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### funqciuri neuroanatomia

\\ \\ CamoTvl il Tagan, romel i saxis uj redebiT ar aris warmodgenil i nervul i l ul a?

- \\ \\ eqtodermul iT;
- \\ \\ neurobl astebiT;
- \\ \\ spongiobl astebiT;
- \\ \\ mezodermul iT.

\\ \\ CamoTvl il Tagan, romel i saxis uj rdebi ar warmoiqmneba neurobl astebisgan?

- \\ \\ becis piramidul i;
- \\ \\ receptorul i;
- \\ \\ interneironebi;
- \\ \\ astrocitebi;
- \\ \\ vegetatiuri.

\\ \\ CamoTvl il Tagan, ra ar warmoiqmneba spongiobl astebisgan?

- \\ \\ endyma;
- \\ \\ fibrozul i astrocitebi;
- \\ \\ purkinies uj redebi;
- \\ \\ mikrogl ia;
- \\ \\ ol igodendritebi.

\\ \\ CamoTvl il Tagan, romel i tvinovani buStisgan ar viTardeba Tavis tvini?

- \\ \\ proencefal oni;
- \\ \\ diencefal oni;
- \\ \\ mezencefal oni;
- \\ \\ rombencefal oni.

\\ \\ CamoTvl il Tagan, romel i struqtura ar warmoiqmneba telencephalon-isgan ?

- \\ \\ Tavis tvini s hemisferoebis TeTri nivTiereba;

\\l qerqi;  
\\l qerqqveSa kvanZebi;  
\\l tvinis fexebi;  
\\l saynosavi tvini.

\\l\\l CamoTvl il Tagan, romel i struqtura ar warmoiqmneba diencephalon-ისgan?  
\\l mkrTal i burTi;  
\\l mxedvel obis borcvebi;  
\\l kudiani birTvi;  
\\l mesame parkuWis ukana nawil i;  
\\l hipoTal amuri midamos ukana nawil i.

\\l\\l CamoTvl il Tagan, romel i struqtura ar warmoiqmneba mesencephalon-ისgan?  
\\l oTxgoraki;  
\\l tvinis fexebi;  
\\l mesame parkuWis ukana nawil i;  
\\l sil viis wyal sadeni.

\\l\\l CamoTvl il Tagan, romel i struqtura ar warmoiqmneba metencephalon-ისgan?  
\\l varol is xidi;  
\\l mogrZo tvini;  
\\l naTxemis hemisferoebi;  
\\l naTxemis Wi a;  
\\l meoTxe parkuWis wina nawil i.

\\l\\l CamoTvl il Tagan, romel i struqtura ar warmoiqmneba myelencephalon-ისgan?  
\\l naTxemis Wi a;  
\\l meoTxe parkuWis ukana nawil i;  
\\l mogrZo tvini;  
\\l ol ivebi.

\\l\\l CamoTvl il Tagan, romel i struqtura ar miekuTvneba tvinis Reros?  
\\l tvinis fexebi;  
\\l varol is xidi;  
\\l SigniTa kafsul a;  
\\l mogrZo tvini.

\\l\\l CamoTvl il Tagan, romel i struqtura ar warmoadgens naTxemis Semadgenel nawil s?  
\\l hemisferoebi;  
\\l Wi a;  
\\l fexebi;  
\\l oTxgoraki;  
\\l birTvebi.

\\l\\l CamoTvl il Tagan, ramdeni segmentისgan Sedgeba zurgis tvini?  
\\l 26-28 segmenti;  
\\l 28-29 segmenti;

\\ 30-31 segmenti;  
\\ 31-32 segmenti.

\\ \\ CamoTvl il Tagan, ra proporci iT aris warmodgenil i zurgis tviniSi  
kisris, gul mkerdis, wel is, gavis da kodusunis segmentebi?

\\ 8-10-7-5-2;  
\\ 10-12-5-3-2;  
\\ 8-12-5-5-2;  
\\ 7-12-6-5-2.

\\ \\ \\ CamoTvl il Tagan, ra doneze gvxxvdeba gverdiTi rqebi zurgis tviniSi?

\\ \\ mTel sigrZeze;  
\\ \\ kisris segmentebis doneze;  
\\ C6-D2 segmentebis doneze;  
\\ D2-D12 segmentebis doneze;  
\\ \\ wel is da gavis segmentebis doneze.

\\ \\ \\ CamoTvl il Tagan, sad aris ganl agebul i aRmaval i da daRmaval i gzebi  
zurgis tviniSi?

\\ \\ erT svetSi;  
\\ \\ or wyvil svetSi;  
\\ \\ xuT svetSi;  
\\ \\ sam wyvil svetSi.

\\ \\ \\ CamoTvl il Tagan, romel i ar miekuTvneba zurgis tviniSi aferentul  
gzas?

\\ \\ gol is kona;  
\\ \\ burdaxis kona;  
\\ \\ tiurkis kona;  
\\ \\ spinoTal amuri traqti;  
\\ \\ fl eqsigis kona.

\\ \\ \\ CamoTvl il Tagan, romel i gamtari ar miekuTvneba zurgis tviniSi  
daRmaval gzas?

\\ \\ I ateral uri piramidul i gza;  
\\ \\ monakovis kona;  
\\ \\ goversis kona;  
\\ \\ retikul ospinuri gza;  
\\ \\ vestibul ospinuri traqti.

\\ \\ \\ ramden totad iyofa spinuri nervi mal TaSua xvrel idan gamosvl is  
Semdeg?

\\ \\ or totad;  
\\ \\ sam totad;  
\\ \\ oTx totad;  
\\ \\ xuT totad.

\\ \\ \\ CamoTvl il Tagan, romel wnul s ar warmoqmniSi spinuri nervebi?

\\ \\ kisris;  
\\ \\ mxris;  
\\ \\ gul mkerdis;

\\ wel is;  
\\ gavis.

\\ \\ CamoTvl il Tagan, funqciuri daniSnul ebis mixedviT, nervul i uj redis romel i tipi ar arsebobs?

\\ eferentul i;  
\\ aferentul i;  
\\ vegetatiuri;  
\\ sensomotorul i;  
\\ korel aciuri.

\\ \\ CamoTvl il Tagan, agebul ebis mixedviT, nervul i uj redis romel i tipi ar arsebobs?

\\ unipol arul i;  
\\ bipol arul i;  
\\ indiferentul i;  
\\ mul tipol arul i.

\\ \\ CamoTvl il Tagan, romel i warmonaqmni ar gaaCnia nervul uj reds?

\\ perikarioni;  
\\ aqsoni;  
\\ dendriti;  
\\ pigmenti;  
\\ nisl is tigroidul i nivTiereba.

\\ \\ CamoTvl il Tagan, romel i warmonaqmni ar Sedis sinafsis agebul ebaSi?

\\ presinafsuri fol aqi;  
\\ sinafsuru napral i;  
\\ postsinafsuri fol aqi;  
\\ mediatoris buStukebi.

\\ \\ CamoTvl il Tagan, riT ar aris warmodgenil i neirogl ia?

\\ protopl azmuri astrocitebiT;  
\\ fibrozul i astrocitebiT;  
\\ oligodendritebiT;  
\\ purkinies uj redebiT;  
\\ mikrogl i iT.

\\ \\ CamoTvl il Tagan, romel i paTol ogiuri procesi ar viTardeba neirogl iaSi?

\\ piknozi;  
\\ hiperqromatozi;  
\\ astrocitol izisi;  
\\ gliuri nawiburi.

\\ \\ CamoTvl il Tagan, romel i paTol ogiuri procesi ar viTardeba nervul uj redSi?

\\ periaqsiuri degeneracia;  
\\ gliuri nawiburi;  
\\ uol eris gadagvareba;  
\\ retrogradul i degeneracia.

\\ \\ CamoTvl il Tagan, romel i warmonaqmni ar Sedis neironebis membranis struqturaSi?

\\ tumboebi;

\\ arxebi;

\\ receptorebi;

\\ makromol ekul uri cil ebi;

\\ \\ CamoTvl il Tagan, romel i warmonaqmni ar Rebul obs monawil eobas nervul i impul sis aRmocenebasa da gavrcel ebaSi?

\\ natriumis ionebi;

\\ kal iumis ionebi;

\\ ionebis tumboebi;

\\ nisl is tigruidul i sxoul ebi;

\\ uj redis membrana.

\\ \\ CamoTvl il Tagan, romel i tipis boWkoebi gamoirCeva nervul i impul sis gatarebis yvel aze maRal i siCqarIT?

\\ I tipis;

\\ II tipis;

\\ III tipis;

\\ IV tipis.

\\ \\ CamoTvl il Tagan, romel i monacemi warmoadgens nervul boWkoSi impul sis gatarebis maqsimal ur siCqares?

\\ 200 m/wm;

\\ 120 m/wm;

\\ 70 m/wm;

\\ 40 m/wm.

\\ \\ CamoTvl il Tagan, romel i monacemi warmoadgens nervul boWkoSi impul sis gatarebis minimal ur siCqares?

\\ 70 m/wm;

\\ 40 m/wm;

\\ 15 m/wm;

\\ 0.2 m/wm.

\\ \\ CamoTvl il Tagan, romel i spinuri nervebis wina totebisgan warmoiqmneba kisris wnul i?

\\ C1-C3;

\\ C2-C4;

\\ C1-C4;

\\ C2-C5.

\\ \\ CamoTvl il Tagan, romel i spinuri nervebis wina totebisgan warmoiqmneba mxris wnul i?

\\ C2-C5;

\\ C3-C7;

\\ C5-C8;

\\ C5-D2.

\\ CamoTvl il Tagan, romel i spinuri nervebis wina totebi warmoqmnis neknTaSua nervebs?

\\ C5-D1;

\\ D2- D6;

\\ D3- D12;

\\ D6-L2.

\\ CamoTvl il Tagan, romel i spinuri nervebis wina totebisgan warmoiqmneba wel is wnul i?

\\ D10-L1;

\\ D12-L3;

\\ L1-L4;

\\ L1-S1.

\\ CamoTvl il Tagan, romel i spinuri nervebis wina totebisgan warmoiqmneba gavis wnul i?

\\ L1-L4;

\\ L1-S1;

\\ L3-S2;

\\ L4-S2;

\\ L4-S4.

\\ CamoTvl il Tagan, romel i spinuri nervebis wina totebisgan warmoiqmneba kudasunis wnul i?

\\ L4-S2;

\\ L4-S4;

\\ S2-S5;

\\ S3-Co;

\\ S5-Co.

\\ CamoTvl il Tagan, romel i periferiul i nervi ar gamodis plexus cervicalis- i dan?

\\ n. occipitalis minor;

\\ n. transversus colli;

\\ n. axillaris;

\\ n. phrenicus.

\\ CamoTvl il Tagan, romel i periferiul i nervi ar gamodis plexus brachialis- i dan?

\\ n. medianus;

\\ n. radialis;

\\ n. intercostalis;

\\ n. musculocutaneus;

\\ n. ulnaris.

\\ CamoTvl il Tagan, romel i periferiul i nervi ar gamodis plexus lumbalis- i dan?

\\ n. genitofemoralis;

\\ n. femoralis;

\\ n. cutaneus femoris posterior;

\\ n. obturatorius.

\\ \\ CamoTvl il Tagan, romel i periferiul i nervi ar gamodis plexus sacralis-  
i dan?

\\ \\ n. gluteus superior;

\\ \\ n. ischiadicus;

\\ \\ n. cutaneus femoris lateralis;

\\ \\ n. gluteus inferior.

\\ \\ CamoTvl il Tagan, romel i periferiul i nervi gamodis plexus coccygeus-  
i dan?

\\ \\ n. anococcygeus;

\\ \\ n. pudendus;

\\ \\ n. obturatorius;

\\ \\ n. gluteus inferior.

refl eqsuri moqmedeba

\\ \\ CamoTvl il Tagan, ra SemTxvevaSi ar xorciel deba spinuri refl eqsuri  
aqti?

\\ \\ darRveul ia gaRiziane bis aRqma;

\\ \\ darRveul ia kavSiri muSa organosTan;

\\ \\ darRveul ia impul sebis miwodeba segmentzed a paratidan.

\\ \\ CamoTvl il Tagan, vin Camoayal iba pirvel ad refl eqsuri moqmedebis  
princi pebi?

\\ \\ seCenovma;

\\ \\ hi pokratem;

\\ \\ dekar tma;

\\ \\ pavl ovma;

\\ \\ proxazkam.

\\ \\ CamoTvl il Tagan, vin daamkvidra termini \_ "refl eqsi" mecnierebaSi?

\\ \\ seCenovma;

\\ \\ hi pokratem;

\\ \\ dekar tma;

\\ \\ pavl ovma;

\\ \\ proxazkam.

\\ \\ CamoTvl il Tagan, romel periodSi ewyeba embrions pirvel i  
refl eqsuri reaqciebi?

\\ \\ 2 Tvis asakSi;

\\ \\ 3 Tvis asakSi;

\\ \\ 5 Tvis asakSi;

\\ \\ 6 Tvis asakSi.

\\ \\ CamoTvl il Tagan, romel periodSi uyal ibdeba embrions gaRiziane baze  
sapasuxo moZraobebi?

\\ \\ 2 Tvis asakSi;

\\ \\ 4 Tvis asakSi;

\\ \\ 6 Tvis asakSi;

\\ \\ 8 Tvis asakSi.

\\ \\ CamoTvl il Tagan, vin aRwera pirvel ad refl eqsuri moqmedebis Sekavebis ZiriTadi principebi?

- \\ seCenovma;
- \\ hipokratem;
- \\ dekartma;
- \\ pavl ovma;
- \\ proxazkam.

\\ \\ CamoTvl il Tagan, romel i komponenti ar miekuTvneba refl eqsuri rka is Semadgenel nawil s?

- \\ receptorul i;
- \\ aferentul i;
- \\ refl eqsis centri;
- \\ refl eqsis Sekavebis aparati;
- \\ muSa organo.

\\ \\ CamoTvl il Tagan, ra saxis ar SeiZl eba iyos refl eqsi?

- \\ pirobiTi;
- \\ upirobo;
- \\ fiziol ogiuri;
- \\ paTol ogiuri;
- \\ Sereul i.

\\ \\ CamoTvl il Tagan, vin SeimuSava pirobiTi refl eqsebis mecniერul i da eqsperimentul i debul ebebi?

- \\ seCenovma;
- \\ hipokratem;
- \\ dekartma;
- \\ pavl ovma;
- \\ proxazkam.

\\ \\ CamoTvl il Tagan, struqturis gaTval iswinebiT, ra saxis refl eqsi ar arsebobs?

- \\ spinuri;
- \\ Reros;
- \\ parkuWis;
- \\ naTxemis;
- \\ qerqqveSa.

\\ \\ CamoTvl il Tagan, sapasuxo reaқciis xasiaTis mixedviT, ra saxis refl eqsi ar arsebobs?

- \\ sekretorul i;
- \\ trofikul i;
- \\ vazomotorul i;
- \\ reciprokul i;
- \\ mamozravebel i.

\\ \\ CamoTvl il Tagan, receptoris mdebareobis mixedviT, ra saxis refl eqsi ar SeiZl eba iyos?

- \\ eqsteroceptul i;



\\ proprioceptul i;  
\\ interoceptul i;  
\\ postural uri.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i sxivis Zvl is refl eqsis centri?

\\ C4-C6;  
\\ C6-C7;  
\\ C7-C8.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i orTava kunTis myesis refl eqsis centri?

\\ C5-C6;  
\\ C6-C7;  
\\ C7-C8.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i samTava kunTis myesis refl eqsis centri?

\\ C5-C6;  
\\ C6-C7;  
\\ C7-C8.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i pubo-abdominal uri refl eqsis centri?

\\ D6-D8;  
\\ D10-D12;  
\\ D12-L2;  
\\ D 12-L3.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i adduqciis refl eqsis centri?

\\ D12-L2;  
\\ L1-L2;  
\\ L1-L3;  
\\ L2-L4.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i muxl is refl eqsis centri?

\\ L1-L2;  
\\ L2-L4;  
\\ L3-L5

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i aqil evsis myesis refl eqsis centri?

\\ L2-L4;  
\\ L3-L5;  
\\ L5-S2.

\\ \\ CamoTvl il Tagan, romel i nervis daziane baze mi uTi Tebs rqovana-koni uqtival uri refl eqsis daTrgunva?

\\ Il wy;

\\ III wy.;  
\\ IV wy.;  
\\ V wy.;  
\\ VI wy.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i mucl is kanis zeda refl eqsis centri?

\\ D6-D7;  
\\ D7-D8;  
\\ D8-D9;  
\\ D9-D10.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i mucl is kanis Sua refl eqsis centri?

\\ D7-D8;  
\\ D8-D9;  
\\ D9-D10;  
\\ D11-D12.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i mucl is kanis qveda refl eqsis centri?

\\ D8-D9;  
\\ D9-D10;  
\\ D11-D12;  
\\ D12-L1.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i kremasteris refl eqsis centri?

\\ L1-L2;  
\\ L2-L4;  
\\ L4-L5;  
\\ L5-S2.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i pl antarul i refl eqsis centri?

\\ L1-L2;  
\\ L2-L4;  
\\ L4-L5;  
\\ L5-S2.

\\ \\ CamoTvl il Tagan, romel segmentebSia moTavsebul i anal uri refl eqsis centri?

\\ L1-L2;  
\\ L4-L5;  
\\ L5-S2;  
\\ S4-S5.

\\ \\ CamoTvl il Tagan, romel i sistema uzrunvel yofs kunTTa tonusis regul acias?

\\ gama-maryuJi;  
\\ nebisyoFiTi moZraobis anal izatori;

\\ naTxemi;  
\\ mxedvel obis anal izatori;  
\\ eqstrapiramidul i sistema

\\ \\ CamoTvl il Tagan, romel i komponenti ar warmoadgens miotatiuri refl eqsis Semadgenel nawil s?  
\\ motoneironebi;  
\\ mionevral uri firfitebi;  
\\ gol j i-maconis sxeul akebi;  
\\ gol j is myesovani aparati;  
\\ renSous uj redebi.

\\ \\ CamoTvl il Tagan, romel i warmonaqmni ar miekuTvneba miotatiuri refl eqsis aferentul rgol s?  
\\ spiral uri receptori;  
\\ intrafuzal uri kunTovani TiTistara;  
\\ mal TaSua kvanZi;  
\\ ukana fesvi;

\\ \\ CamoTvl il Tagan, ra saxis neironebi ar iRebs monawil eobas wina rqis formirebaSi?  
\\ al fa-mcire motoneironebi;  
\\ al fa-didi motoneironebi;  
\\ renSous uj redebi;  
\\ kl ark-Stil ingis uj redebi;  
\\ -motoneironebi.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba refl eqsuri pasuxisis paTol ogias?  
\\ arefl eqsia;  
\\ hiperrefl eqsia;  
\\ hiporefl eqsia;  
\\ postural uri refl eqsebi;  
\\ anizorefl eqsia.

\\ \\ CamoTvl il Tagan, ra warmoadgens refl eqsebis uki duresi momatebis gamovl inebas?  
\\ kl onusi;  
\\ miokl onusi;  
\\ tremori;  
\\ krunCxviTi gantvirTva.

\\ \\ CamoTvl il Tagan, romel i ar miekuTvneba piris irgvl ivi kunTebis monawil eobiT miRebul paTol ogiur refl eqss?  
\\ nazol abial uri;  
\\ xorTumis;  
\\ woviTi;  
\\ mandibul uri;  
\\ xel isgul -nikapis.

\\ \\ CamoTvl il Tagan, romel i paTol ogiuri refl eqsi ar vl indeba zeda kidurebze, piramidul i sistemis dazianebisas?

\\ \\ rosol imos (zeda);

\\ \\ iakobson-I askas;

\\ \\ gofmanis;

\\ \\ pusepis.

\\ \\ CamoTvl il Tagan, ra saxis refl eqsebi ar vl indeba qveda kidurebze \_ sxvadasxva paTol ogiuri procesis dros?

\\ \\ eqstensorul i;

\\ \\ fl eqsorul i;

\\ \\ dacviTi;

\\ \\ postural uri.

\\ \\ CamoTvl il Tagan, romel i ar miekuTvneba eqstensorul paTol ogiur refl eqsebs?

\\ \\ babi nskis;

\\ \\ openheimis;

\\ \\ Jukovskis;

\\ \\ gordonis.

\\ \\ CamoTvl il Tagan, romel i ar miekuTvneba fl eqsorul paTol ogiur refl eqsebs?

\\ \\ rosol imos;

\\ \\ mendel -bexterevis;

\\ \\ Seferis.

\\ \\ CamoTvl il Tagan, ra xerxiT ar ikvl even dacviT refl eqsebs?

\\ \\ CqmetiT;

\\ \\ Cxvl etiT;

\\ \\ mari-fuas xerxiT;

\\ \\ Termul i gaRizianebi T.

\\ \\ CamoTvl il Tagan, romel i sistemis paTol ogia ar iwvevs postural uri refl eqsebis darRvevas?

\\ \\ piramidul i;

\\ \\ eqstrapiramidul i;

\\ \\ naTxemis;

\\ \\ vegetaturi.

\\ \\ CamoTvl il Tagan, romel i struqturis dazianeba vl indeba myes-Zval Ta refl eqsebis momatebiT?

\\ \\ zurgis tvinis;

\\ \\ periferiul i nervebis;

\\ \\ naTxemis;

\\ \\ propioceptorebis;

\\ \\ kunTebis.

\\ \\ CamoTvl il Tagan, romel i struqturis dazianeba ar vl indeba aqil evsis myesis refl eqsis daqvei TebiT?

\\ \\ piramidul i gzis;

- \\ spino-muskul uri traqtis;
- \\ saj domi nervis;
- \\ wina rqis.

mamoZravebel i anal izatori

- \\ \\ CamoTvl il Tagan, ra warmoadgens periferiul i mamozravebel i neironis dazianebis paTognomur niSans?
- \\ kunTebis hipertonia;
- \\ pol ikinezuri refl eqsebi;
- \\ kl onusebi;
- \\ kunTTa atrofia;
- \\ paTol ogiuri refl eqsebi.

- \\ \\ \\ CamoTvl il Tagan, romel i ar warmoadgens dune dambl is tips?
- \\ mononevritul i;
- \\ pol inevritul i;
- \\ pol iomiel ituri;
- \\ pl eqsituri;
- \\ atoniuri.

- \\ \\ \\ CamoTvl il Tagan, romel i simptomi gv xvdeba motorul i anal izatoris dazianebis dros?
- \\ spastiuri monoparezi;
- \\ kunTTa atrofia;
- \\ fascikul acia;
- \\ mgrZnobel obis moSl a;
- \\ tremori.

- \\ \\ \\ qerqis romel i Sridan iwyeba kortikomuskul uri gza?
- \\ mol ekul uri;
- \\ becis uj redebis;
- \\ gareTa marcvl ovani;
- \\ patara piramidul i uj redebis;
- \\ SigniTa marcvl ovani.

- \\ \\ \\ CamoTvl il Tagan, qerqis romel i ubani ar miekuTvneba motorul zonas?
- \\ wina central uri xveul i;
- \\ Subl is zeda xveul i;
- \\ Subl is Sua xveul i;
- \\ rol andis Rari.

- \\ \\ \\ CamoTvl il Tagan, sx eul is romel i nawil is nebisyofiti moZraobis programaa warmodgenil i wina central uri xveul is Sua mesamedSi?
- \\ qveda kiduris;
- \\ saartikul acio aparatis;
- \\ zeda kiduris;

\\ Tavis moZraobis.

\\ \\ CamoTvl il Tagan, randeni neironiT aris warmodgenil i kortikomuskul uri gza?

\\ erTi;

\\ ori;

\\ sami;

\\ oTxi.

\\ \\ CamoTvl il Tagan, ra mizeziT ewoda "piramidul i gza" kortikospinur traqts?

\\ iwyeba patara piramidul i uj redebis Sridan;

\\ mogrZo tvinSi am gamtars aqvs piramidis forma;

\\ iwyeba didi piramidul i uj redebis Sridan.

\\ \\ CamoTvl il Tagan, romel i gamtari ar gadis SigniTa kafsul is ukana fexSi?

\\ piramidul i kona;

\\ kortikonukl earul i kona;

\\ mxedvel obis anal izatoris me-4 neironebis aqsonebi;

\\ zerel e da Rma mgrZnobel obis traqtebi.

\\ \\ CamoTvl il Tagan, romel i warmonaqmni ar iRebs monawil eobas SigniTa kafsul is formirebaSi?

\\ kudiani birTvi;

\\ ospisebri birTvi;

\\ dakbil ul i birTvi;

\\ mxedvel obis borcvi.

\\ \\ CamoTvl il Tagan, romel i gamtari gadis SigniTa kafsul is wina fexSi?

\\ Subl -xid-naTxemis traqti;

\\ kortikospinuri traqti;

\\ teqtospinuri traqti.

\\ \\ CamoTvl il Tagan, tvinis Reros saxuravSi moTavsebul i, romel i kraniul i nervis birTvs ar gaaCnia ormxrivi qerqul i inervacia?

\\ Tval is mamozravebel i;

\\ enisqveSa;

\\ saxis;

\\ ganmzidvel i.

\\ \\ CamoTvl il Tagan, romel i gamtari gaivl is piramidebis j varedins, mogrZo da zurgis tvinis sazRvarze?

\\ kortikospinuri l ateral uri kona;

\\ retikul ospinuri kona;

\\ tiurkis kona.

\\ \\ CamoTvl il Tagan, ra struqturis dazianeba ar iwvevs dambI is ganviTarebas?

\\ central uri mamozravebel i neironis;

\\ piramidul i gzis;

\\ spinoTal amuri traqtis;  
\\\\ periferiul i mamozravebel i neironis.

\\\\ CamoTvl il Tagan, ra ar axasiaTebis spazmur dambl as?  
\\\\ central uri neironis dazianebe;  
\\ arefl eqsia;  
\\\\ sinkineziebi;  
\\\\ kunTTa tonusis momateba.

\\\\ CamoTvl il Tagan, ra SemTxvevaSia gamoxatul i yifSiZis ni Sani?  
\\\\ piramidul i sistemis dazianebebis dros;  
\\\\ eqstrapiramidul i sistemis dazianebebis dros;  
\\ naTxemis paTol ogiis dros;  
\\\\ spino-Tal amuri gzis dazianebebis dros;  
\\\\ parasimpaTikuri sistemis dazianebebis dros.

\\\\ CamoTvl il Tagan, ra ar axasiaTebis dune dambl as?  
\\\\ periferiul i neironis dazianebe;  
\\\\ kunTTa atrofia;  
\\ paTol ogiuri refl eqsebi;  
\\\\ kunTebis atonia.

\\\\ CamoTvl il Tagan, ra ar miesadageba dambl is tips \_ ganawil ebis mixedviT?  
\\\\ monopl egia;  
\\\\ parapl egia;  
\\\\ tripl egia;  
\\ mul tipl egia.

\\\\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i al ternaciul i dambl is sindromisTvis?  
\\\\ procesis mxareze kraniul i nervis periferiul i dambl a;  
\\\\ procesis mopirdapire mxareze spastiuri hemipl egia;  
\\ procesis mxareze kidurebis dune dambl a.

\\\\ CamoTvl il Tagan, ras iwvevs Tavis tvinis qerqis motorul i zonis qveda 2/3-is dazianebe?  
\\\\ monopl egias;  
\\\\ parapl egias;  
\\ braxiofacial ur dambl as;  
\\\\ hemipl egias.

\\\\ CamoTvl il Tagan, ra warmonaqmnis dazianebebis as vl indeba fovil is al ternaciul i sindromi?  
\\\\ SigniTa kafsul a;  
\\\\ tvinis fexi;  
\\\\ mogrZo tvini;  
\\\\ zurgis tvinis maRal i segmentebi;  
\\ varol is xidi.

\\ CamoTvl il Tagan, ra SemTxvevaSi mimarTaven cxvir-TiTis da muxl -  
qusi is cdas?  
\\ inkoordinaciis gamosavl enad;  
\\ dambl is, an parezis gamosavl enad;  
\\ kunTTa tonusis Sesafasebl ad;  
\\ mgrZnobel obis moSl is tipis dasadgenad;  
\\ hiperkinezis xasiaTis dasadgenad.

\\ CamoTvl il Tagan, ra ar axasiaTebis zeda al ternaciul anu veberis  
sindrums?  
\\ III wy. kraniul i nervis dune dambl a;  
\\ spazmuri hemipl egia;  
\\ ftozi;  
\\ SigniTa siel me.

\\ CamoTvl il Tagan, ra ar axasiaTebas miar-gubl erisindrums?  
\\ bel is niSani;  
\\ saxis mimikuri kunTebis dambl a;  
\\ spazmuri hemipl egia;  
\\ gareTa siel me.

\\ CamoTvl il Tagan, ra ar axasiaTebas fovil isindrums?  
\\ ftozi;  
\\ saxis mimikuri kunTebis dambl a;  
\\ spazmuri hemipl egia;  
\\ SigniTa siel me.

\\ CamoTvl il Tagan, ra ar axasiaTebas j eqsonisindrums?  
\\ enis naxevris atrofia;  
\\ spazmuri hemipl egia;  
\\ saxis mimikuri kunTebis dambl a;  
\\ enis gadaxra swori xazidan.

\\ CamoTvl il Tagan, ra ar axasiaTebas avel isisindrums?  
\\ yl apvis gaZnel eba;  
\\ disarTria;  
\\ spazmuri hemipl egia;  
\\ enisqveSa nervis central uri dambl a.

\\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i j varedini  
dambl isaTvis?  
\\ piramidebis j varedinis boWkoebis dazianeba;  
\\ procesis mxareze mxol od zeda central uri monopl egia;  
\\ erT mxareze spazmuri dambl a xel Si, meore mxareze - fexSi;

\\ CamoTvl il Tagan, romel i paTol ogiuri refl eqsi vl indeba zurgis  
tvinis kompresiis dros?  
\\ dacviTi;  
\\ marinesku-radoviCi s;  
\\ i ani Sevski s;  
\\ xorTumi s;



\\ postural uri.

\\\ CamoTvl il Tagan, ra ar viTardeba l ateral uri piramidul i gzis cal mxrivi daziane bisas zurgis tvinSi?

\\ central uri hemipl egia;

\\ spinuri tipis central uri dambl a;

\\ zeda spazmuri monopl egia;

\\ qveda spazmuri monopl egia;

\\ spinuri ataqsia.

\\\ CamoTvl il Tagan, romel i simptomi ar viTardeba gul mkerdis doneze zurgis tvinis daziane bis dros?

\\ inkoordinacia;

\\ nawol ebi;

\\ mgrZnobel obis moSl a;

\\ metyvel e bis moSl a;

\\ menj is Rrus organoebis funqciis moSl a.

\\\ CamoTvl il Tagan, ra warmoadgens kafsul arul i hemipl egiis paTognomur ni Sans?

\\ tetrapl egia;

\\ vernike-manis poza;

\\ XII wy. nervis central uri parezi;

\\ spinuri hemipl egia;

\\ periferiul i tipis anesTezia.

\\\ CamoTvl il Tagan, ra ar aRiniSneba broun-sekaris sindromis dros?

\\ Rrma mgrZnobel obis moSl a procesis mxareze;

\\ dune dambl a procesis mopi rdapire mxareze;

\\ spazmuri dambl a procesis mxareze;

\\ zedapirul i mgrZnobel obis moSl a procesis qvemoT, mopi rdapire mxareze.

\\\ CamoTvl il Tagan, ra axasiaTebis zurgis tvinis naxebris daziane bas gul mkerdis segmentebis doneze?

\\ Rrma mgrZnobel obis moSl a daziane bis doneze;

\\ spastikuri dambl a procesis mopi rdapire mxareze;

\\ mucl is kanis zerel e refl eqsebis mospoba, procesis doneze.

\\\ CamoTvl il Tagan, ra viTardeba zurgis tvinis naxebris daziane bis dros?

\\ miel ituri sindromi;

\\ hemi anesTezia;

\\ hemipl egia;

\\ broun-sekaris sindromi;

\\ trofikul i darRvevebi.

mgrZnobel obis anal izatori

\\ CamoTvl il Tagan, romel i ubani ar warmoadgens mgrZnobel obis anal izatoris qerqul zonas?  
\\ mxedvel obis borcvi;  
\\ ukana central ur xveul i;  
\\ Txemis wil i.

\\ CamoTvl il Tagan, sxedul is romel i nawil is inervacia aris warmodgenil i ukana central uri xveul is zeda mesamedSi?  
\\ zeda kiduri;  
\\ Tavi da saxe;  
\\ qveda kiduri;

\\ CamoTvl il Tagan, romel i warmonaqmni miekuTvneba mgrZnobel obis anal izatoris periferiul i nawil is dabol oebas?  
\\ periferiul i nervi;  
\\ mgrZnobel obis nervi;  
\\ receptori;  
\\ mal TaSua kvanZi.

\\ CamoTvl il Tagan, romel i warmonaqmni aRiqvams Termul gaRizianebas?  
\\ meisneris sxedul akebi;  
\\ merkel is diskoebi;  
\\ krauzes kol bebi;  
\\ rufinis sxedul akebi.

\\ CamoTvl il Tagan, romel i warmonaqmni aRiqvams tkivil s?  
\\ gol j i-maconis sxedul akebi;  
\\ fater-paCinis sxedul akebi;  
\\ Tavisufal i nervul i dabol oebebi;  
\\ Tmis fol ikul ebis receptorebi.

\\ CamoTvl il Tagan, romel i warmonaqmnebi ar mikuTvneba zogadi mgrZnobel obis receptorebs?  
\\ eqsteroceptorebi;  
\\ propioceptorebi;  
\\ viscerceptorebi;  
\\ tel ereceptorebi.

\\ CamoTvl il Tagan, romel i warmonaqmnebi ar mikuTvneba special izirebul i mgrZnobel obis receptorebs?  
\\ kontaqtreceptorebi;  
\\ distansreceptorebi;  
\\ propioceptorebi.

\\ CamoTvl il Tagan, mgrZnobel obis romel i saxe ar miekuTvneba martiv mgrZnobel obas?  
\\ temperaturul i;  
\\ kinesTeziuri;  
\\ vibraciul i;  
\\ diskriminaciul i.

\\ \\ CamoTvl il Tagan, mgrZnobel obis romel i saxe ar miekuTvneba rTul mgrZnobel obas?

\\ stereognozul i;

\\ tkivil is;

\\ organzomil ebian-sivrciTi;

\\ diskriminaciul i.

\\ \\ CamoTvl il Tagan, ra saxiT SeiZl eba gamovl indes qerqul i tipis anesTezia?

\\ rTul i mgrZnobel obis moSI a;

\\ al ternaciul i hemianesTezia;

\\ segmenturi anesTezia;

\\ spinuri anesTezia.

\\ \\ CamoTvl il Tagan, romel i paTol ogiis SemTxvevaSi gvxxdeba Rrma mgrZnobel obis izol irebul i moSI a?

\\ miel iti;

\\ zurgis tvinis xmoba;

\\ gverdiTi amiotroful i skl erozi;

\\ pol iomiel iti;

\\ siringomiel ia.

\\ \\ CamoTvl il Tagan, romel i paTol ogiis SemTxvevaSi gvxxdeba zerel e mgrZnobel obis izol irebul i moSI a?

\\ siringomiel ia;

\\ pol iomiel iti;

\\ gverdiTi amiotroful i skl erozi;

\\ miel iti.

\\ \\ CamoTvl il Tagan, romel i simptomi ar miekuTvneba al giur sindroms?

\\ I asegis;

\\ vasermanis;

\\ sikaris;

\\ pusepis;

\\ neris.

\\ \\ CamoTvl il Tagan, romel i gamtarebi j varedindeba mogrZo tvinis doneze?

\\ Rrma mgrZnobel obis gzebi;

\\ zerel e mgrZnobel obis gzebi;

\\ fl eqsigis konebi;

\\ Tal amokortikul i gzebi.

\\ \\ CamoTvl il Tagan, ra SemTxvevaSi viTardeba segmenturi tipis gl obal uri anesTezia?

\\ ukana svetebis dazianebsas;

\\ ukana fesvebis dazianebsas;

\\ ukana rqebis dazianebsas;

\\ gverdiTi svetebis dazianebsas.

\\ \\ CamoTvl il Tagan, ra SemTxvevaSi vi Tardeba spinuri gamtarebl obiTi anesTezia?

- \\ ukana rqebis dazianeblsas;
- \\ gverdiTi svetis dazianeblsas;
- \\ ukana fesveblis dazianeblsas;
- \\ wina SesarTavis dazianeblsas.

\\ \\ CamoTvl il Tagan, ra ar iwvevs mgrZnobel obis moSI as saxis naxevarSi?

- \\ samwvera nervis ZiriTadi fesvis dazianeblsas;
- \\ medial uri maryuJis dazianeblsas;
- \\ Tavis tvinis qerqis dazianeblsas;
- \\ l ateral uri maryuJis dazianeblsas;
- \\ SigniTa kafsul is muxl is dazianeblsas.

\\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i broun-sekaris sindromisTvis?

- \\ Rrma mgrZnobel obis moSI a procesis mxareze;
- \\ pol iomiel ituri tipis dune dambl a procesis mxareze;
- \\ spazmuri dambl a procesis qvemoT, imave mxareze;
- \\ segmenturi tipis gl obal uri anesTezia procesis mopirdapi re mxareze.

\\ \\ CamoTvl il Tagan, sad aris moTavsebul i zerel e da Rrma mgrZnobel obis gamtari gzeblis pirvel i neironebl?

- \\ mal TaSua kvanZSi;
- \\ zurgis tvinis wina rqebSi;
- \\ zurgis tvinis ukana rqebSi;
- \\ tvinis ReroSi;
- \\ Tal amusis birTveblSi.

\\ \\ CamoTvl il Tagan, sad aris moTavsebul i zerel e da Rrma mgrZnobel obis gamtari gzeblis mesame neironebl?

- \\ spinur kvanZSi;
- \\ zurgis tvinis wina rqebSi;
- \\ zurgis tvinis ukana rqebSi;
- \\ tvinis ReroSi;
- \\ Tal amusis birTveblSi.

\\ \\ CamoTvl il Tagan, sad aris moTavsebul i Rrma mgrZnobel obis gamtari gzis meore neironebl?

- \\ ukana rqaSi;
- \\ mogrZo tvinSi;
- \\ varol is xidSi;
- \\ Tal amusis birTveblSi.

\\ \\ CamoTvl il Tagan, sad aris moTavsebul i zerel e mgrZnobel obis gamtari gzis meore neironebl?

- \\ ukana rqaSi;
- \\ mogrZo tvinSi;
- \\ varol is xidSi;
- \\ Tal amusis birTveblSi.

\\ CamoTvl il Tagan, sad ar uaxl ovdeba erTmaneTs zerel e da Rrma mgrZobel obis gamtari gzebi?  
\\ zurgis tvinis gverdiT svetSi;  
\\ tvinis ReroSi;  
\\ SigniTa kafsul aSi.

\\ CamoTvl il Tagan, romel warmonaqmns ar gaivl is martivi mgrZnobel obis meore neironebi?  
\\ zurgis tvinis gverdiT svets;  
\\ zurgis tvinis ukana svets;  
\\ tvinis Reros;  
\\ SigniTa kafsul is wina fexs.

\\ CamoTvl il Tagan, ra saxis tkivil i ar aris aRweril i?  
\\ I okal uri;  
\\ proecirebul i;  
\\ iradiirebul i;  
\\ fantomuri;  
\\ mul tifokal uri.

\\ CamoTl il Tagan, romel i fesvebis gaRizianebase miuTiTebS mackeviCi s simptomi?  
\\ L2-L4;  
\\ L5-S1;  
\\ S1-S3;  
\\ S3-S5.

\\ CamoTvl il Tagan, zaxarin-hedis romel dermatomebze vrcel deba anarekl i tkivil i gul is paTol ogiis dros?  
\\ C7-D1;  
\\ D1-D3;  
\\ D3-D6;  
\\ D6-D9.

\\ CamoTvl il Tagan, zaxarin-hedis romel dermatomebze vrcel deba anarekl i tkivil i RviZl isa da naRvl is buStis paTol ogiis dros?  
\\ D3-D6;  
\\ D6-D9;  
\\ D7-D10;  
\\ D12-L2.

\\ CamoTvl il Tagan, mgrZnobel obis moSl is romel i tipi ar miekuTvneba dissociaciur anesteziას?  
\\ siringomiel uri;  
\\ tabesuri;  
\\ Tal amuri;  
\\ pol iomiel ituri;  
\\ qerqul i.

\\ CamoTvl il Tagan, gavr cel ebis mixedvi T, mgrZnobel obis moSl is romel i tipi ar aris kl asificirebul i?

\\ periferiul i;

\\ spinuri;

\\ central uri;

\\ cerebrul i.

\\ CamoTvl il Tagan, romel i ar miekuTvneba mgrZnobel obis moSl is periferiul tips?

\\ fesvobrivi;

\\ segmenturi;

\\ mononevritul i;

\\ pol inevritul i.

\\ CamoTvl il Tagan, romel i ar miekuTvneba spinuri tipis mgrZnobel obis moSl as?

\\ nevral uri;

\\ segmenturi;

\\ gamtarebl obiTi.

\\ CamoTvl il Tagan, romel i ar miekuTvneba cerebrul i tipis mgrZnobel obis moSl as?

\\ gamtarebl obiTi;

\\ qerqul i;

\\ central uri;

\\ hemianesTezia.

\\ CamoTvl il Tagan, romel i l okal izaciis daziane bis SemTxvevaSi ar vl indeba gamtarebl obiTi anesTezia?

\\ SigniTa kafsul a;

\\ tvinis Rero;

\\ zurgis tvinis ukana sveti;

\\ zurgis tvinis ukana fesvi;

\\ zurgis tvinis gverdiTi sveti.

\\ CamoTvl il Tagan, ras ar iwvevs spinoTal amuri gzis meore neironebis daziane ba?

\\ segmenturi tipis mgrZnobel obis moSl as;

\\ hemianesTezias procesis mxareze;

\\ gamtarebl obiTi tipis siringomil ur dissociacias.

\\ CamoTvl il Tagan, ra l okal izaciis daziane baze miuTiTebis mgrZnobel obis moSl a saxis ukana nawil Si \_ zel deris zonebis mixedvi T?

\\ SigniTa kafsul a;

\\ Tal amusi;

\\ tvinis Reros oral uri nawil i;

\\ tvinis Reros kaudal uri nawil i;

\\ zurgis tvinis zeda segmentebi.

\\ CamoTvl il Tagan, ra l okal izaciis dazianebase miuTiTebis dissociaciuri anesTezia "naxevarqurTukis" saxiT?

\\ ukana svetebi;

\\ gverdiTi svetebi;

\\ ukana rqebi;

\\ wina rqebi;

\\ wina SesarTavi.

\\ CamoTvl il Tagan, ra vl indeba gamtarebl obiTi tabesuri anesTeziis dros?

\\ astereognozia;

\\ kunTebis eqstrapiramidul i rigidoba;

\\ moZraobis koordinaciis moSl a;

\\ myes-Zval Ta refl eqsebis gamococxl eba.

\\ CamoTvl il Tagan, sad viTardeba mgrZnobel obis moSl a SuaTana nervis dazianebris dros?

\\ xel is mtevnis zurgze;

\\ xel isgul ze: I, II da nawil obriv III TiTSi;

\\ xel isgul ze: IV, V da nawil obriv III TiTSi;

\\ mtevnis TiTebis bol o fal angebSi.

\\ CamoTvl il Tagan, romel i warmonaqmnis dazianebisas viTardeba spinuri gamtarebl obiTi anesTezia?

\\ ukana rqis;

\\ gverdiTi rqis;

\\ ukana svetis;

\\ ukana fesvis;

\\ wina SesarTavis.

\\ CamoTvl il Tagan, risi dazianeba iwvevs mgrZnobel obis moSl as "windebis" da "xel TaTmanebis" saxiT?

\\ periferiul i nervebis;

\\ mxris wnul is;

\\ tvinis Reros;

\\ mxedvel obis borcvis.

\\ CamoTvl il Tagan, ra ar aRiniSneba marcxena SigniTa kafsul is ukana fexis dazianebisas?

\\ marj venamxrivi spazmuri hemipl egia;

\\ kvadrantul i hemianofsia;

\\ marj venamxrivi gamtarebl obiTi tipis hemianesTezia;

\\ mxedvel obiTi hal ucinaciebi.

\\ CamoTvl il Tagan, ra ar axasiaTebis mxedvel obis borcvis l ateral uri birtvis dazianebas?

\\ Tal amuri dissociaciuri anesTezia;

\\ dizesTezia;

\\ hiperpaTia;

\\ paraanesTezia.

\\ \\ CamoTvl il Tagan, ra ar mi ekuTvneba gaukuRmarTebul mgrZnobel obas?  
\\ \\ di zesTezia;  
\\ \\ si nesTezia;  
\\ \\ tkivil i;  
\\ \\ hi perpaTia.

qal a-tvini s nervebi

\\ \\ CamoTvl il Tagan, romel i Tanafardoba Seesabameba Tavis tvini s nervebis dayofas \_ funqciis mixedviT?  
\\ \\ 3 wy. – mgrZnobel obis, 5 wy. – mamozravebel i, 4 wy. – Sereul i;  
\\ \\ 4 wy. – mgrZnobel obis, 4 wy. – mamozravebel i, 4 wy. – Sereul i;  
\\ \\ 4 wy. – mgrZnobel obis, 6 wy. – mamozravebel i, 2 wy. – Sereul i.

\\ \\ CamoTvl il Tagan, ra ar mi ekuTvneba ynosvis pirvel ad centrs?  
\\ \\ ynosvis samkuTxedi;  
\\ \\ ynosvis bol qvi;  
\\ \\ wina daxvretil i nivTiereba;  
\\ \\ gamWvirval e Zgide.

\\ \\ CamoTvl il Tagan, ra ar mi ekuTvneba ynosvis qerqul centrs?  
\\ \\ safeTql is wil is parahipokampis xveul i;  
\\ \\ korZiani sxeul i;  
\\ \\ dakbil ul i xveul i;  
\\ \\ hi pokampi.

\\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i ynosvis pirvel adi centrisTvis?  
\\ \\ ormxrivi qerqul i inervacia;  
\\ \\ kontrl ateral uri qerqul i inervacia;  
\\ \\ kavSiri safeTql is wil Tan.

\\ \\ CamoTvl il Tagan, romel ia sunis gaukuRmarTebul i SegrZneba?  
\\ \\ hi perosmia;  
\\ \\ anosmia;  
\\ \\ ynosviTi di zesTezia;  
\\ \\ hi posmia.

\\ \\ CamoTvl il Tagan, ras iwvevs ynosvis qerqul i centris gaRiziane ba?  
\\ \\ fsiqomotorul agznebas;  
\\ \\ smeniT hal ucinaciebs;  
\\ \\ ynosviT hal ucinaciebs;  
\\ \\ kr unCxvebs.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTeb s mxedvel obis nervs?  
\\ \\ badura garsze warmodgenil ia mxedvel obis nervis dvril iT;  
\\ \\ pirvel i neironebi moTavsebul ia mxedvel obis nervis diskSi;  
\\ \\ mxedvel obis nervs warmoqmni s pirvel i neironebis aqsonTa erTobl ioba.



\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS badura garss?

\\ \\ aris wina tvinis embrionul i Canasaxi;

\\ \\ baduraze moTavsebul ia mxedvel obis gzis sami periferiul i neironisgan warmoqnil i j aWvi;

\\ \\ badura garsi warmodgenil ia mxol od CxirebiT da kol bebiT.

\\ \\ CamoTvl il Tagan, romel i boWkoebi qmnis mxedvel obis nervebis j varedins?

\\ \\ bipol arul i neironebis aqsonebi;

\\ \\ mxol od, baduras nazal uri nawil ebidan dawyebul i boWkoebi;

\\ \\ mxol od, baduras temporal uri nawil ebidan dawyebul i boWkoebi.

\\ \\ CamoTvl il Tagan, romel i gamtarebia moTavsebul i mxedvel obis traqtSi?

\\ \\ meoTxe neironis aqsonebi;

\\ \\ orive badura garsis Tanamosaxel e naxevrebidan dawyebul i boWkoebi;

\\ \\ orive Tval idan gamosul i boWkoebi.

\\ \\ CamoTvl il Tagan, ratom proecirdeba badura garsze sagani Sencirebul i da Sebrunebul i saxiT?

\\ \\ mxedvel obis nervebis gadaj varedinebis gamo;

\\ \\ baduras nazal uri nawil ebidan dawyebul i boWkoebis gadaj varedinebis gamo;

\\ \\ sagnidan warmoqnil i sxivis minisebur sxeul Si gardatexis gamo.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS mxedvel obis traqts?

\\ \\ baduras zeda marcxena vel ebidan gamosul i boWkoebi moTavsebul ia marcxena mxedvel obis traqtis zeda nawil ebSi;

\\ \\ baduras zeda marj vena vel ebidan gamosul i boWkoebi moTavsebul ia marcxena mxedvel obis traqtis zeda nawil ebSi;

\\ \\ badura garsis qveda vel ebidan gamosul i boWkoebi moTavsebul ia mxedvel obis traqtis qveda nawil ebSi;

\\ \\ baduras zeda marcxena vel ebidan gamosul i boWkoebi moTavsebul ia marj vena mxedvel obis traqtis zeda nawil ebSi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS mxedvel obis traqts?

\\ \\ mxedvel obis traqti, xiazmis Semdeg, gaivl is tvinis fexSi;

\\ \\ mxedvel obis traqti mTavrdeba mxedvel obis pirvel ad centrebSi;

\\ \\ mxedvel obis traqti mTavrdeba mxedvel obis borcvis bal iSSi;

\\ \\ mxedvel obis traqti mTavrdeba oTxgorakis wina orgorakSi.

\\ \\ CamoTvl il i romel i warmonaqnidan iwyeba mxedvel obis anal izatoris meoTxe neironi?

\\ \\ mxedvel obis borcvis bal iSi dan;

\\ \\ oTxgorakis wina orgorakidan;

\\ \\ gareTa damuxl ul i sxeul idan;

\\ \\ mxedvel obis borcvis ventrokaudal uri birTvidan.

\\ \\ CamoTvl il Tagan, romel struqturaSia moTavsebul i gugis sinaTI eze  
reaqciis refl eqsuri centri?

\\ mxedvel obis borcvvis bal iSSi;

\\ oTxgorakis wina orgorakSi;

\\ gareTa damuxl ul sxeul Si;

\\ mxedvel obis borcvvis ventrokaudal ur birTvSi.

\\ \\ CamoTvl il Tagan, ra anatomiuri Tavisebureba ar axasiaTebS  
mxedvel obis anal izatoris meoTxe neironebis aqsonebs?

\\ gaivl is SigniTa kafsul is ukana fexSi;

\\ warmoqmnis graciol es konas;

\\ mTavrdeba kefis wil is medial ur zedapirze;

\\ mTavrdeba mxedvel obis meorad centrSi.

\\ \\ CamoTvl il Tagan, ra viTardeba mxedvel obis nervSi impul sis  
gatarebis srul i Sewyvetisas?

\\ ambl iopia;

\\ hemianofsia;

\\ skotoma;

\\ amavrozi;

\\ fotofsiebi.

\\ \\ CamoTvl il Tagan, ra SeiZI eba ganviTardes mxedvel obis anal izatoris  
gaRizianebis dros?

\\ ambl iopia;

\\ hemianofsia;

\\ skotoma;

\\ amavrozi;

\\ mxedvel obiTi hal ucinaciebi.

\\ \\ CamoTvl il Tagan, ra anatomiuri Tavisebureba ar aris  
damaxasiaTebel i hemianofsiiisaTvis?

\\ mxedvel obis defeqti orive vel is araTanamosaxel e naxevarSi;

\\ mxedvel obis defeqti orive vel is Tanamosaxel e naxevarSi;

\\ mxedvel obis defeqti orive vel is 1/4-Si.

\\ \\ CamoTvl il Tagan, ra ar vl indeba mxedvel obis nervis retrobul buri  
nawil is dazianebis dros?

\\ ambl iopia;

\\ amavrozi;

\\ sinaTI eze gugis pirdapiri reaqciis mospoba;

\\ dvril is hiperemia sazRvrebis waSI iT;

\\ fotofsiebi.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba xiazmis dazianebis dasrul ebul  
sindroms?

\\ srul i bitemporal uri hemianofsia;

\\ srul i binazal uri hemianofsia;

\\ sibrmave cal Tval ze da temporal uri hemianofsia meoreze;

\\ nazal uri hemianofsia cal Tval ze da fotofsiebi meoreze.

\\ CamoTvl il Tagan, ra SemTxvevaSi ar viTardeba kvadrantul i hemianofsia?

- \\ gareTa damuxl ul i sxeul is dazianebebis dros;
- \\ dezis napral is zeda kidis dazianebebis;
- \\ dezis napral is qveda kidis dazianebebis;
- \\ graciol es konis nawil obrivi dazianebebis.

\\ CamoTvl il Tagan, ra ar aRiniSneba graciol es konis dazianebebis?

- \\ kontrl ateral uri homonimuri hemianofsia;
- \\ mxedvel obis nervis atrofia;
- \\ uaryofiTi skotoma.

\\ CamoTvl il Tagan, ra uzrunvel yofs Tval is kakl ebebis SeuRI ebul i moZraobis koordinacias?

- \\ Tval is mamozravebel i nervi;
- \\ ganmzidvel i nervi;
- \\ WaRisebri nervi;
- \\ ukana medial uri gaswvriვი kona;

\\ CamoTvl il Tagan, ra uzrunvel yofs Tval is kakl ebebis nebisofiT moZraobas?

- \\ xidis "Tval is mamozravebel i centri";
- \\ ukana medial uri gaswvriვი kona;
- \\ me-8 adversiul i vel i;
- \\ wina central uri xeul i.

\\ CamoTvl il Tagan, ramdeni birTvi gaaCnia Tval is mamozravebel nervs?

- \\ erTi;
- \\ ori;
- \\ sami;
- \\ oTxi.

\\ CamoTvl il Tagan, romel i kraniul i nervis dazianebeba vl indeba enis naxebris atrofiiT da fibril Ta weviT?

- \\ XII wy.;
- \\ VII wy.;
- \\ VIII wy.;
- \\ IX wy.;
- \\ X wy.

\\ CamoTvl il Tagan, romel i kraniul i nervis dazianebeba iwvevs hiperakuziis ganviTarebas dazianebebis mxareze?

- \\ V wy.;
- \\ VII wy.;
- \\ VIII wy.;
- \\ IX wy.;
- \\ X wy.

\\ CamoTvl il Tagan, romel i kraniul i nervis dazianebeba iwvevs SigniTa siel mes?

- \\ III wy.;

\\ IV wy.;  
\\ VI wy.;  
\\ VII wy.

\\ \\ CamoTvl il Tagan, romel i struqturis dazianeba vl indeba sinaTI eze gugis pirdapiri da SeuRI ebul i reaqciis SesustebiT?

\\ \\ WaRisebri nervis;  
\\ \\ perl eas birTvis;  
\\ \\ edinger-vestfal is birTvis;  
\\ \\ Tval is mamozravebel i nervis;  
\\ \\ ganmzidvel i nervis.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis Tval is mamozravebel i nervis dazianebas?

\\ \\ ftozi;  
\\ \\ gaoreba;  
\\ \\ egzofal mi;  
\\ \\ Tval is kakl is SigniT moZraobis mospoba.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis benediqtis al ternaciul sindroms?

\\ \\ ftozi;  
\\ \\ gaoreba;  
\\ \\ ataqsia procesis mxareze;  
\\ \\ sinaTI eze gugis reaqciis mospoba.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis Tval is mamozravebel i nervis msxvil uj redovani birTvis izol irebul dazianebas?

\\ \\ qveda swori kunTis dambl a;  
\\ \\ qveda iribi kunTis dambl a;  
\\ \\ zeda quTuTos amwevi kunTis dambl a;  
\\ \\ wamwamovani kunTis dambl a.

\\ \\ CamoTvl il Tagan, ra ar viTardeba perl eas da wyvil i wvril marcvl ovani birTvebis dazianebias?

\\ \\ Tval is SigniT kunTebis dambl a;  
\\ \\ gugis Semaviwroebel i kunTis dambl a;  
\\ \\ SigniT swori kunTis dambl a;  
\\ \\ gugis gamafarToebel i kunTis dambl a.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis argail robertsonis sindroms?

\\ \\ sinaTI eze gugis reaqciis mospoba;  
\\ \\ akomodaciaze gugis reaqciis SenarCuneba;  
\\ \\ konvergenciaze gugis reaqciis SenarCuneba;  
\\ \\ amavrozi;  
\\ \\ anizokoria.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba atanasios sindromis dros?

\\ \\ sinaTI eze gugis reaqciis SenarCuneba;  
\\ \\ konvergenciaze gugis reaqciis mospoba;  
\\ \\ akomodaciaze gugis reaqciis SenarCuneba.

\\ \\ CamoTvl il Tagan, ra anatomiuri Tavisebureba ar axasiaTebS WaRisebr nervs?

\\ birtvi moTavsebul ia oTxgorakis zemoT;

\\ \\ ainervirebs Tval is mamozravebel , mxol od, erT kunTs;

\\ \\ Tval is kakal s atrial ebs qveviT da SigniT.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba WaRisebri nervis dazianebasas?

\\ \\ zeda ganivi kunTis dambl a;

\\ \\ gaoreba qveviT cqeris dros;

\\ \\ qveda iribi kunTis dambl a.

\\ \\ CamoTvl il Tagan, ra anatomiuri Tavisebureba ar axasiaTebS ganmzidvel i nervis birtvs?

\\ \\ gaaCnia ormxrivi qerqul i inervacia;

\\ \\ moTavsebul ia rombisebri fosos fskerze;

\\ \\ gars uvl is saxis nervi.

\\ \\ CamoTvl il Tagan, ra anatomiuri Tavisebureba ar axasiaTebS ganmzidvel nervs?

\\ \\ moTavsebul ia bazil arul i arteriis gaswrviv;

\\ \\ ainervirebs gareTa swor kunTs;

\\ \\ kavernoZul sinusSi moTavsebul ia samwvera nervis qveda totTan erTad.

\\ \\ CamoTvl il Tagan, ra niSniT gansxvavdeba ganmzidvel i nervis birtvis dazianeba TviT nervis dazianebisgan?

\\ \\ SigniT a siel miT;

\\ \\ Tval is kakl is gareT moZraobis mospobiT;

\\ \\ gaorebiT;

\\ \\ Tval is kakl is SeuRI ebul i moZraobis mospobiT.

\\ \\ CamoTvl il Tagan, ra axasiaTebS parinos sindroms?

\\ \\ divergenciul i strabizmi;

\\ \\ Tval is kakl ebis SeuRI ebul i moZraobis moSI a vertikal ur sibrtyeSi;

\\ \\ oftal mopl egia.

\\ \\ CamoTvl il Tagan, ra aris damaxasiaTebel i Subl is meore xveul is ukana nawil is dazianebi saTvis?

\\ \\ cqeris dambl a;

\\ \\ Tval is kakl ebis "Sebruneba kerisgan";

\\ \\ Tanmxl ebi hemipl egia;

CamoTvl il Tagan, ra SemTxvevaSia avadmyofis Tval is kakl ebi "Sebrunebul i paTol ogiuri kerisgan"?

\\ \\ me-8 adversiul i vel is dazianebi sas;

\\ \\ varol is xidis cal mxrivi dazianebi sas;

\\ \\ oTxgorakis dazianebi sas;

\\ \\ Subl is meore xveul is ukana nawil is dazianebi sas.

\\ \\ CamoTvl il Tagan, ra axasiaTebS ukana gaswrvivi konis cal mxriv da nawil obriv dazianebas?  
\\ \\ konvergenciul i strabizmi;  
\\ \\ cqeris dambI a;  
\\ \\ Tval is kabl ebis gansxvavebul i mdebareoba vertikal ur sibrtyeSi.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebS kl od bernar-horneris simptomokompl eqss?  
\\ \\ ftozi;  
\\ \\ miozi;  
\\ \\ enoftal mi;  
\\ \\ Tval is napral is Seviwroeba.

\\ \\ CamoTvl il Tagan, ra SemTxvevaSi ar vl indeba midriazi da egzoftal mi?  
\\ \\ edinger-vestfal is birTvis dazianebisas;  
\\ \\ kisris zeda simpaTikuri kvanZis dazianebisas;  
\\ \\ wamwamovani kvanZis dazianebisas;  
\\ \\ parasimpaTikuri inervaciis moSI is dros.

\\ \\ CamoTvl il Tagan, romel i struqturaa dazianebul i homonimuri hemianofsiis, marcxenamxrvivi central uri hemipl egiisa da cerebrul i gamtarebl obiTi hemianesteziis dros?  
\\ \\ marcxena SigniTa kafsul is muxl i;  
\\ \\ marj vena SigniTa kafsul is ukana fexi;  
\\ \\ tvinis Reros fuZe.

\\ \\ CamoTvl il Tagan, ra anatomiuri Tavisebureba axasiaTebS saxis nervis birTvs?  
\\ \\ moTavsebul ia varol is xidisa da mogrZo tvinis sazRvris areSi;  
\\ \\ birTvis wina nawil i central ur impul sacias iRebs orive hemosferodan;  
\\ \\ romisebr fosoSi, saxis nervis birTvs gars uvl is ganmzidvel i nervi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS saxis nervs?  
\\ \\ qmnis SigniTa muxl s \_ romisebr fosoSi;  
\\ \\ ainervi rebs yvel a mimikur kunTs;  
\\ \\ qal as Rrudan gamodis sadgis-dvriI isebri xvrel iT.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS Suamdebare nervs?  
\\ \\ gaaCnia centriskenuI i gemovnebis boWkoebi;  
\\ \\ gaaCnia centridanul i sekretorul i boWkoebi;  
\\ \\ aqvs saerTo birTvi samwvera nervTan.

\\ \\ CamoTvl il Tagan, romel i gamtari ar gamoeyofa saxis nervs fal opis arxSi?  
\\ \\ dafis simi;  
\\ \\ didi kl dovani nervi;  
\\ \\ uzangis nervi;

\\ sacremi e nervi.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba saxis nervis periferiul i dambl is dros?

\\ \\ saxis asimetria;

\\ \\ I agoftal mi;

\\ \\ enis atrofia;

\\ \\ "bel is" ni Sani;

\\ \\ "Coganis" ni Sani.

\\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i saxis nervis neiropaTiisaTvis?

\\ \\ ftozi;

\\ \\ cxvir-tuCiis naoWi gasadaveba;

\\ \\ piris kuTxis daSveba;

\\ \\ I agoftal mi.

\\ \\ CamoTvl il Tagan, ra ar viTardeba saxis nervis dazianebras tvinis Reros fuZeze?

\\ \\ prozopl egia;

\\ \\ saxis asimetria;

\\ \\ kidurebis spazmuri dambl a.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis fovil is al ternaciul sindroms?

\\ \\ ganmzidvel i nervis dambl a \_ procesis mopirdapire mxareze;

\\ \\ prozopl egia \_ procesis mxareze;

\\ \\ kidurebis spazmuri dambl a - procesis mopirdapire mxareze.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis saxis nervis fesvis dazianebras tvinis Rerodan gamosvl is areSi?

\\ \\ prozopl egia;

\\ \\ siyrue;

\\ \\ cremi is dena;

\\ \\ gemovnebis moSI a enis wina 2/3-Si;

\\ \\ ataqsia.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis saxis nervis dazianebras Zvl ovan arxSi, damuxl ul kvanZamde?

\\ \\ prozopl egia;

\\ \\ gaZl ierebul i cremi is dena;

\\ \\ hiperakuzia;

\\ \\ nerwyvis dena.

\\ \\ CamoTvl il Tagan, ras ar iwvevs saxis nervis dazianeba didi kl dovani nervis gamoyofis Semdeg?

\\ \\ prozopl egias;

\\ \\ gemovnebis moSI as;

\\ \\ nerwyvis denas;

\\ \\ hiperakuzias;

\\ \\ Tval is simSral es.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba saxis nervis dazianebisas uzangis nervis gamoyofis Semdeg \_ dafis simis gamoyofamde?

\\ prozopal gia;

\\ creml is dena;

\\ gemovnebis moSI a;

\\ nerwyvis dena.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba saxis nervis dazianebisas dafis simis gamoyofis Semdeg?

\\ prozopl egia;

\\ Tval is simSral e;

\\ gemovnebis moSI a;

\\ hiperakuzia.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis xantis sindroms?

\\ prozopl egia;

\\ tkivil i sasmen mil Si;

\\ hiperakuzia;

\\ herpesul i gamonayari yuris niJaris irgvl iv.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba saxis nervis nevrall giis dros?

\\ mimikuri kunTebis kontraqtura;

\\ tkivil i;

\\ "niangis creml ebis" simptomi;

\\ gaZl ierebul i nerwyvis dena;

\\ xarmanis simptomi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis smenis nervis koxl earul nawil s?

\\ wminda mgrZnobel obis nervia;

\\ Sedgeba ori neironis j aWvisgan;

\\ pirvel i neironis aqsonebi mTavrdeba koxl earul i nervis birTvebSi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis smenis nervs?

\\ meore neironis aqsonebi mTavrdeba oTxgorakis qveda orgorakSi;

\\ oTxgorakis qveda orgorakSi moTavsebul ia smenis sabol oo neironebi;

\\ meore neironis aqsonebi mTavrdeba medial ur damuxl ul sxeul Si.

\\ \\ CamoTvl il Tagan, cal mxrivi procesis arsebobisas, ra SemTxvevaSi ar viTardeba cal mxrivi siyrue?

\\ Sua yuris dazianebisas;

\\ SigniTa yuris dazianebisas;

\\ koxl earul i birTvebis dazianebisas;

\\ l ateral uri maryuJis dazianebisas.

\\ \\ CamoTvl il Tagan, cal mxrivi procesis arsebobisas, ra SemTxvevaSi viTardeba cal mxrivi siyrue?

\\ oTxgorakis qveda orgorakis dazianebisas;

\\ SigniTa kafsul is dazianebis drosas;

\\ kortiis spiral uri kvanZis dazianebisas;



\\l qerqul i centrebis daziane bisas.

\\l\\l CamoTvl il Tagan, ra sixSiris rxevas SeigrZnobs adami ani s yuri?

\\ 20-dan 40 000 hercamde;

\\l 16-dan 30 000 hercamde;

\\l 10-dan 20 000 hercamde.

\\l\\l CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTeb s koxl earul nervs?

\\l smeni s meore neironis aqsonebi iwye ba koxl earul i nervis orive birTvidan;

\\ koxl earul i birTvebi moTavsebul ia mogrZo tvinSi;

\\l gadauj varedinebel i boWkoebi, varol is xidSi Sedis l ateral uri maryuJis Semadgenl obaSi.

\\l\\l CamoTvl il Tagan, romel i ganmarteba ar Seesabameba smeni s anal izatoris paTol ogias?

\\l hypoakusis;

\\l amblyopia;

\\l hyperakusis;

\\l anakusis;

\\l surditas.

\\l\\l CamoTvl il Tagan, romel i paTol ogiis dros ver ikvl even siyrues veberis meTodiT?

\\l Sua yuris anTe ba;

\\l dafis apkis daziane ba;

\\l kortiis organos daziane ba;

\\l smeni s Zvl ebi s daziane ba.

\\l\\l CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTeb s smeni s nervis vestibul ur nawil s?

\\l wmi nda mgrZnobel obis nervia;

\\l pirvel i neironebi moTavsebul ia skarpis vestibul ur kvanZSi;

\\l tvini s ReroSi Sedis tvini s fexsa da xids Soris.

\\l\\l CamoTvl il Tagan, sad ar mTavrde ba smeni s sabol oo neironebi?

\\l safeTql is wil is qerqSi;

\\l Subl -safeTql is wil ebi s SesarTavSi;

\\l geSl is xveul Si (sil viis napral is sisqeSi).

\\l\\l CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTeb s vestibul ur nervs?

\\l qal as RruSi gadadis SigniTa sasmeni mil is saSual ebiT;

\\l rombisebr fosoSi iyofa sam totad;

\\l tvini s ReroSi Sedis naTxem-xidis kuTxeSi.

\\l\\l CamoTvl il Tagan, ra ar miekuTvne ba vestibul uri aparatis periferiul nawil s?

\\l karibWis sami naxevarrkal ovani arxi;

\\l l okokinas el ifsur i parki;

\\ dafis apki.

\\\ CamoTvl il idan, nervul i sistemis romel nawil Tan ar aris dakavSirebul i vestibul uri aparati?

- \\ naTxemis karavis birTvTan;
- \\ ukana gaswvriw konasTan;
- \\ mxedvel obis borcvTan;
- \\ zurgis tvinis wina rqebTan;
- \\ gaseris kvanZTan.

\\\ CamoTvl il Tagan, ra ar aRiniSneba vestibul uri anal izatoris dazianebis dros?

- \\ vestibul uri ataqsia;
- \\ nistagmi;
- \\ Rebineba;
- \\ dismetria;
- \\ Tavbrusxveva.

\\\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis samwvera nervs?

- \\ Sereul i nervia;
- \\ mgrZnobel obis fesvi \_ tvinis nivTierebaSi Sedis naTxemis Sua fexsa da varol is xids Soris;
- \\ mamozravebel i fesvi \_ tvinis nivTierebaSi Sedis varol is xidsa da mogrZo tvins Soris;

\\\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis samwvera nervs?

- \\ samwvera nervis sami msxvil i nervul i Rero Seqmnil ia gaseris kvanZis uj redTa dendritebiT;
- \\ pirvel i toti (n.opthalmicus) - qal as Rrudan gamodis Tval budis zeda napral iT;
- \\ meore toti (n.maxillaris) - qal as Rrudan gamodis oval uri xvrel iT.

\\\ CamoTvl il Tagan, ra ar miekuTvneba samwvera nervis mgrZnobel obis zonas?

- \\ saxis kani;
- \\ Tval is kakl ebi;
- \\ cxvirisa da piris Rrus l orwovani garsi;
- \\ enis ukana mesamedi;
- \\ tvinis wina fosos magari garsi.

\\\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis samwvera nervs?

- \\ n.mandibularis aris samwvera nervis mesame toti;
- \\ motorul i fesvis boWkoebi - Tavis qal adan gamodis mrgval i xvrel iT;
- \\ motorul i fesvis boWkoebi periferiaze warmoqmniis qvedaybis nervs.

\\\ CamoTvl il Tagan, romel kunTebis ar ainervi rebs samwvera nervis mesame toti?

- \\ saReW kunTebis;

\\ yba-ensqveSa kunTebS;  
\\ ormucl a kunTis ukana mucel s;  
\\ dafis apkis damWimav kunTs.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS  
samwvera nervs?  
\\ mamozravebel i birTvi impul sebs iRebs precentral uri xveul is zeda  
nawil idan;  
\\ saReW birTvebs gaaCnia ormxrivi, dubl irebul i central uri inervacia;  
\\ saReWi birTvi moTavsebul ia varol is xidis saxuravis ukana-gverdiT  
nawil Si.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS  
samwvera nervs?  
\\ pirvel i neironebi moTavsebul ia gaseris kvanZSi;  
\\ meore neironebi moTavsebul ia samwvera nervis mgrZnobel obis  
birTvebSi;  
\\ mesame neironebi moTavsebul ia kudiani birTvis TavSi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS  
samwvera nervs?  
\\ mgrZnobel obis zeda birTvi moTavsebul ia xidis zeda naxevarSi;  
\\ mgrZnobel obis zeda birTvs ewodeba nucleus sensorius n.trigemini;  
\\ mgrZnobel obis zeda birTvSi TavS iyris proprioceptul i impul sacia.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS  
samwvera nervs?  
\\ samwvera nervis mgrZnobel obis qveda birTvi moTavsebul ia mogrzo  
tvnSi;  
\\ mgrZnobel obis qveda birTvs ewodeba samwvera nervis spinuri traqtis  
birTvi;  
\\ spinuri traqtis birTvi, funqciuri daniSnul ebis mixedviT, gol isa da  
burdaxis birTvebis msgavsia.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS  
samwvera nervs?  
\\ mgrZnobel obis Sua birTvi moTavsebul ia varol is xidis qveda  
mesamedSi;  
\\ mgrZnobel obis Sua birTvs gaaCnia segmenturi agebul eba;  
\\ mgrZnobel obis Sua birTvi yvel aze masiuria samwvera nervis  
mgrZnobel obis birTvebs Soris.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS  
samwvera nervs?  
\\ mgrZnobel obis meore neuronis aqsonebi mTavrdeba mxedvel obis  
borcvSi;  
\\ mgrZnobel obis birTvebis yvel a neuronis aqsoni uerTdeba medial ur  
maryuJs;  
\\ mezencefal uri da ZiriTadi mgrZnobel obis birTvebis aqsonebi  
warmoqmniS samwvera nervis maryuJs.

\\ CamoTvl il Tagan, romel i refl eqsuri rkal is warmoqmnaSi ar monawil eobs samwvera nervis birTvTa uj redebi?

\\ r qovanas;

\\ warbzedas;

\\ xaxis;

\\ dafis apkis;

\\ qvedaybis.

\\ CamoTvl il Tagan, ra saxiT ar vl indeba mgrZnobel obis moSI a saxeze V wy. kraniul i nervis dazianebisas?

\\ periferiul i tipiT;

\\ birTvobrivi, anu segmenturi tipiT;

\\ gamtarebl obiTi tipiT.

\\ CamoTvl il Tagan, ra SemTxvevaSi ar aRiniSneba samwvera nervis iritaciit gamowveul i tkivil i?

\\ samwvera nervis nevral gia;

\\ dental uri pl eqsal gia;

\\ benediqtis sindromi;

\\ xantis sindromi;

\\ Carl inis sindromi.

\\ CamoTvl il Tagan, ra ar viTardeba samwvera nervis portio minor-is gaRizianebisas?

\\ saReWi kunTebis kl onuri krunCxvebi;

\\ trizmi;

\\ kbil ebis xrWial i;

\\ brugsizmi.

\\ CamoTvl il Tagan, ra ar vl indeba safeTqel -qvedaybis saxsris disfunqciis sindromis dros?

\\ tkivil i, iradiaciit saxis romel ime monakveTSi;

\\ herpesul i gamonayari yuris niJaras irgvl iv;

\\ tkacuni qvedaybis moZraobis dros;

\\ qvedaybis moZraobis SezRudva.

\\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis XI wy. kraniul nervs?

\\ birTvi moTavsebul ia mogrZo tvinSi;

\\ cnobil ia, rogorc vil iziis damatebiTi nervi;

\\ motorul i nervia;

\\ qal as Rrudan gamodis sauRI e xvrel iT.

\\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis XI wy. kraniul nervs?

\\ ainervirebs mxol od erT kunTs;

\\ ainervirebs mkerd-l aviw-dvril isebr da trapeciul kunTebis;

\\ mis birTvs gaaCnia ormxrivi qerqul i inervacia;

\\ warmoiqmneba 6-7 wvril i fesvis SerwymiT.

\\ CamoTvl il Tagan, ra ar warmoadgens damatebiTi nervis funqcias?

\\ Tavis mitrial eba mopirdapire mxares;  
\\ "mxrebis aCeCva";  
\\ Tavis daxra win da ukan;  
\\ beWebis mi axl oeba xerxemat Tan.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba damatebiTi nervis dazianebis dros?

\\ j anmrTel mxares Tavis mitrial ebis gaZnel eba;  
\\ Tavis ukan gadaxris gaZnel eba;  
\\ mxris daSveba dazianebul mxareze;  
\\ horizontal ur xazs zeviT xel is awevis SezRudva.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebs enisqveSa nervs?

\\ birTvi moTavsebul ia rombisebri fosos fskerze;  
\\ Sereul i nervia;  
\\ periferiul i nawil i gamodis mogrZo tvinis piramidebsa da ol ivebs Soris;  
\\ Tavis qal as tovebs enisqveSa arxis saSual ebiT.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebs enisqveSa nervs?

\\ birTvs gaaCnia ormxrivi qerqul i inervacia;  
\\ birTvi impul sebs iRebs precentral uri xveul is qveda mesamedidan;  
\\ nervis birTvzeda boWkoebi, kortikonukl earul i konis Semadgenl obaSi, gadis SigniTa kafsul is muxl Si.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba enisqveSa nervis cal mxrivi dazianebis dros?

\\ periferiul i dambl a;  
\\ enis wveris gadaxra, enis win gamoyofisas;  
\\ fibril Ta TrTol va enaze;  
\\ enis naxebris atrofia;  
\\ danawevrebul i metyvel eba.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebs IX wy. kraniul nervs?

\\ mgrZnobel obis nervia;  
\\ gaaCnia 4 birTvi;  
\\ birTvebi moTavsebul ia mogrZo tvinSi;  
\\ birTvebs gaaCnia ormxrivi qerqul i inervacia.

\\ \\ CamoTvl il Tagan, romel i ar miekuTvneba ena-xaxis nervis birTvebs?

\\ nucleus alae cinareae;  
\\ nucleus masticatorius;  
\\ nucleus tractus solitari;  
\\ nucleus salivatorius;  
\\ nucleus ambiguus.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebs ena-xaxis nervs?

\\ birTvebidan gamosul i aq̄sonebi, mogrZo tvinis zedapirze gamodis ol ivebsa da naTxemis qveda fexebS Soris;  
\\ birTvTvebidan gamosul i aq̄sonebi qal as Rrudan gamodis erTiani Reros saxiT;  
\\ birTvebidan gamosul i aq̄sonebi erTiandeba sauRI e xvrel idan gamosvl is Semdeg.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS gemovnebis birTvs?  
\\ gemovnebis birTvSi mTavrdeba ena-xaxis nervis mgrZnobel obis boWkoebi;  
\\ saerToa V wy. da IX wy. kraniul i nervebisTvis;  
\\ birTvidan gamosul i aq̄sonebi miemarTeba nucleus alae cinareae-Si.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba orive enisqveSa nervis dazianebisas?  
\\ enis orive naxebris atrofia;  
\\ fibril Ta TrTol va enis orive naxevarze;  
\\ gl osopl egia;  
\\ anarTria;  
\\ disfagia.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS ena-xaxis nervs?  
\\ nucleus alae cinareae-dan gamosul i gemovnebis boWkoebi gadadis mopirdapire mxareze;  
\\ gemovnebis meore neironis aq̄sonebi, gadaj varedinebis Semdeg, uerTdeba medial ur maryuJs;  
\\ gemovnebis meore neironis aq̄sonebi mTavrdeba safeTql is wil Si.

\\ \\ CamoTvl il Tagan, ras ar ainerviRebs ena-xaxis nervis mgrZnobel obis boWkoebi?  
\\ Sua yurs;  
\\ cxviris l orwovan garss;  
\\ xaxas.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS ena-xaxis nervis sekretorul boWkoebs?  
\\ iwyeba sanerwyve birTvidan;  
\\ sanerwyve birTvidan gamosul i boWkoebi miemarTeba gaseris kvanZSi;  
\\ aRwevs ybayura sanerwyve j irkval s.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebS ena-xaxis nervis cal mxriv dazianebas?  
\\ yl apvis moSI a;  
\\ anarTria;  
\\ gemovnebis moSI a.

\\ \\ CamoTvl il Tagan, ra ar vl indeba ena-xaxis nervis motorul i boWkoebis cal mxrivi dazianebis dros?  
\\ yl apvis gaZnel eba \_ magari sakvebis miRebisas;

\\ naqis gadaxra paTol ogiuri procesis mxares;  
\\ rbil i sasis daSveba – dazianebis mxareze.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis cTomil nervs?

\\ birTvebi moTavsebul ia mogrZo tvinSi;  
\\ kraniul nervebSi, yvel aze grZel i nervia;  
\\ mgrZnobel obis nervia;  
\\ monawil eobs Sinagani organoebis inervaciaSi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis cTomil i nervis mgrZnobel obis boWkoebs?

\\ iwyeba zeda kvanZi dan (ganglion jugulare);  
\\ zeda kvanZis uj redTTa dendritebi qmnis yuris tots (ramus auricularis);  
\\ iwyeba qveda kvanZi dan (ganglion nodosum);  
\\ qveda kvanZis uj redTTa dendritebi qmnis tvinis magari garsis totebs (ramus meningeus).

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis fsevdobul bur dambI as?

\\ viTardeba tvinis Reros fuZis dazianebisas;  
\\ viTardeba orive kortikonukl earul i gzis dazianebisas;  
\\ viTardeba mogrZo tvinis central uri inervaciis ormxrivi moSI is SemTxvevaSi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis cTomil i nervis mgrZnobel obis boWkoebs?

\\ ukavSirdeba ena-xaxis nervis totebs;  
\\ IX wy. kraniul i nervis totebTan erTad qmnis xaxis wnul s;  
\\ ainervi ebs xaxis, xorxisa da rbil i sasis l orwovan garss;  
\\ sabol oo aqsonebi mTavrdeba mxedvel obis borcvSi.

\\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i bul buri sindromisaTvis?

\\ afonia;  
\\ disfagia;  
\\ emociuri l abil oba;  
\\ "fardis" ni Sani;  
\\ disfagia.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis cTomil nervs?

\\ motorul i nawil is qerqul i centri mdebareobs wina central uri xveul is qveda mesamedSi;  
\\ motorul i birTvi (nucleus ambiguus) saerToa IX wy. nervTan;  
\\ ormagi birTvidan, cTomil i nervis boWkoebi periferiaze gamodis oval uri xvrel is saSual ebiT.

\\ \\ CamoTvl il Tagan, riT gansxvavdeba fsevdobul buri sindromi bul burisgan?

\\ afonia;

\\ unebi e xasiaTis tiril i da sicil i;  
\\ disfagia.

\\ \\ CamoTvl il Tagan, romel i warmonaqmnidan ar iwyeba cTomil i nervis eferentul i parasimpaTikuri boWkoebi?  
\\ rombisebr fososi moTavsebul i birTvidan;  
\\ ormagi birTvidan;  
\\ dorsal uri birTvidan.

\\ \\ CamoTvl il Tagan, ra ar aris gamoxatul i cTomil i nervis cal mxrivi dazianebris dros?  
\\ rbil i sasis daSveba dazianebris mxareze;  
\\ naqis gadaxra procesis mxares;  
\\ xaxis refl eqsis mospoba dazianebris mxareze.

\\ \\ CamoTvl il Tagan, ra ar AaRiniSneba cTomil i nervis ormxrivi dazianebris dros?  
\\ cxvirismieri el feris metyvel eba;  
\\ rbil i sasis dambl a;  
\\ gaZl ierebul i nerwyvisdena;  
\\ yl apvis moSl a;  
\\ xorxsarqvel is dambl a.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis cTomil i nervis ormxriv dazianebras?  
\\ afonia;  
\\ anarTria;  
\\ disfagia;  
\\ aspiraciul i pnevmonia.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebis bul bur dambl as?  
\\ viTardeba varol is xidSi birTvebis dazianebrisas;  
\\ viTardeba IX, X da XII wy. kraniul i nervebis ormxrivi dazianebrisas;  
\\ viTardeba IX, X da XII wy. kraniul i nervebis birTvebis ormxrivi dazianebrisas.

\\ \\ CamoTvl il Tagan, ra ar viTardeba mogrZo tvinis central uri inervaciis cal mxrivi moSl is dros?  
\\ enisqveSa nervis central uri parezi;  
\\ saxis nervis qveda totis parezi;  
\\ piris kuTxis daSveba \_ procesis mxareze;  
\\ enis wveris gadaxra procesis mxares, piris Rrudan enis win gamoyofisas.

\\ \\ CamoTvl il Tagan, ra komponentiT hgavs erTmaneTs bul buri da fsevdobul buri dambl a?  
\\ paTol ogiuri procesis identurobiT;  
\\ ormxrivi paTol ogiuri keris arsebobiT;  
\\ kl inikuri gamovl inebis identurobiT.



\\ CamoTvl il Tagan, ra warmoadgens kardinal ur gansxvavebas bul buri da fsevdobul buri dambl ebis Soris?  
\\ gamomwvevi paTol ogiuri procesi;  
\\ dambl ebis xasiaTi;  
\\ gamosavl is simZime.

koordinaciis sistema

\\ CamoTvl il Tagan, naTxemis qerqis romel i struqturidan iwyeba daRmaval i traqti?  
\\ gareTa mol ekul uri Sre;  
\\ marcvl ovani uj redebi;  
\\ varskvl avis magvari uj redebi;  
\\ purkinies uj redebi;  
\\ kal aTis formis uj redebi.

\\ CamoTvl il Tagan, romel i sistemis funqcionirebaze, uSual od ar aris damokidebul i moZraobis koordinacia?  
\\ naTxemi;  
\\ mxedvel obis anal izatori;  
\\ vestibul uri aparati;  
\\ Rrma mgrZnobel oba.

\\ CamoTvl il Tagan, romel struqturibs ar esazRvreba naTxemi?  
\\ varol is xids;  
\\ kefis wil ebs;  
\\ mogrZo tvins;  
\\ mxedvel obis borcvebs.

\\ CamoTvl il Tagan, tvinis romel nawil s ar ukavSirdeba naTxemi \_ sami wyvil i fexis saSual ebiT?  
\\ Sua tvins;  
\\ varol is xids;  
\\ xidis birTvebs;  
\\ oTxgorakis qveda orgoraks;  
\\ mogrZo tvins.

\\ CamoTvl il Tagan, romel i anatomiuri Tavisibureba ar axasiaTebis naTxemis xveul ebs?  
\\ ganl agebul ia erTmaneTis paral el urad;  
\\ erTmaneTisagan gamoyofil ia viwro RarebiT;  
\\ maTi diametri matul obs konveqsidan fuZis mimarTul ebiT.

\\ CamoTvl il Tagan, romel i anatomiuri Tavisibureba ar axasiaTebis naTxemis Wias?  
\\ Wiis mTI ianobas wyvets meoTxe parkuWi;  
\\ rostral ur bol os ewodeba lingula;  
\\ kaudal ur bol os ewodeba nodulus;  
\\ sagital ur ganakveTze, is el ifsoiduri formisaa.

\\ \\ CamoTvl il Tagan, ra Tavisebureba ar axasiaTebs paleocerebellum-s?  
\\ \\ mis Semadgenl obaSi Sedis naTxemis hemisferoebis zeda wil i da Wiis  
zeda da qveda nawil ebi;  
\\ \\ ZiriTad impul sebs iRebs spinocerebel uri gzebis saSual ebiT;  
\\ \\ ganapirobebs swor xazze siarul s.

\\ \\ CamoTvl il Tagan, ra Tavisebureba ar axasiaTebs axasiaTebs  
neocerebellum-s?  
\\ \\ mas miekuTvneba yvel a warmonaqmni, romel ic moTavsebul ia ZiriTad da  
ukana l ateral ur napral ebs Soris;  
\\ \\ ixvweboda didi tvinis qerqis formirebis paral el urad;  
\\ \\ ganapirobebs natif moZraobebs;  
\\ \\ aregul irebs im j gufis kunTebs tonuss, roml ebic inarCuneben  
sxoul is pozas.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebs  
naTxemSi moTavsebul birtvebs?  
\\ \\ yvel aze didi birtvi moTavsebul ia WiaSi;  
\\ \\ dakbil ul i birtvi moTavsebul ia naTxemis hemisferos TeTr  
nivTierebaSi;  
\\ \\ sacobisebri birtvi moTavsebul ia IV parkuWis saxuravSi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebs  
naTxemis karavis birtvs?  
\\ \\ fil ogenezurad, naTxemis birtvebs Soris, yvel aze Zvel i warmonaqmnia;  
\\ \\ eferentul i boWkoebi naTxemis qveda fexiT ukavSirdeba vestibul ur  
birtvs;  
\\ \\ aferentacias iRebs pal eocerebel umidan.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebs  
naTxemis dakbil ul birtvs?  
\\ \\ mocul obiT yvel aze didi birtvia;  
\\ \\ impul sebs iRebs arqicerebel umis purkinies uj redebisgan;  
\\ \\ misi eferentul i boWkoebi ukavSirdeba kontrl ateral ur wiTel  
birtvs.

\\ \\ CamoTvl il Tagan, romel i warmonaqmnis saSual ebiT ar iRebs naTxemi  
impul sebs kunTebidan?  
\\ \\ ukana spinocerebel uri gza;  
\\ \\ goversis kona;  
\\ \\ propioceptul i aparati;  
\\ \\ retikul ospinuri traqti.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebs  
fl eqsigis konas?  
\\ \\ Sedgeba 6 neironis j aWvisgan;  
\\ \\ meore neironebi (kl ark-Stil ingis uj redebi) moTavsebul ia zurgis  
tvinis ukana rqaSi;  
\\ \\ naTxemSi Sedis ukana fexis saSul ebiT;  
\\ \\ neironi moTavsebul ia dakbil ul birtvSi.

\\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS  
goversis konas?

\\ aris ukana spinocerebel uri traqti;

\\ meore neironis aqsonebi moTavsebul ia zurgis tvinis orive gverdiT  
svetSi;

\\ naTxemSi Sedis wina fexis saSual ebiT;

\\ zurgis tvinis gverdiT svetSi Tavsdeba fl eqsigis konis win.

\\ \\ CamoTvl il Tagan, sad aris moTavsebul i kl ark-Stil ingis uj redebi?

\\ zurgis tvinis yvel a ukana rqaSi;

\\ ukana rqebSi \_ C8-L2 segmentebSi;

\\ ukana rqebSi \_ D6-L5 segmentebSi.

\\ \\ CamoTvl il Tagan, ra udevs safuZvl ad stiuart-hol msis fenomens?

\\ piramidul i sistemis dazianebe;

\\ qerqqveSa kvanZebis dazianebe;

\\ mxedvel obis borcvis dazianebe;

\\ naTxemis hemisferos dazianebe;

\\ vestibul o-spinuri gzis dazianebe.

\\ \\ CamoTvl il i, romel i struqturidan ar iRebs aferentul ,  
proprioceptul impul sacias naTxemi?

\\ gol isa da burdaxis birTvebi;

\\ vestibul uri (deitersis) birTvi;

\\ mogrZo tvinis piramidebi;

\\ qveda ol ivebi.

\\ \\ CamoTvl il Tagan, romel i impul sacia ar Sedis naTxemis WiaSi ukana  
fexiT (crura cerebelli ad medullam oblongatam)?

\\ proprioceptul i;

\\ eqsteroceptul i;

\\ vestibul uri;

\\ eqstrapiramidul i.

\\ \\ CamoTvl il i, romel i sistemidan ar Sedis impul sebi naTxemSi Sua  
fexiT (crura cerebelli ad pontem)?

\\ piramidul i sistemidan;

\\ Subl is wil idan;

\\ mxedvel obis borcvidan;

\\ kefa-safeTql is wil ebidan.

\\ \\ CamoTvl il Tagan, ra udevs safuZvl ad naTxemisebri ataqsiis  
ganviTarebas?

\\ fl eqsigis konis dazianebe;

\\ zerel e mgrZnobel obis gzis dazianebe;

\\ Rrma mgrZnobel obis gzis dazianebe;

\\ dento-rubral uri gzis dazianebe.

\\ \\ CamoTvl il Tagan, romel i gamtari ar gamodis naTxemidan wina fexebi T  
(crura cerebelli ad corpora quadrigemina)?

\\ tr. cerebellorubralis;

- \\ tr. reticulospinalis;
- \\ \\ tr. tectithalamici;
- \\ \\ tr. spinocerebelaris ventralis.

\\ \\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS naTxemis sistemaSi arsebul gamtari gzebis j varedinebs?

- \\ Sua fexebis j varedini;
- \\ \\ wina fexebis j varedini;
- \\ \\ forel is j varedini;
- \\ ukana fexebis j varedini;
- \\ \\ verne-kingis j varedini.

\\ \\ \\ CamoTvl il Tagan, ra vl indeba naTxemis Wiis dazianebs dros?

- \\ statikuri ataqsia;
- \\ \\ dismetria;
- \\ \\ mTvr al isebri siarul i;
- \\ \\ intenciuri kankal i.

\\ \\ \\ CamoTvl il Tagan, cerebrul i ataqsiis gamomwvevi mizezia?

- \\ \\ naTxemis Wiis dazianeba;
- \\ \\ zurgis tvinis ukana svetebis dazianeba;
- \\ \\ piramidul i gzis dazianeba;
- \\ \\ fl eqsigis da goversis konebis dazianeba;
- \\ \\ Subl -xid-naTxemis gzi dazianeba.

\\ \\ \\ CamoTvl il Tagan, ra Tavisebureba ar axasiaTebS archicerebellum-s?

- \\ \\ naTxemis yvel aze Zvel i warmonaqmnia;
- \\ \\ dakavSirebul ia vestibul ur sistemasTan;
- \\ \\ ganapirobebs natif moZraobebs.

\\ \\ \\ CamoTvl il Tagan, romel i anatomiuri Tavisebureba ar axasiaTebS naTxemis momrgval ebul da sacobisebr birTvebs?

- \\ aferentul impul sebs iRebs neocerebel umidan;
- \\ \\ maTi eferentul i boWkoebi ukavSirdeba kontrI ateral ur wiTel birTvs;
- \\ \\ maTi eferentul i boWkoebi naTxemi dan gamodis wina fexis saSual ebiT.

\\ \\ \\ CamoTvl il Tagan, romel i fenomeni ar arisAataqsiis mizezi?

- \\ \\ kunTTa SeTanxmebul i moqmedebis mospoba;
- \\ \\ reciprokul i inervaciis moSl a;
- \\ \\ zerele mgrZnobel obis moSl a;
- \\ \\ proprioceptul i impul saciis Sewyveta.

\\ \\ \\ CamoTvl il Tagan, romel i gamokvl eva ar gamoiyeneba ataqsiis gamosavl enad?

- \\ \\ cxvir-TiTis cda;
- \\ \\ muxl -qusi is cda;
- \\ \\ or wertil s Soris swori xazis gavleba;
- \\ \\ xel Si miwodebul i sagnis formis amocnoba, daxuWul i Tval ebiT;
- \\ \\ siarul i swor xazze.

\\ \\ CamoTvl il Tagan, romel i paTol ogia ar iwvevs moZraobis koordinaciis moSI as?

- \\ zurgis tvinis ukana svetebis dazianeba;
- \\ I abirinTis dazianeba;
- \\ naTxemis birtvebis dazianeba;
- \\ mxedvel obis borcvvis dazianeba;
- \\ periferiul i nervebis dazianeba.

\\ \\ CamoTvl il Tagan, ra udevs safuZvl ad vestibul uri ataqsiis ganviTarebas?

- \\ piramidul i gzis dazianeba;
- \\ zurgis tvinis ukana svetebis dazianeba;
- \\ kortiko-bul buri gzis dazianeba;
- \\ monakovis konis dazianeba;
- \\ otol ituri aparatis dazianeba.

\\ \\ CamoTvl il Tagan, ra ar aris gamoxatul i naTxemis hemisferos dazianebias?

- \\ intenciuri kankal i;
- \\ dinamikuri ataqsia;
- \\ yifSiZis niSani;
- \\ sakoordinacio cdebi dismetriiT;
- \\ statikuri ataqsia.

\\ \\ CamoTvl il Tagan, sakoordinacio cdebis Sesrul ebisas, ra ar miuTitebs inkoordinaciaze?

- \\ hipometria;
- \\ hipermetria;
- \\ fanduris niSani;
- \\ intenciuri kankal i.

\\ \\ CamoTvl il Tagan, romel i l okal izaciis dazianebis dros vl indeba „saqanel asebril“ refl eqsi?

- \\ zurgis tvinis;
- \\ naTxemis;
- \\ I ateral uri piramidul i gzis;
- \\ qerqqveSa kvanZebis;
- \\ vestibul uri sistemis.

\\ \\ CamoTvl il Tagan, romel i struqturiT aris gamoyofil i kefis wil ebi naTxemisgan?

- \\ tvinis ReroTi;
- \\ medial uri maryuJiT;
- \\ naTxemis karaviT;
- \\ korZiani sxedul iT.

\\ \\ CamoTvl il Tagan, romel i struqturiT ukavSirdeba naTxemi tvinis Reros?

- \\ korZiani sxedul iT;
- \\ proeqciul i boWkoebiT;
- \\ retikul uri formaci iT;

\\ graciol es koniT;  
\\ sami wyvil i fexiT.

\\ \\ CamoTvl il Tagan, ra udevs safuZvl ad senzitiuri ataqsiis ganvi Tarebas?

\\ \\ naTxemis Wiis dazianeba;  
\\ zurgis tvinis ukana svetebis dazianeba;  
\\ \\ piramidul i gzis dazianeba;  
\\ \\ kortiko-bul buri gzis dazianeba;  
\\ \\ retikul o-spinuri konis dazianeba.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba asinergias?  
\\ \\ asinergia ewodeba kunTebis sinergiul i inervaciis moSI as;  
\\ \\ asinergiis gamovl inebas wadmoadgens kombinirebul i fl eqsia;  
\\ \\ asinergiis gamosavl enad mowodebul ia cxvir-TiTis da muxl -qul is cdebi.

\\ \\ \\ CamoTvl il Tagan, ra ar axasiaTebis naTxemis Wiis dazianebas?  
\\ \\ kombinirebul i fl eqsia;  
\\ \\ rombergis niSani;  
\\ \\ mTvral isebri siarul i.

\\ \\ \\ CamoTvl il Tagan, ra ar axasiaTebis naTxemis hemisferos dazianebas?  
\\ \\ adiodoqokinezi;  
\\ \\ intenciuri kankal i;  
\\ \\ asinergia;  
\\ \\ yi fSiZis niSani.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba moZraobis koordinaciis moSI as?  
\\ \\ naTxemisebri ataqsia mJRavndeba, mxol od, kunTovani sistemis amoqmedebis SemTxvevaSi;  
\\ \\ intenciuri kankal i vl indeba, rogorc moZraobis, ise mosvenebis dros;  
\\ \\ naTxemis paTol ogiis dros \_ sakoordinacio cdebze gavl enas ar axdens mxedvel obiTi kontrol i.

\\ \\ \\ CamoTvl il Tagan, ra SemTxvevaSia SeuZl ebel i swor xazze siarul i?  
\\ \\ naTxemis dazianebias;  
\\ \\ kefis wil is dazianebias;  
\\ \\ safeTql is wil is dazianebias;  
\\ \\ qveda kidurebSi mgrZnobel obis moSI isas.

\\ \\ \\ CamoTvl il Tagan, ra ar axasiaTebis vestibul ur ataqsiis?  
\\ \\ nistagmi;  
\\ \\ sistemuri Tavbrusxveva;  
\\ \\ mTvral isebri siarul i;  
\\ \\ I ateropul sia;  
\\ \\ smenis daqveiTeba.

eqstrapiramidul i sistema

\\ \\ CamoTvl il Tagan, ra struqtura ar miekuTvneba eqstrapiramidul sistemas?

- \\ \\ zol iani sxeul i;
- \\ \\ nuSisebri sxeul i;
- \\ \\ Savi substancia;
- \\ \\ retikul uri formacia;
- \\ \\ SigniTa kafsul a.

\\ \\ CamoTvl il Tagan, ra struqtura ar miekuTvneba zol iani sxeul is sistemas?

- \\ \\ kudiani birTvi;
- \\ \\ CenCo;
- \\ \\ I uisis sxeul i;
- \\ \\ mkrTal i burTi.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba eqstrapiramidul i sistemis daxasiaTebas?

- \\ \\ CenCo da kudiani birTvi erTmaneTisgan gamoyofil ia SigniTa kafsul is wina fexiT;
- \\ \\ CenCo da kudiani birTvi moiazreba \_ rogorc neostriatumi;
- \\ \\ kudiani birTvi da mkrTal i burTi miekuTvneba neostriatums.

\\ \\ CamoTvl il Tagan, romel i struqtura warmoadfgens eqstrapiramidul i sistemis qvakuTxeds?

- \\ \\ Savi substancia;
- \\ \\ striopal iduri sistema;
- \\ \\ mxedvel obis borcvebi;
- \\ \\ ol ivebi;
- \\ \\ Subl is wil ebis qerqi.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba eqstrapiramidul i sistemis daxasiaTebas?

- \\ \\ eqstrapiramidul i sistemis ZiriTadi warmonaqmnebi warmodgenil ia dofaminSemcvel i neironebiT;
- \\ \\ eqstrapiramidul sistemaSi dadgenil ia ramdenime damouki debel i, dofaminSemcvel i neironul i gza;
- \\ \\ dofaminSemcvel i neironebis yvel aze didi raodenoba aRiniSneba mkrTal burTSi.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba amiostatikuri sindromis dros?

- \\ \\ "Toj inasebri" siarul i;
- \\ \\ aqei rokinezi;
- \\ \\ propul sia;
- \\ \\ kombiniirebul i fl eqsia;
- \\ \\ maris simptomi.

\\ \\ CamoTvl il Tagan, romel i gamtari ar miekuTvneba eqstrapiramidul i sistemis dadgenil dofaminSemcvel neironul gzas?

- \\ \\ nigrostrial uri kona;
- \\ \\ mezol imbur i traqti;
- \\ \\ I imbur-hipoTal amur-retikul uri traqti;

\\ mezokortikul i traqti;  
\\ tuberinfundibul uri hipoTal amuri traqti.

\\ \\ CamoTvl il Tagan, romel i traqtis saSual ebiT eqstrapiramidul i sistema axdens zemoqmedebas ConCxis kunTebis tonusze?

\\ retikul ospinuri;

\\ mezokortikul i;

\\ rubrospinuri.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis parkinsonizms?

\\ bradikinezia;

\\ adi odoqokinezi;

\\ parkinsonul i kankal i;

\\ kunTTa tonusis momateba;

\\ ol igokinezia.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba mxedvel obis borcvebis daxasiaTebas?

\\ funkciuri daniSnul ebis mixedviT, mxedvel obis borcvi SeiZl eba daiyos 120-mde birTvi smagvar warmonaqmnad;

\\ mxedvel obis borcvebi warmoadgens mamozravebel i aparatis anal izatorul nawil s;

\\ mxedvel obis borcvi, zol iani sxedul isa da didi tvinis qerqis saSual ebiT, CarTul ia nebisyoFiTi moZraobis real izaciaSi.

\\ \\ CamoTvl il Tagan, romel i paTol ogia ar aRiniSneba eqstrapiramidul i sistemis dazianebis dros?

\\ amiostatikuri sindromi;

\\ parkinsonul i kankal i;

\\ hemibal izmi;

\\ intenciuri kankal i;

\\ qoreatul i hiperkinezi.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba amiostatikur sindroms?

\\ ol igokinezia;

\\ bradikinezia;

\\ parkinsonul i kankal i;

\\ kunTTa tonusis momateba.

\\ \\ eqstrapiramidul i sistemis paTol ogiis dros CamoTvl il Tagan, ra ar axasiaTebis kunTTa tonusis momatebas?

\\ "dakbil ul i borbl is" ni Sani;

\\ negros ni Sani;

\\ eqstrapiramidul i rigidoba;

\\ "dasakeci j ayvis" ni Sani.

\\ \\ CamoTvl il Tagan, ra warmoadgens, Tanamedrove Sexedul ebiT, eqstrapiramidul i rigidobis mi zezs?

\\ strial uri moqmedebis Sesusteba pal idusze;

\\ dofaminSemcvel i neironebis dazianebe;

\\ nigrospinuri Semakavebel i, daRmaival i impul saciis Semcireba.



\\ \\ CamoTvl il Tagan, ra ar axasiaTebS viI sonizms?  
\\ \\ bradikinezia;  
\\ \\ ol igokinezia;  
\\ \\ parkinsonul i kankal i;  
\\ \\ kunTTa tonusis momateba.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebS parkinsonul kankal s?  
\\ \\ mosvenebis hiperkinezi;  
\\ \\ emociuri daZabvis dros kankal is gaZl ierdeba;  
\\ \\ "fanduris" niSani;  
\\ \\ kankal is ritmi 8-12 rxeva wamSi.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba amiostatikuri sindromis dros?  
\\ \\ skandirebul i metyvel eba;  
\\ \\ mikrografia;  
\\ \\ "haerovani bal iSis" simptomi;  
\\ \\ amimiuri piriSaxe;  
\\ \\ emociis gamomxatvel i moZraobebis siRaribe;  
\\ \\ retropul sia.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebS aTetozs?  
\\ \\ hiperkinezis gaZl iereba emociuri datvirTvis dros;  
\\ \\ tonuri xasiaTis, uritmo hiperkinezi;  
\\ \\ I uisis sxul is dazianeba;  
\\ \\ mtevnisa da TiTebis arabunebrivi naZal adevi moZraoba.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebS torsiuI distonias?  
\\ \\ tanis kunTebis aTetozuri moZraobaa;  
\\ \\ asinergia;  
\\ \\ I ordozul i disbazia;  
\\ \\ tanis rotaciul i moZraoba xerxeml is gaswrvivi RerZis garSemo.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebS qoreatul hiperkinezs?  
\\ \\ kunTebis uwesriGo, kl onuri SekumSva;  
\\ \\ kidurebis proqsimal uri segmentebis kunTebis SekumSva;  
\\ \\ nebiT - naZal adevi moZraobebis Sewyveta.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba hemibal izmis daxasiaTebas?  
\\ \\ gamowveul ia nuSiseburi birTvis dazianebiT;  
\\ \\ eqstrapiramidul i hiperkinezia;  
\\ \\ qoreatiul i hiperkinezis msgavsia;  
\\ \\ gamoirCeva didi ampl itudiT.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba spinur hiperkinezs?  
\\ \\ fibril TTa TrTol va;  
\\ \\ fascikul acia;  
\\ \\ miokl onia.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba tvinis Reros donis hiperkinezs?

- \\ nistagmi;
- \\ miokl onia;
- \\ tortikol izi;
- \\ torsiul i spazmi.

\\ \\ CamoTvl il Tagan, ra ar mi ekuTvneba naTxemis sistemi s hi perki nezs?

- \\ nistagmi;
- \\ krampi;
- \\ intenciuri kankal i.

\\ \\ CamoTvl il Tagan, ra ar mi ekuTvneba qerqi-qerqqveSa doni s hi perki nezs?

- \\ kl onuri krunCxvebi;
- \\ hemibal izmi;
- \\ tiki;
- \\ tetania;
- \\ tonuri krunCxvebi.

\\ \\ CamoTvl il Tagan, romel i nivTiereba aris striopal iduri sistemi s ZiriTadi mediatori?

- \\ adrenal ini;
- \\ acetil qol ini;
- \\ dofamini;
- \\ noradrenal ini.

vegetatiuri nervul i sistema

\\ \\ vegetatiuri nervul i sistemi s eferentul i boWkoebi, Tavis tvinidan ar gamodis CamoTvl il Tagan, romel i kraniul i nervi s Semadgenl obaSi?

- \\ Tval is mamozravebel i nervi (III wy.);
- \\ samwvera nervi (V wy.);
- \\ saxi s nervi (VII wy.);
- \\ ena-xaxis nervi (IX wy.);
- \\ cTomil i nervi (X wy.).

\\ \\ CamoTvl il Tagan, romel i ubani ar mi ekuTvneba eferentul i vegetatiuri boWkoebi s periferiaze gamosvl is adgil s?

- \\ mezencefal uri;
- \\ ponto-bul buri;
- \\ cervikal uri;
- \\ Torako-l umbal uri;
- \\ sakral uri.

\\ \\ CamoTvl il Tagan, zurgis tvini s romel i segmentebidan ar gamodis vegetatiuri nervul i sistemi s eferentul i boWkoebi?

- \\ kisris pirvel i oTxil segmenti;
- \\ kisris mxol od merve segmenti;
- \\ gul mkerdis yvel a segmenti;
- \\ wel is pirvel i sami segmenti;
- \\ gavis II-IV segmentebi.

\\ \\ CamoTvl il Tagan, romel i warmonaqmniT ar aris warmodgenil i parasimpaTikuri nervul i sistemis bul buri nawil i?  
\\ mexuTe kraniul i nervis vegetatiuri nervul i uj redebiTa da boWkoebiT;  
\\ \\ meSvide kraniul i nervis vegetatiuri nervul i uj redebiTa da boWkoebiT;  
\\ \\ mecxre kraniul i nervis vegetatiuri nervul i uj redebiTa da boWkoebiT;  
\\ \\ meaTe kraniul i nervis vegetatiuri nervul i uj redebiTa da boWkoebiT.

\\ \\ CamoTvl il Tagan, vegetatiuri nervul i sistemis ra nawil is dazianebisas aRiniSneba Sardis unebl ie gamoyofa?  
\\ \\ kisris segmentebis;  
\\ \\ kisrisa da gul mkerdis segmentebis;  
\\ \\ wel is segmentebis;  
\\ \\ wel isa da gavis segmentebis.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba vegetatiur refl eqsuri rkal is daxasiaTebas?  
\\ \\ Sedgeba sami nawil isgan;  
\\ \\ receptorul rgol Si Sedis mal TaSua kvanZi;  
\\ \\ pirvel i neironis aqsoni mTavrdeba zurgis tvinis gverdiT rqaSi;  
\\ \\ gverdiTi rqebis neironTa aqsonebi aRwevs muSa organoebes.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba vegetatiur refl eqsuri rkal is daxasiaTebas?  
\\ \\ efektorul i periferiul i gza Sedgeba ori neironisagan;  
\\ \\ pregangl iuri nervul i boWko umiel inoa;  
\\ \\ asociaciuri neironis aqsons, tvinidan vegetatiur gangl iamde, ewodeba pregangl iuri.

\\ \\ CamoTvl il Tagan, romel i struqtura ar mikuTvneba vegetatiuri nervul i sistemis segmentzeda aparats?  
\\ \\ mxedvel obis borcvebi;  
\\ \\ hipoTal amusis birtvebi;  
\\ \\ I imbur-retikul uri kompl eqsi;  
\\ \\ Subl is wil is zeda xveul i;  
\\ \\ kefis wil i.

\\ \\ CamoTvl il Tagan, romel i nivTiereba ar iwvevs simpaTikuri nervul i dabol oebebis aqtivacias?  
\\ \\ simpaTini;  
\\ \\ adrenal ini;  
\\ \\ noradrenal ini.

\\ \\ CamoTvl il Tagan, romel i warmonaqmniT aris warmodgenil i parasimpaTikuri nervul i sistemis hipoTal amuri nawil i?  
\\ \\ hipoTal amusis paraventrikul uri birtviT;  
\\ \\ hipoTal amusis rkal ovani birtviT;  
\\ \\ hipoTal amusis supraoptikuri birtviT.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba vegetatiur refl eqsuri rkal is daxasiaTebas?

\\ efeqtorul i neironis sxedul i ganl agebul ia muSa organoze, an sisxl ZarRvze;

\\ \\ meore neironis aqsonebi mTavrdeba erT-erT vegetatiur gangl iaSi;

\\ \\ efeqtorul i neironis sxedul i mdebareobs periferiaze.

\\ \\ CamoTvl il Tagan, romel i nivTiereba ar iwvevs vetatiuri nervul i sistemis sinafsebis paral izebas?

\\ \\ ergotoqsini;

\\ \\ kurare;

\\ \\ atropini.

\\ \\ CamoTvl il Tagan, romel i warmonaqmniT ar aris warmodgenil i parasimpaTikuri nervul i sistemis sakral uri nawil i?

\\ \\ gavis III-V segmentebis nervul i uj redebiTa da boWkoebiT;

\\ \\ hipogastrul i wnul iT;

\\ \\ hipogastrul i wnul is postgangl iuri boWkoebiT;

\\ \\ gavis bol o ori da kodusunis segmentebis nervul i uj redebiTa da boWkoebiT.

\\ \\ \\ CamoTvl il Tagan, tvinis anatomiur-topografiul i Taviseburebebis mixedviT, vegetatiuri nervul i sistemis romel nawil s ar Seesabameba simpaTikuri nervul i sistema?

\\ \\ mezencefal urs;

\\ \\ cervikal urs;

\\ \\ Torako-I umbal urs;

\\ \\ sakral urs.

\\ \\ \\ CamoTvl il Tagan, topografiul i niSnis mixedviT, rogor ar SeiZl eba vegetatiuri gangl iebis kl asificireba?

\\ \\ intramurul i;

\\ \\ postvertebrul i;

\\ \\ paravertebrul i;

\\ \\ prevertebrul i.

\\ \\ \\ CamoTvl il Tagan, ra ar miekuTvneba simpaTikuri nervul i sistemis ZiriTad morfol ogiur warmonaqmns?

\\ \\ zurgis tvinis segmenturi simpaTikuri centrebi;

\\ \\ mosazRvre simpaTikuri wvel i;

\\ \\ postgangl iuri SemaerTebel i totebi;

\\ \\ mzis wnul i;

\\ \\ hipogastrul i wnul i.

\\ \\ \\ CamoTvl il Tagan, nervul i sistemis romel i nawil i ar miekuTvneba parasimpaTikur nervul sistemas?

\\ \\ hipoTal amuri;

\\ \\ mezencefal uri;

\\ \\ bul buri;

\\ \\ cervikal uri;

\\ \\ sakral uri.

\\ \\ CamoTvl il Tagan, romel i nivTiereba iwvevs parasimpaTikuri nervul i dabol oebebis aqtivacias?

\\ \\ simpaTini;

\\ \\ noradrenal ini;

\\ \\ acetil qol ini;

\\ \\ "vagusis nivTiereba".

\\ \\ CamoTvl il Tagan, romel i warmonaqmniT aris warmodgenil i parasimpaTikuri nervul i sistemis mezencefal uri nawil i?

\\ \\ mesame kraniul i nervis vegetatiuri nervul i uj redebiTa da boWkoebiT;

\\ \\ mexuTe kraniul i nervis vegetatiuri nervul i uj redebiTa da boWkoebiT;

\\ \\ meeqvse kraniul i nervis vegetatiuri nervul i uj redebiTa da boWkoebiT.

\\ \\ \\ CamoTvl il Tagan, organizmis romel moqmedebas ver aZl ierebs simpaTikuri nervul i sistema?

\\ \\ gul -sisxl ZarRvTa sistemis tonuss;

\\ \\ sunTqvis centris;

\\ \\ ZiriTad cvl as;

\\ \\ nawl avebis peristal tikas;

\\ \\ adrenal inis sekrecias.

\\ \\ \\ CamoTvl il Tagan, romel funqcias ver asrul ebs parasimpaTikuri nervul i sistema?

\\ \\ aqveiTebis sisxl is miwodebas muSa organoebSi;

\\ \\ iwvevs bronqebis Seviwroebas;

\\ \\ aqveiTebis sxoul is temperaturas;

\\ \\ aqveiTebis insul inis sekrecias.

\\ \\ \\ CamoTvl il Tagan, vegetatiuri nervul i sistemis ra nawil is dazianebisas aRiniSneba WeSmariti unebi ie defekacia?

\\ \\ kisris segmentebis;

\\ \\ kisrisa da gul mkerdis segmentebis;

\\ \\ wel is segmentebis;

\\ \\ wel isa da gavis segmentebis.

\\ \\ \\ CamoTvl il Tagan, tvinis anatomiur-topografiul i Tavis seburebebis mixedviT, vegetatiuri nervul i sistemis romel nawil s ar Seesabameba parasimpaTikuri nervul i sistema?

\\ \\ mezencefal urs;

\\ \\ cervikal urs;

\\ \\ ponto-bul burs;

\\ \\ sakral urs.

Tavis Tvini umaRl esi funqciebi

\\ \\ \\ CamoTvl il Tagan, ra ar miekuTvneba Tavis tvinis hemisferoTa urTierTmoqmedebis daxasiaTebas?

\\ \\ kompl ementuri urTierTmoqmedeba;

\\ reciprokul i urTierTmoqmedeba;  
\\ asociaciuri urTierTmoqmedeba;  
\\ dempfiuri i urTierTmoqmedeba.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba "marcxena" tvinis muSaobis  
princips?

\\ informaciis gl obal uri damuSaveba;  
\\ dasamuSavebel i informaciis anal izi;  
\\ variantebis Tanmimdevrul i gadarCeva;  
\\ dasamuSavebel i informaciis sinTezi.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba konstruqciul i  
apraqsiis daxasiaTebas?

\\ apraqsiul i darRvevebi cal mxrivia;  
\\ vl indeba marcxena hemisferos Txemis wil is kuTxis xveul is  
dazianebis dros;  
\\ darRveul ia moqmedebis swori mimarTul eba.

\\ \\ CamoTvl il Tagan, ra debul eba ar axasiaTebis motorul afazias?

\\ gaZnel ebul ia sityvebis SerCeva;  
\\ avadmyofi ver gebul obs sxvis metyvel ebas;  
\\ I eqsika Zal ian Raribia;  
\\ avadmyofi ver axerxebis sworad I aparaks.

\\ \\ CamoTvl il Tagan, romel i miesadageba metyvel ebis moSl as, rodesac  
darRveul ia sxvisi metyvel ebis gagebis unari?

\\ motorul i afazia;  
\\ dizarTria;  
\\ sensorul i afazia;  
\\ I ogorea.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba adamianis eqspresiul i metyvel ebis  
formirebis etapebs?

\\ receptiul i metyvel eba;  
\\ weris unari;  
\\ winadadebis warmoTqmis unari;  
\\ eqspresiul i metyvel eba.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba konstruqciul i  
apraqsiis daxasiaTebas?

\\ apraqsiul i darRvevebi cal mxrivia;  
\\ vl indeba marcxena hemisferos Txemis wil is kuTxis xveul is  
dazianebis dros;  
\\ darRveul ia moqmedebis swori mimarTul eba.

\\ \\ CamoTvl il Tagan, ra ar miesadageba sensorul i afaziis daxasiaTebas?

\\ "sityvieri sal aTi";  
\\ sityvebs Soris gramatikul i kavSirebis aRqmis unaris darRveva;  
\\ sityvebs Soris semantiuri kavSirebis aRqmis unaris darRveva;  
\\ vernikes zonis dazianebs;  
\\ metyvel ebis dros, Tavisi Secdomebis SemCneva.

\\ \\ CamoTvl il Tagan, romel i miesadageba metyvel ebis yvel a saxis moSI as?

\\ al eqsia;

\\ total uri afazia;

\\ semantiuri afazia;

\\ parafazia.

\\ \\ CamoTvl il Tagan, romel i ar miekuTvneba agnoziis variantebs?

\\ mxedvel obiTi;

\\ qerqul i;

\\ smeniTi;

\\ kanisa da Rrma mgrZnobel obis;

\\ sxeul is sqemis moSI a.

\\ \\ CamoTvl il Tagan, ra ar miesadageba motorul i afaziis daxasiaTebas?

\\ viTardeba brokas zonis dazianebis dros;

\\ darRveul ia frazis Sedgenis unari;

\\ sityvebs damarcvl iT gamoTqvams;

\\ aRini Sneba parafaziebi.

\\ \\ CamoTvl il Tagan, ra ar miesadageba sensorul i afaziis daxasiaTebas?

\\ gaZnel ebul ia sxvisi metyvel ebis gageba;

\\ darRveul ia sakuTari metyvel ebis smeniTi kontrol i;

\\ gamoxatul ia l iterul uri parafaziebi;

\\ gaZnel ebul ia sityvebis SerCeva sakuTari gancdebis gamosaxatavad;

\\ gamoxatul ia l ogorea.

\\ \\ CamoTvl il Tagan, metyvel ebis moSI is romel i saxe ar miekuTvneba afazias?

\\ total uri;

\\ ideatorul i;

\\ sensorul i;

\\ semantiuri;

\\ amneziuri.

\\ \\ ra ewodeba metyvel ebis moSI as, romel sac iwvevs sametyvel o muskul aturis dazianebs?

\\ motorul i afazia;

\\ dizarTria;

\\ sensorul i afazia;

\\ l ogorea.

\\ \\ CamoTvl il Tagan, ra miesadageba weris unaris dakargvas?

\\ agrafia;

\\ vl indeba Subl is wil is dazianebis dros;

\\ ar vl indeba damouki debl ad.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba amneziuri afaziis daxasiaTebas?

\\ avadmyofi ver ixsenebs naCvenebs sagnis saxel wodebas;

\\ avadmyofs SeuZl ia aRweros naCvenebi sagnis daniSnul eba da TviSebebi;  
\\ \\ avadmyofs SeuZl ia gamoiyenos naCvenebi sagnis saxel wodeba  
spontanuri metyvel ebis dros.

\\ \\ \\ CamoTvl il Tagan, romel i ganmarteba ar miesadageba apraqsiis saxes?  
\\ modal uri;  
\\ ideatorul i;  
\\ konstruqciul i;  
\\ motorul i.

\\ \\ \\ CamoTvl il Tagan, ra warmoadgens "marj vena" tvinis muSaobis ZiriTad  
principis?  
\\ informaciis gl obal uri damuSaveba;  
\\ dasamuSavebel i informaciis anal izi;  
\\ variantebis Tanmimdevrul i gadarCeva;  
\\ dasamuSavebel i informaciis sinTezi.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba motorul i  
apraqsiis daxasiaTebas?  
\\ dakargul ia spontanuri moZraobis Sesrul ebis unari;  
\\ garkveul i gegmazomieri moZraobis Cvenebi SemTxvevaSi, avadmyofi  
imeorebs naCvenebs;  
\\ korZiani sxedul is dazianebias - motorul i apraqsia cal mxrivia.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba agnozias?  
\\ dakargul ia nacnobi sagnebis, axl obl ebis, sakuTari sxedul is  
nawil ebis aRqmis unari;  
\\ dazianebul ia proeqciul i mgrZnobel obis sistema;  
\\ ar aris gamoxatul i fsiquri darRvevebi;  
\\ Senaxul ia meore sasignal o sistemis funqcia.

\\ \\ \\ ra ewodeba metyvel ebis moSl as, romel sac iwvevs sametyvel o  
muskul aturis nebisyoFiTi SekumSvis Tanmimdevrobis darRveva?  
\\ motorul i afazia;  
\\ dizarTria;  
\\ sensorul i afazia;  
\\ I ogorea.

\\ \\ \\ CamoTvl il Tagan, romel principis ar emyareba "marcxena" da "marj vena"  
tvinis urTierTmoqmedeba?  
\\ semiol ogiur dubl irebas;  
\\ funqciur enantismorfias;  
\\ marcxena hemisferos mier samyaros real uri model is Seqmnas.

\\ \\ \\ CamoTvl il Tagan, gnostiuri funqciebis moSl is SemTxvevaSi, romel i  
SegrZnebebis safuZvel ze avadmyofi ver amoicnos sagnebs?  
\\ mxedvel obiTi;  
\\ smeniTi;  
\\ gemovnebiTi;  
\\ taqtil uri;  
\\ ynosviTi.



\\ \\ CamoTvl il Tagan, risi dadgenis SesaZl ebl obas ar iZl eva avadmyofis spontanur metyvel ebaze dakvirveba?

\\ \\ si tyvebis maragis;

\\ \\ parafaziis;

\\ \\ paral eqsiis;

\\ \\ agrafiis;

\\ \\ akal kul iis.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba amneziur afazias?

\\ \\ avadmyofs ar SeuZl ia daasaxel os naCvenebi sagnis saxel wodeba;

\\ \\ cxovrebi manZil ze, SeZenil i cnebebis mexsierebidan waSl a;

\\ \\ avadmyofs SeuZl ia aRweros sagnis daniSnul eba.

Tavis da zurgis tvinis garsebi. I iqvori

\\ \\ \\ mezenqimisagan warmoqmnil i ramdeni garsiT dafarul ia adamiannis Tavis da zurgis tvini?

\\ \\ erTi garsiT;

\\ \\ ori garsiT;

\\ \\ sami garsiT;

\\ \\ oTxi garsiT.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba magari garsis daxasiaTebas?

\\ \\ Tavis tvinis magari gars ainervirebs samwvera nervis totebi;

\\ \\ zurgis tvinis magari garss ainervirebs spinuri nervebis totebi;

\\ \\ tvinis magari garsi warmodgenil ia mkvrivi, fibrozul i SemaerTebel i qsovil is firfiteT;

\\ \\ tvinis magari garsi, SigniTa mxridan warmoqmnis farTe tixrebs.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba zurgis tvinis magari garsis daxasiaTebas?

\\ \\ iwyeba kefis didi xvrel idan;

\\ \\ mTavrdeba gavis mexuTe mal is doneze;

\\ \\ zurgis tvinis magari garsis firfitebs Soris moTavsebul ia eqstradurul i sivrce.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba Aar miesadageba subaraqnoidul i sivrcis daxasiaTebas?

\\ \\ warmoadgens SigniTa I iqvorul sivrces;

\\ \\ amovsebul ia Tav-zurg-tvinis siTxiT;

\\ \\ tvinis zogierT Rarebs Soris, qmnis cisternebs.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba Aar miesadageba tvinis rbil i garsis daxasiaTebas?

\\ \\ Sedgeba ori firfitebisagan;

\\ \\ Tavis tvinis rbil i garsi mokl ebul ia sisxl ZarRvebsa da inervacias;

\\ \\ Tavis tvinis rbil i garsis SigniTa zedapiri Serwymul ia tvinis gl iur, mosazRvre membranasTan.

\\ \\ CamoTvl il Tagan, romel i fiziol oghiuri funqcia ar aris  
damaxasiaTebel i Tavisada zurgis tvinis garsebisTvis?  
\\ meqanikuri dacva;  
\\ barierul i funqcia;  
\\ I iqvoris produqciis ZiriTadi wyaro.

\\ \\ CamoTvl il Tagan, romel i debul eba Aar miesadageba hematoencefal ur  
barierul funqcias?  
\\ gaigivebul ia tvinis kapil arebis endoTel ur uj redebTan;  
\\ bariers Tavisufl ad gadis al kohol i;  
\\ bariers Tavisufl ad gadis penicil inis j gufis preparatebi;  
\\ icavs tvinis qsovil s infeqciur-toqsikuri zemoqmedebisagan.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba ventrikul ur I iqvorul sistemas?  
\\ tvinis didi cisterna;  
\\ gverdiTi parkuWebi;  
\\ III parkuWi;  
\\ IV parkuWi.

\\ \\ CamoTvl il Tagan, romel i debul eba Aar miesadageba tvinis parkuWovani  
sistemis daxasiaTebas?  
\\ gverdiTi parkuWebi moTavsebul ia Tavis tvinis hemisferoebSi;  
\\ gverdiTi parkuWebi dakavSirebul ia III parkuWTan maJandis xvrel is  
saSual ebiT;  
\\ III parkuWi dakavSirebul ia IV parkuWTan sil viis wyal sadeniT;  
\\ ventrikul uri I iqvorul i sistema miekuTvneba SigniTa I iqvorul  
sivrces.

\\ \\ CamoTvl il Tagan, romel i debul eba Aar miesadageba tvinis IV parkuWis  
daxasiaTebas?  
\\ subaraqnoidul sivrcesTan dakavSirebul ia sami xvrel is saSual ebiT;  
\\ IV parkuWis gagrZel ebas warmoadgens zurgis tvinis central uri arxi;  
\\ IV parkuWis sisxl ZarRvovani wnul i sisxl iT maragdeba xerxeml is  
arteriebis saSual ebiT.

\\ \\ CamoTvl il Tagan, romel i debul eba Aar miesadageba tvinis parkuWovani  
sistemis daxasiaTebas?  
\\ IV parkuWidan I iqvori gadadis did cisternaSi;  
\\ didi cisternidan I iqvori gadadis zurgis tvinis subaraqnoidul  
sivrceSi;  
\\ zurgis tvinis subaraqnoidul sivrceSi, I iqvori moZraobs zevidan  
qveda mimarTul ebiT.

\\ \\ CamoTvl il Tagan, romel struqturasTan ar aris dakavSirebul i  
Tavisada zurgis tvinis subaraqnoidul i sivrce?  
\\ Tavisada zurgis tvinis nervTa perinevral uri I imfuri napral ebi;  
\\ epidurul i sivrce; 3. subdurul i sivrce;  
\\ virxov-robenis perivaskul uri sivrce.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba magari garsis  
daxasiaTebas?

\\ tvinis magari garssa da qal as Zvl ebs Soris moTavsebul ia epidurul i sivrce;

\\ tvinis magari garsis sisxl iT momarageba warmoebs Tval budis arteriebiT;

\\ tvinis magari garsis firfitebsa da morCebs Soris moTavsebul ia venuri sinusebi;

\\ tvinis magari garsis sisxl ZarRvebs ainervi rebs samwvera nervis totebi.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba Tav-zurg-tvinis siTxis ganawil ebas I iqvorul sivrceSi?

\\ Tavis tvinis subaraqnoidul sivrcesa da cisternebsi - saSual od 20 ml ;

\\ parkuWebSi - 30-50 ml ;

\\ zurgis tvinis subaraqnoidul sivrceSi - 60-70 ml .

\\ \\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba Tav-zurg-tvinis siTxis aRebis meTods?

\\ sabol oo cisternis punqcia;

\\ suboqcipturi punqcia;

\\ ganivi sinusis punqcia;

\\ gverdiTi parkuWis punqcia.

\\ \\ \\ CamoTvl il Tagan, romel i meTodika ar mi ekuTvneba I iqvorodinami kur cdebs?

\\ kvekenStedtis;

\\ vaixbrodtis;

\\ pusepis;

\\ stukeis.

\\ \\ \\ subaraqnoidul i sivrcis gamavl obis nawil obrivi darRvevisas, I iqvorodinamiuri cdebiT, CamoTvl il Tagan, risi dadgena aris SeuZl ebel i?

\\ I iqvoris wnevis nel i mateba;

\\ wnevis matebis Semdeg, garkveul momatebul doneze darCena;

\\ I iqvoris wnevis naxtomisebri momateba;

\\ I iqvoris wnevis naxtomisebri kl eba.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba Aar miesadageba zurgis tvinis rbil i garsis daxasiaTebas?

\\ rbil i garsis gareTa firfita Sedgeba endoTel uri uj redebisgan;

\\ rbil i garsis gareTa firfita qmnis dakbil ul iogs;

\\ zurgis tvinis rbil i garsi mdidaria uj redul i el ementebiT;

\\ zurgis tvinis rbil i garsi Cadis yvel a Rarsa da CaRrmavebaSi.

\\ \\ \\ CamoTvl il Tagan, ra warmoadgens spinuri punqciis ukuCvenebas?

\\ subaraqnoidul i sisxl Caqceva;

\\ ukana fosos simsi vne;

\\ Subl is wil is simsi vne;

\\ naTxemis Wi is simsi vne.

\\ \\ CamoTvl il Tagan, I umbal uri punqciis dros, ras iwvevs  
I iqvorocirkul aciis mkveTri darRveva?  
\\ \\ avTvisebian intrakraniul hipertenzias;  
\\ \\ tvinis mwvave SeSupebas;  
\\ \\ tvinis disl okacias \_ Reros "CaWedvis" sindromebis ganviTarebiT;  
\\ \\ Tavis tvinSi sisxl is mimoqcevis mwvave moSl as.

\\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i meningizmi saTvis?  
\\ \\ meningeal uri niSnebi;  
\\ \\ Tavis tkivil i;  
\\ \\ pirRebineba;  
\\ \\ anTebiTi cvl il ebebi I iqvorSi;  
\\ \\ sxgul is temperaturis momateba.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba Tav-zurg-tvini  
siTxis daxasiaTebas?  
\\ \\ normal uri I iqvori uferul ia;  
\\ \\ garegnul ad, normal uri I iqvori odnav ufro mRvria, vidre wyal i;  
\\ \\ normal uri I iqvoris pH axl osaa 7.4-Tan;  
\\ \\ normal uri I iqvoris xvedriTi wonaa 1005-1007.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis I umbal uri punqciis Sedegad  
ganviTarebul , tvinis I ateral ur disl okacias?  
\\ \\ midriazi;  
\\ \\ intensiuri Tavis tkivil i;  
\\ \\ sopori;  
\\ \\ tvinis tentoriul i "miWyl eta".

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis I umbal uri punqciis Sedegad  
ganviTarebul , tvinis Rerosa da naTxemis nuSebis "CaWedvas" kefis did  
xvrel Si?  
\\ \\ Tavis iZul ebiTi mdebareoba;  
\\ \\ kefis kunTebis rigidoba;  
\\ \\ taqikardia;  
\\ \\ intensiuri Tavis tkivil i;  
\\ \\ sunTqvis moSl a.

\\ \\ CamoTvl il Tagan, I iqvoris romel i Seferil oba ar aRiniSneba  
nervul i sistemis paTol ogiis dros?  
\\ \\ qsantoqromul i;  
\\ \\ opal iscirebul i;  
\\ \\ wiTel i Seferil obis;  
\\ \\ uferul i.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis zurgis tvinis kaudal uri nawil is  
mocol obiT process?  
\\ \\ fruanis triada;  
\\ \\ uj redul -cil ovani disociacia;  
\\ \\ nones kompresiul i sindromi.

\\ \\ CamoTvl il Tagan, romel i meTodika ar gamoiyeneba Tav-zurg-tvini  
siTxis bioqimiuri anal izis dros?  
\\ \\ cil is saerto raodenobis gansazRvra;  
\\ \\ gl obul inebis fraqciis gansazRvra;  
\\ \\ I anges reaqcia;  
\\ \\ vasermanis reaqcia.

\\ \\ CamoTvl il Tagan, romel i reaqcia ar gamoiyeneba I iqvorSi  
gl obul inebis fraqciis xarixobrivi gansazRvrivisTvis?  
\\ \\ vaixbrodtis;  
\\ \\ none-apel tis;  
\\ \\ fruanis;  
\\ \\ pandis.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba Tav-zurg-tvini  
siTxis daxasiaTebas?  
\\ \\ normal uri I iqvoris 1 ml Seicavs 5-mde formian el ements;  
\\ \\ normal ur I iqvorSi - ZiriTadad neitrofil ebi gvxdება;  
\\ \\ I iqvorSi TeTri uj rdebis raodenobas (1 ml -Si) ewodeba citozi;  
\\ \\ I iqvoris histomorfol ogiuri anal izi gul isxmobs uj redebis  
raodenobriv Seswavl as.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba Tav-zurg-tvini  
siTxis daxasiaTebas?  
\\ \\ I iqvoris histomorfol ogiuri anal izi gul isxmobs uj redebis  
xarixobriv Seswavl as;  
\\ \\ I iqvorSi, formiani el ementebis raodenobis momatebas ewodeba  
pl eocitozi;  
\\ \\ pl eocitozi vl indeba meningizmis SemTxvevaSi c;  
\\ \\ pl eocitozi ar aris damaxasiaTebel i nervul i sistemis  
intoqsikaciisaTvis.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba Tav-zurg-tvini  
siTxis daxasiaTebas?  
\\ \\ eozinofil uri pl eocitozi gvxdება tuberkul ozuri meningitis dros;  
\\ \\ maRal i pl eocitozi, neitrofil ebis xarj ze, gvxdება meoradi  
Cirqovani meningitis dros;  
\\ \\ eozinofil uri pl eocitozi damaxasiaTebel ia nervul i sistemis  
parazitul i daavadebebisatvis;  
\\ \\ I imfocituri pl eocitozi gvxdება virusul i meningitis dros.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba Tav-zurg-tvini  
siTxis daxasiaTebas?  
\\ \\ normal ur I iqvorSi - ql oridebis Semcvel oba 2-j er metia, vidre  
sisxl Si;  
\\ \\ I iqvorSi - Saqris koncentracia orj er nakl ebia, sisxl Tan  
SedarebiT;  
\\ \\ I iqvors aqvs susti tute reaqcia;  
\\ \\ I iqvorSi cil is normal uri Semcvel obaa- 0.38-0.42 g/l .

\\ CamoTvl il Tagan, romel i debul eba ar miesadageba Tav-zurg-tvini siTxis daxasiaTebas?  
\\ baqteriul meningitebs axasiaTebis I iqvorSi ql oridebis Semcvel obis momateba;  
\\ I iqvorSi \_ Saqris gansakuTrebit dabal i cifrebi aRiniSneba tuberkul ozuri meningitis dros;  
\\ I iqvorSi \_ gl ukozis Semcvel obis momateba damaxasiaTebel ia epidemiuri encefal itisTvis;  
\\ tuberkul ozuri meningitisTvis damaxasiaTebel ia cil ovani reaqsiebis dissociacia.

\\ CamoTvl il Tagan, romel i ar miekuTvneba humoral ur sindromebs?  
\\ meningeal uri sindromi;  
\\ siringomiel uri sindromi;  
\\ sifilisuri sindromi;  
\\ kompresiul i sindromi;  
\\ cil ovan-uj redul i dissociaciis sindromi.

\\ CamoTvl il Tagan, romel sindroms eniWeba nakl ebi mniSvnel oba meningitis pirvel adi diagnozis dadgenaSi?  
\\ meningeal uri sindromi;  
\\ infeqciuri daavadebis sindromi;  
\\ I iqvorocirkul aciis mwavemoSi is sindromi;  
\\ cerebrospiniuri siTxis anTebiTi cvl il ebebis sindromi.

\\ CamoTvl il Tagan, meningitis dros, simptomebis romel i j gufi ar miekuTvneba sakuTriv, meningeal ur sindroms?  
\\ intrakraniul i hipertenziis simptomokompl eqsi;  
\\ reaqsiebi i tkivil is fenomenebi;  
\\ infeqciuri procesis simptomebi;  
\\ kunTTa tonuri daWimvis niSan-simptomebi.

\\ CamoTvl il Tagan, meningitis dros, ra ar miekuTvneba reaqsiebi i tkivil is fenomens?  
\\ kereris simptomebi;  
\\ macevanis simptomebi;  
\\ mendel is simptomebi;  
\\ bexterevis simptomebi.

\\ CamoTvl il Tagan, meningitis dros, romel i simptomebi ar miekuTvneba intrakraniul i hipertenziis simptomokompl eqss?  
\\ "tvini smieri" Rebineba;  
\\ intenziuri Tavis tkivil i;  
\\ hiperakuzia;  
\\ fsiqomotorul i agzneba.

\\ CamoTvl il Tagan, meningitis dros, ra ar miekuTvneba kunTebis tonuri daWimvis fenomens?  
\\ I aforis simptomebi;  
\\ mondonezis simptomebi;  
\\ kefis kunTebis rigidoba;

\\ kernigis simptomi;  
\\ fl ataus simptomi.

Tavisa da zurgis tvinis dazianebis topikuri diagnostika

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba Tavis tvinis hemisferoTa urTierTmoqmedebis daxasiaTebas?

\\ \\ kompl ementuri urTierTmoqmedeba;

\\ \\ reciprokul i urTierTmoqmedeba;

\\ \\ asociaciuri urTierTmoqmedeba;

\\ \\ dempfiuri i urTierTmoqmedeba.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba "marcxena" tvinis muSaobis princips?

\\ \\ informaciis gl obal uri damuSaveba;

\\ \\ dasamuSavebel i informaciis anal izi;

\\ \\ variantebis Tanmimdevrul i gadarCeva;

\\ \\ dasamuSavebel i informaciis sinTezi.

\\ \\ CamoTvl il Tagan, metyvel ebis moSl is romel i saxe ar miekuTvneba afazias?

\\ \\ total uri;

\\ \\ ideatorul i;

\\ \\ sensorul i;

\\ \\ semantiuri;

\\ \\ amneziuri.

\\ \\ ra ewodeba metyvel ebis moSl as, romel sac iwvevs sametyvel o muskul aturis dazianebe?

\\ \\ motorul i afazia;

\\ \\ dizarTria;

\\ \\ sensorul i afazia;

\\ \\ I ogorea.

\\ \\ CamoTvl il Tagan, ra ar miesadageba sensorul i afaziis daxasiaTebas?

\\ \\ "sityvieri sal aTi";

\\ \\ sityvebs Soris gramatikul i kavSirebis aRqmis unaris darRveva;

\\ \\ sityvebs Soris semantiuri kavSirebis aRqmis unaris darRveva;

\\ \\ vernikes zonis dazianebe;

\\ \\ metyvel ebis dros, Tavisi Secdomebis SemCneva.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba gegmazomieri da Tanmimdevrul i mizandasaxul i moZraobebis Sesrul ebis unaris dakargvis dros?

\\ \\ kinesTeziuri mgrZnobel obis moSl a;

\\ \\ zeda kiduris parezi;

\\ \\ mxedvel obisa da metyvel ebis paTol ogia.

\\ \\ CamoTvl il Tagan, romel i debul eba ar miesadageba konstruqciul i apraqsiis daxasiaTebas?

\\ apraqsiul i darRvevebi cal mxrivia;

\\ vl indeba marcxena hemisferos Txemis wil is kuTxis xveul is dazianebris dros;

\\ darRveul ia moqmedebis swori mimarTul eba.

\\ \\ CamoTvl il Tagan, ra ar miesadageba sensorul i afaziis daxasiaTebas?

\\ "sityvieri sal aTi";

\\ sityvebs Soris gramatikul i kavSirebis aRqmis unaris darRveva;

\\ sityvebs Soris semantiuri kavSirebis aRqmis unaris darRveva;

\\ vernikes zonis dazianeba;

\\ metyvel ebis dros, Tavisi Secdomebis SemCneva.

\\ \\ CamoTvl il Tagan, SigniTa kafsul is formirebaSi romel i warmonaqmni ar iRebs monawil eobas?

\\ kudiani birTvi;

\\ ospisebri birTvi;

\\ dakbil ul i birTvi;

\\ mxedvel obis borcvi.

\\ \\ CamoTvl il Tagan, romel i gamtaris saSual ebiT eqstrapiramidul i sistema axdens zemoqmedebas ConCxis kunTebis tonusze?

\\ retikul ospinuri traqti;

\\ mezokortikul i dofaminSemcvel i gza;

\\ I imbur-hipo-Tal amur-retikul uri kompl eqsi;

\\ rubro-spinuri traqti.

\\ \\ CamoTvl il Tagan, romel i paTol ogia ar aRiniSneba eqstrapiramidul i sistemis dazianebris dros?

\\ amiostatikuri sindromi;

\\ parkinsonul i kankal i;

\\ hemibal izmi;

\\ intenciuri kankal i;

\\ qoreatul i hiperkinezi.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba amiostatikur sindroms?

\\ ol igokinezia;

\\ bradikinezia;

\\ parkinsonul i kankal i;

\\ kunTTa tonusis momateba.

\\ \\ CamoTvl il Tagan, ra ar vl indeba mxedvel obis nervis retrobul buri nawil is dazianebris dros?

\\ ambl iopia;

\\ amavrozi;

\\ sinaTI eze gugis pirdapiri reaqqiis mospoba Sesabamis Tval ze;

\\ dvril is hiperemia sazRvrebis waSI iT;

\\ fotofsiebi.



\\ \\ CamoTvl il Tagan, ra ar miakuTvneba xiazmis dazianebs dasrul ebul sindromebs?

\\ srul i bitemporal uri hemianofsia;

\\ srul i binazal uri hemianofsia;

\\ sibrmave cal Tval ze da temporal uri hemianofsia meoreze;

\\ nazal uri hemianofsia cal Tval ze da fotofsiabi meoreze.

\\ \\ CamoTvl il Tagan, romel i ar miesadageba cerebrul i tipis mgrZnobel obis moSl as?

\\ gamtarebl obiTi;

\\ qerqul i;

\\ central uri;

\\ hemianesTezia.

\\ \\ CamoTvl il Tagan, dazianebs romel i l okal izaciis SemTxvevaSi ar vl indeba gamtarebl obiTi tipis anesTezia?

\\ SigniTa kafsul a;

\\ tvinis Rero;

\\ ukana svetebl;

\\ ukana fesvebl;

\\ gverdiTi svetebl.

\\ \\ paTol ogiuri procesis romel l okal izaciize, zel deris zonebs mixedviT, miuTiTebis saxis ukana nawil Si mgrZnobel obis moSl a?

\\ SigniTa kafsul a;

\\ Tal amusi;

\\ tvinis Reros oral uri nawil i;

\\ tvinis Reros kaudal uri nawil i;

\\ zurgis tvinis zeda segmentebl.

\\ \\ CamoTvl il Tagan, romel i fenomeni ar arisAataqsiis mizezi?

\\ kunTTa SeTanxmebul i moqmedebis mospoba;

\\ reciprokul i inervaciis moSl a;

\\ gama-maryuJis dazianeba;

\\ proprioceptul i impul saciis Sewyveta.

\\ \\ CamoTvl il Tagan, romel i gamokvl eva ar gamoiyeneba ataqsiis gamosavl enad?

\\ cxvir-TiTis cda;

\\ muxl -qusl is cda;

\\ or wertil s Soris swori xazis gavl eba;

\\ daxuWul i Tval ebiT xel Si miwodebul i sagnis, an misi formis amocnoba;

\\ siarul i swor xazze.

\\ \\ CamoTvl il Tagan, romel i paTol ogia ar miakuTvneba moZraobis koordinaciis moSl as?

\\ spinuri ataqsia;

\\ l abirinTul i ataqsia;

\\ naTxemisebri ataqsia;

\\ fsevdoTal amuri ataqsia;

\\ periferiul i ataqsia.

\\ \\ CamoTvl il Tagan, romel i aris cerebrul i ataqsiis gamomwvevi mizezi?

\\ naTxemis Wiis dazianebea;

\\ zurgis tvinis ukana svetebis dazianebea;

\\ piramidul i gzis dazianebea;

\\ fl eqsigis da goversis konebis dazianebea;

\\ Subl -xid-naTxemis gzis dazianebea.

\\ \\ CamoTvl il Tagan, tvinis Reros saxuravSi moTavsebul kraniul i motorul i nervis romel birTvs ar gaaCnia ormxrivi qerqul i inervacia?

\\ Tval is mamozravebel i nervi;

\\ saxis nervis birTvis wina nawil i;

\\ ena-xaxis nervi.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba enisqveSa nervis cal mxrivi dazianebebis SemTxvevaSi?

\\ periferiul i dambl is kl inikuri suraTi;

\\ ena, win gamoyofisas, ixreba dazianebebul mxareze;

\\ atrofiis mxareze aRiniSneba fibril Ta TrTol va;

\\ enis naxebris atrofia;

\\ danawevrebul i metyvel eba.

\\ \\ CamoTvl il Tagan, romel i debul eba ar aris damaxasiaTebel i al ternaciul i dambl is sindromisTvis?

\\ tvinis Reros fuZis dazianebea;

\\ procesis mxareze kraniul i nervis periferiul i dambl a;

\\ procesis mopirdapire mxareze central uri dambl is kl inikuri suraTi;

\\ procesis mxareze, rogorc central uri, ise periferiul i dambl is kl inkuri suraTi.

\\ \\ CamoTvl il Tagan, ras iwvevs Tavis tvinis qerqis motorul i zonis qveda 2/3-is dazianebea?

\\ monopl egias;

\\ parapl egias;

\\ braxiofacial ur dambl as;

\\ hemipl egias.

\\ \\ CamoTvl il Tagan, ra SemTxvevaSi vl indeba fovil is al ternaciul i sindromi?

\\ SigniTa kafsul is dazianebebis dros;

\\ tvinis fexebis dazianebebis dros;

\\ mogrZo tvinis dazianebebis dros;

\\ zurgis tvinis maRal i segmentebis dazianebebis dros;

\\ varol is xidis dazianebebis dros.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebas zeda al ternaciul , anu veberis sindroms?

\\ tvinis fexis dazianebea;

\\ III wy. kraniul i nervis dune dambl a;

- \\ spazmuri hemipl egia;
- \\ ftozi;
- \\ SigniTa siel me.

- \\ \\ CamoTvl il Tagan, ra ar axasiaTebas fovil is sindroms?
- \\ varol is xidis qveda monakveTis dazianebea;
- \\ saxis mimikuri kunTebis dambl a;
- \\ spazmuri hemipl egia;
- \\ SigniTa siel me.

- \\ \\ CamoTvl il Tagan,ra ar axasiaTebas j eqsonis sindroms?
- \\ mogrZo tvinis qveda nawil is dazianebea;
- \\ enis naxebris atrofia;
- \\ spazmuri hemipl egia;
- \\ saxis mimikuri kunTebis dambl a;
- \\ XII wy. kraniul i nervis dune dambl a.

- \\ \\ CamoTvl il Tagan,ra ar axasiaTebas avel isis sindroms?
- \\ mogrZo tvinis qveda nawil is dazianebea;
- \\ kaudal uri j gufis nervebis dazianebea;
- \\ spazmuri hemipl egia;
- \\ XII wy. kraniul i nervis central uri dambl a.

- \\ \\ CamoTvl il Tagan, ra ar axasiaTebas fsevdobul bur dambl as?
- \\ viTardeba mogrZo tvinis dazianebebis SemTxvevaSi;
- \\ viTardeba orive kortikonukl earul i gzis dazianebebis;
- \\ viTardeba bul buri meqanizmebis central uri (ormxri) inervaciis moSl is SemTxvevaSi.

- \\ \\ CamoTvl il Tagan, ra ar viTardeba bul buri meqanizmebis central uri inervaciis cal mxri moSl is SemTxvevaSi?
- \\ enisqveSa nervis central uri parezi;
- \\ saxis nervis qveda totis central uri parezi;
- \\ piriis kuTxis daSveba \_ procesis mxareze;
- \\ piriis Rrudan win gamoyofisas, ena ixreba procesis mxareze.

- \\ \\ CamoTvl il Tagan, romel i debul eba ar aris damaxasiaTebel i brounsekaris sindromisTvis?
- \\ Rma mgrZnobel obis moSl a procesis mxareze;
- \\ pol iomiel ituri tipis dune dambl a, procesis mxareze;
- \\ spazmuri dambl a procesis qvemoT, imave mxares;
- \\ spinuri segmenturi tipis anestezia procesis mopi rdapire mxareze.

- \\ \\ CamoTvl il Tagan, ra ar aRiniSneba orive enisqveSa nervis dazianebebis?
- \\ enis orive naxebris atrofia;
- \\ fibril Ta TrTol va enis orive naxevarze;
- \\ gl osopl egia;
- \\ anarTria;
- \\ disfagia.

\\ CamoTvl il Tagan, sad aris moTavsebul i zerel e da Rrma mgrZnobel obis gamtari gzebis pirvel i neironebi?

\\ mal TaSua kvanZSi;

\\ zurgis tvinis wina rqebSi;

\\ zurgis tvinis ukana rqebSi;

\\ tvinis ReroSi;

\\ Tal amusis birTvebSi.

\\ CamoTvl il Tagan, sad aris moTavsebul i zerel e da Rrma mgrZnobel obis gamtari gzebis mesame neironebi?

\\ spinur kvanZSi;

\\ zurgis tvinis wina rqebSi;

\\ zurgis tvinis ukana rqebSi;

\\ tvinis ReroSi;

\\ Tal amusis birTvebSi.

\\ CamoTvl il Tagan, ra ar aRiniSneba gul mkerdis doneze zurgis tvinis dazianebis dros?

\\ inkoordinacia;

\\ nawol ebi;

\\ mgrZnobel obis moSI a;

\\ metyvel ebis moSI a;

\\ menj is Rrus organoebis funqciis moSI a.

\\ CamoTvl il Tagan, romel i sistema monawil eobas ar Rebul obs kunTTa tonusis regul aciaSi?

\\ gama-maryuJi;

\\ nebisyoFiTi moZraobebis anal izatori;

\\ naTxemi;

\\ mxedvel obis anal izatori;

\\ eqstrapiramidul i sistema

\\ CamoTvl il Tagan, romel i komponenti ar warmoadgens miotatiuri refl eqsis Semadgenel nawil s?

\\ motoneironebi;

\\ mionevral uri firfitebi;

\\ golji-maconis sxedul akebi;

\\ goljis myesovani aparati;

\\ renSous uj redebi.

\\ CamoTvl il Tagan, ra ar axasiaTebas miar-gubl eris sindroms?

\\ varolis xidis qveda nawil is dazianeba;

\\ SigniTa siel me;

\\ saxis mimikuri kunTebis dambl a;

\\ spazmuri hemipl egia;

\\ gareTa siel me.

\\ CamoTvl il Tagan, sad vl indeba mgrZnobel obis moSI a SuaTana nervis dazianebis dros?

\\ xelis mtevnis zurgze;

\\ xel isgul ze: I, II, nawil obriv III TiTSi;  
\\ xel isgul ze: IV, V, nawil obriv III TiTSi;  
\\ mtevnis TiTebis bol o fal angebSi.

\\ \\ CamoTvl il Tagan, romel i struqturis dazianebaze miuTiTebis myes-  
Zval Ta refl eqsebis momateba?

\\ zurgis tvinis;  
\\ periferiul i nervebis;  
\\ naTxemis;  
\\ proprioceptorebis;  
\\ kunTebis.

Tavis tvinis sisxl ZarRvovani paTol ogia

\\ \\ CamoTvl il Tagan, romel i procesi warmoadgens tvinis infarqtis  
ganviTarebis yvel aze xSir mizezs?

\\ aTeroskl erozi;  
\\ tvinis embolia;  
\\ hipertenziul i genezis sisxl ZarRvTa intimis hiperpl azia;  
\\ tvinis garsebis sisxl ZarRvebis anTeba.

\\ \\ CamoTvl il Tagan, romel i ar miekuTvneba tvinis infarqtis  
ganviTarebis risk-faqtors?

\\ hipotireozi;  
\\ hiperqol esterinemia;  
\\ winagul ebis fibril acia;  
\\ arteriul i hipertenzia;  
\\ sigaretis moweve.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis I akunuri insul tis sindroms?

\\ didi epil efsiuri gul yrebi;  
\\ mxol od moZraobis deficiiti;  
\\ mxol od sensorul i deficiiti;  
\\ dazarTria;  
\\ hemipl egia ataqsi iT.

\\ \\ CamoTvl il Tagan, cerebrul i insul tis dros, procesis romel  
I okal izaciaze miuTiTebis mxol od moZraobis deficiiti?

\\ SigniTa kafsul is ukana fexi;  
\\ naTxemi;  
\\ mxedvel obis borcvi;  
\\ mqrTal i burTi;  
\\ varol io xidi.

\\ \\ CamoTvl il Tagan, cerebrul i insul tis dros, procesis romel  
I okal izaciaze miuTiTebis mxol od sensorul i deficiiti?

\\ SigniTa kafsul is ukana fexi;  
\\ naTxemi;  
\\ mxedvel obis borcvi;  
\\ kudiani birTvi.

\\ \\ CamoTvl il Tagan, romel i simptomokompl eqsi vl indeba SigniTa saZil e arteriis Trombozis SemTxvevaSi?  
\\ \\ val enberg-zaxarCenkos al ternaciul i sindromi;  
\\ \\ veberis al ternaciul i sindromi;  
\\ \\ al ternaciul i optiko-piramidul i sindromi;  
\\ \\ sensorul i afazia.

\\ \\ CamoTvl il Tagan, romel i simptomokompl eqsi axasiaTebis xerxeml is arteriis eqstrakraniul i nawil is okl uzias, intrakraiul i nawil is okl uziisagan gansxvavebiT?  
\\ \\ tipiuri al ternaciul i sindromebi;  
\\ \\ Tval is kakl ebis mamozravebel i darRvevebi;  
\\ \\ motorul i da sensorul i deficiiti;  
\\ \\ Reros RerZis gaswrvivi, "I aqovani" dazianeba;  
\\ \\ vestibul o-cerebrul i darRvevebi.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis tvinis marj vena Sua arteriis dazianebas?  
\\ \\ marcxena xel is apraxia;  
\\ \\ marcxenamxrivi hemianofsia;  
\\ \\ marcxenamxrivi hemipl egia;  
\\ \\ anozognozia.

\\ \\ CamoTvl il Tagan, ra axasiaTebis tvinis ukana arteriis dazianebas?  
\\ \\ homonimuri hemianofsia;  
\\ \\ bi temporal uri hemianofsia;  
\\ \\ binazal uri hemianofsia;  
\\ \\ mxedvel obis vel is koncentriul i Seviwroeba.

\\ \\ CamoTvl il Tagan, romel i sisxl ZarRvebis okl uzi rebisas aRini Sneba val enberg-zaxarCenkos sindromis arT-erTi varianti - I ateral uri medul uri sidromi?  
\\ \\ xidis mokl e cirkul uri arteriebi;  
\\ \\ xidis grZel i cirkul uri arteriebi;  
\\ \\ xidis paramedianuri arteriebi;  
\\ \\ naTxemis qveda wina arteriebi;  
\\ \\ naTxemis qveda ukana arteriebi.

\\ \\ CamoTvl il Tagan, romel i struqtura ar ziandeba naTxemis qveda ufana arteriis medial uri totis okl uziis SemTxvevaSi?  
\\ \\ kortiko-spinuri traqti;  
\\ \\ V wy. nervis birTvi da fesvi;  
\\ \\ ormagi birTvi;  
\\ \\ I ateral uri cpinoTal amuri traqti;  
\\ \\ naTxemis qveda fexi.

\\ \\ CamoTvl il Tagan, romel i nivTiereba ar monawil eobs cerebrul i sisxl is mimogqcevis humoral uri meqanizmebis regul aciaSi?  
\\ \\ kaTeqol aminebi;  
\\ \\ peptidebi;  
\\ \\ I ipoproteinebi;

\\ prostagi andinebi.

\\ \\ CamoTvl il Tagan, aTeroskl erozis dros, romel faqtors eniWeba yvel aze nakl ebi mniSvnel oba cerebrul i sisxl is mimoqcevis ukmarisobis ganviTarebaSi?

\\ kisris monakveTis magistral uri sisxl ZarRvebis stenozi;

\\ perfuziul i wnevis daqveiTeBa;

\\ eriTrociTebis el astiurobis daqveiTeBa;

\\ Sededebis sistemis aqtivobis daqveiTeBa.

\\ \\ CamoTvl il Tagan, drois romel i monakveTi miesadageba kerovani cerebrul i simptomatikis regress cerebrul i sisxl is mimoqcevis gardamaval i moSl is dros?

\\ erTi dRe-Rame;

\\ erTi kvira;

\\ ori kvira;

\\ sami kvira;

\\ erTi Tve.

\\ \\ CamoTvl il Tagan, romel i meTodi gamoiyeneba xerxeml is arteriebis paTol ogiuri dakl aknil obis diagnostikis mizniT?

\\ ul trabgeriTipl erografia;

\\ konvenciuri angiografia;

\\ rentgenuri kompiuterul i tomografia;

\\ eqoencefal ografia.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis vertebro-bazil arul ukmarisobas?

\\ dizarTria;

\\ afazia;

\\ mxedvel obis darRveva;

\\ statikisa da siarul is moSl a.

\\ \\ gamomdinare cerebrul i iSemiuri insul tis cirkadianul i manifestacia, CamoTvl il Tagan, dRe-Ramis romel i monakveTi aris arakeTil saimedo?

\\ 12 \_ 19 s;

\\ 19 \_ 23 s;

\\ 23 \_ 6 s;

\\ 6 \_ 12 s.

\\ \\ CamoTvl il Tagan, romel i l okal izaciis paTol ogiuri procesi ar vizual izirdeba mrt-Ti, 100 %-ni al baTobiT?

\\ naTxemis infarqti;

\\ hemisferul i infarqti;

\\ Reros infarqti;

\\ bazal uri gangli ebis infarqti.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis cerebrul i sisxl is mimoqcevis qronikul i ukmarisobis dros, fsevdobul bur sindroms?

\\ dizarTria;

\\ disfonia;

- \\ disfagia;
- \\ fibril Ta weva enaze;
- \\ oral uri avtomatizmis ni Snebi.

\\ \\ CamoTvl il Tagan, romel i gamtarebis erTdroul i dazianeba iwvevs fsevdobul buri sindromis ganviTarebas?

- \\ dominanturi hemisferos piramidul i da naTxemis gzebi;
- \\ aradominanturi hemisferos piramidul i da naTxemis gzebi;
- \\ dominanturi hemisferos piramidul i da eqstrapiramidul i gzebi;
- \\ aradominanturi hemisferos piramidul i da eqstrapiramidul i gzebi;
- \\ dominanturi da aradominanturi hemisferos piramidul i gzebi.

\\ \\ CamoTvl il Tagan, insul tis meoradi prevenciis mizniT ra SemTxvevaSi iniSneba antikoagul antebi? \\ mocimcime arITmia;

- \\ hiperqol esterinemia;
- \\ arteriul i wnevis maRal i cifrebi;
- \\ hiperql ikemia.

\\ \\ CamoTvl il Tagan, romel i procesi ar iwvevs cerebrul i arteriebis Trombozis ganviTarebas?

- \\ arteriul i wnevis daqveiTeba da sisxl is nakadis Senel eba;
- \\ sisxl is sibl antisa da agregaciis momateba;
- \\ sisxl is koagul aciuri aqtivobis momateba;
- \\ sisxl is fibrinol izuri aqtivobis momateba.

\\ \\ CamoTvl il Tagan, romel i procesi ar iwvevs araTrombul i genezis iSemiuri insul tis ganviTarebas?

- \\ sisxl ZarRvebis spazmi;
- \\ cerebrul i sisxl ZarRvovani ukmarisoba;
- \\ arterio-arteriul i mikroembol ia;
- \\ kardiogenuri embol ia.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis disemini rebul i sisxl ZarRvSi da Sededebis sindromis I stadias?

- \\ hipokoagul acia;
- \\ hiperkoagul acia;
- \\ formiani el ementebis sisxl ZarRvSi da agregacia;
- \\ mikrociirkul aciis bl okada.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis cerebrul i arteriebis embol ias?

- \\ kerovani simptomatikis uecari ganviTareba;
- \\ embol iis mxareze mxedvel obis nervis dvril is SeSupeba;
- \\ zogadtvinovani simptomatika;
- \\ mocimcime arITmia.

\\ \\ CamoTvl il Tagan, ra ar aris cerebrul i iSemiuri insul tis ganviTarebis mizezi orsul ebsa da mel ogineebSi?

- \\ orsul Ta gviani toqsikozi;
- \\ hiperqol esterinemia;
- \\ intrakraniul i venuri sinusebis Trombozi;
- \\ [arterio-venuri](#) mal formaciis gaskdoma.



\\ \\ CamoTvl il Tagan, iSemiuri insul tis dros, romel i aris dehidrataciul i saSual ebebs daniSvnis Cvneba?

\\ gamoxatul i zogadtvinovai simptomatika;

\\ \\ hipovol emia;

\\ \\ hiperkoagul acia;

\\ \\ cnobierebis dabi ndva.

\\ \\ CamoTvl il Tagan, tvinis sisxl ZarRvebis okl uziis dros, ra SemTxvevaSi mimarTaven antiTrombol izur Terapias?

\\ \\ daavadebis xangrZl ivoba < 3 saaTi;

\\ \\ anuriis ararseboba;

\\ \\ hemoragiul i sindromi;

\\ \\ arteriul i wneva 200/100 mm Hg-is dabal i.

\\ \\ \\ CamoTvl il Tagan, iSemiuri insul tis dros, mkurnal obis romel i meTodi ar gamoiyeneba?

\\ \\ metabol uri acidozis koreqcia;

\\ \\ hiperproTrombinemiis koreqcia;

\\ \\ hiperproteinemiis koreqcia;

\\ \\ tvinis SeSupebis mkurnal oba;

\\ \\ wyal -el eqtrol ituri disbal ansis koreqcia.

\\ \\ \\ CamoTvl il Tagan, ra ar axasiaTebis tvinSi hipertonusul i genezis sisxl Caqcevas?

\\ \\ CaRvriil i sisxl iT tvinis nivTierEBis kompresia;

\\ \\ sisxl Caqcevis ubanSi vazoparezi;

\\ \\ tvinis Reros disl okacia;

\\ \\ tvinis fuZis arteriebis okl uzia;

\\ \\ tvinis SeSupeba.

\\ \\ \\ CamoTvl il Tagan, ras eniWeba gamawyveti mniSvnel oba parenqimul - subaraqnoidul i sisxl Caqcevis diagntikaSi?

\\ \\ cnobierebis dakargva;

\\ \\ sisxl iani l iqvori;

\\ \\ eqo-signal is cdoma;

\\ \\ hemiparezi.

\\ \\ \\ CamoTvl il Tagan, ra ar aRiniSneba tvinis ReroSi sisxl CaqcevisaTvis dros?

\\ \\ kraniul i nervebis dazianeba;

\\ \\ meningeal uri sindromi;

\\ \\ gugebis paTol ogia;

\\ \\ ormxrivi piramidul i niSnebi.

\\ \\ \\ CamoTvl il Tagan, ra aris damaxasiaTebel i sisxl CaqcevisaTvis naTxemSi?

\\ \\ cnobierebis dakargva;

\\ \\ hemiparezi;

\\ \\ mxedvel obis moSl a;

\\ \\ pi rRebi neba.

\\ \\ CamoTvl il Tagan, cerebrul i insul tis Semdeg ra SemTxvevaSi  
aRmocendeba epil efsiuri gul yrebi?  
\\ \\ myare motorul i deficiiti;  
\\ \\ qerqul i infarqti;  
\\ \\ sisxl Caqceva tvinis ReroSi;  
\\ \\ gul is sarqvl evis manki.

Tavis tvinsi hipertoniul i genezis sisxl Caqcevis dros, rodesac sisxl is  
osmol aroba 300 mosm/l metia, CamoTvl il Tagan, romel i dehidrataciul i  
saSual eba gamoiyeneba?

\\ \\ Sardovana;  
\\ \\ steroidebi;  
\\ \\ manitol i;  
\\ \\ I aziqsi.

\\ \\ \\ CamoTvl il Tagan, romel asakSi upiratesad vl indeba anevrizmebi?  
\\ \\ 5-15 wel i;  
\\ \\ 16-20 wel i;  
\\ \\ 21-40 wel i;  
\\ \\ > 40 wel i;  
\\ \\ Tanabrad, nebi smier asakSi.

\\ \\ \\ CamoTvl il Tagan, romel i meTodiT SesaZl ebel ia tvinis arteriis  
anevrizmis, diametriT 3 mm, diagnostireba?

\\ \\ angiografiiT;  
\\ \\ ul trabgeriT i dopl erografiiT;  
\\ \\ kompiuterul i tomografiiT;  
\\ \\ radioizotopuri scintografiiT.

\\ \\ \\ CamoTvl il Tagan, romel i kraniul i nervebis dazianebe axasiaTebis  
SigniT sazil e arteriis, subkl inoiduri nawil is aragamskdar  
anevrizmas?

\\ \\ III-VI wy.;  
\\ \\ VII da VIII wy.;  
\\ \\ IX da X wy.;  
\\ \\ XI da XII wy.

\\ \\ \\ CamoTvl il Tagan, ra aris damaxasiaTebel i bazil arul i arteriis  
aragamskdari anevrizmis kl inikisTvis?

\\ \\ zeda Tval budis napral is sindromi;  
\\ \\ kavernozul i sinusis gareTa kedl is sindromi;  
\\ \\ sil viis Raris dazianebebis sindromi;  
\\ \\ dezis napral is dazianebebis sindromi;  
\\ \\ naTxem-xidis kuTxis dazianebebis sindromi.

\\ \\ \\ CamoTvl il Tagan, ra aRiniSneba gaumskdari konveqsiTal uri  
arteriovenuri anevrizmis SemTxvevaSi?

\\ \\ mxedvel obis darRveva;  
\\ \\ Tval is kakl ebebis moZraobis SezRudva;  
\\ \\ meningeal uri niSnebi;

\\ intrakraniul i hipertenzia;  
\\ epileptiformul i gulgurebi.

\\ Camotvi il Tagan, ra arini sneba supratentorial i arteriovenuri anevrizmi gaskdomis dros \_ arteriul i anevrizmi gaskdomasTan SedarebiT?

\\ sisxl is gasvl a tvinis bazal ur cisternebsi;  
\\ meningeal uri sindromis ganvitareba;  
\\ asimetriul i hidrocefali is ganvitareba;  
\\ intracerebrul i hematomi ganvitareba;  
\\ Tval is kaklebis mozraobis darRvevebi.

\\ Camotvi il Tagan, romel i patologiis dros vitardeba septiuri anevrizma?

\\ bakteriul i infeqcia;  
\\ sokosmiuri infeqcia;  
\\ araspecificiuri arteriitebi;  
\\ endoteliumis hiperplazia;  
\\ virusul i infeqcia.

\\ Camotvi il Tagan, ra axiasiebs tvinis zedapirul i venebis Tromboziskl inikur gamovlinebas?

\\ zogadtvinovani simptomatika;  
\\ mxedvel obis nervis dvril is Sesupeba;  
\\ kerovani hemisferul i simptomebis cval ebadoba;  
\\ meningeal uri sindromi;  
\\ subfibriliteti.

\\ Camotvi il Tagan, rit gansxvavdeba tvinis Rma venebis Trombozistvini zedapirul i venebis Trombozisan?

\\ zogadtvinovani simptomebis arsebobit;  
\\ Tval is fskerze Segubebis nisnebit;  
\\ tvinis Reros dazianebis simptomatikit;  
\\ meningeal uri sindromis arsebobit.

\\ Camotvi il Tagan, ra axiasiebs zurgis tvinis zeda sisxl ZarRvovani auzis isemias?

\\ intrakraniul i hipertenziis sindromi;  
\\ dunde damblaxel si daspasiuri damblaxel fexsi;  
\\ sajdomi nervis damblaxel;  
\\ sfinqterbis funqciis moxla.

\\ Camotvi il Tagan, romel i patologiawarmoadgens zurgis tvinisi sisxl Caqcevis yvel axesimizezs?

\\ hipertoniul i daavadeba;  
\\ arterosklerozi;  
\\ neirolesis sisxl ZarRvovani forma;  
\\ spinuri arteriovenuri malformacia.

\\ Camotvi il Tagan, romel i metodit Sesazlebelia isemuri insulit adreul i diagnostika?

\\ el eqtroencefal ografia;  
\\ rentgenul i kompiuterul i tomografia;  
\\ magnitur-rezonansul i tomografia;  
\\ pozitronul -emisiuri tomografia.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba tvinis ukana arteriis Trombozis dros?

\\ kvadrantul i hemianofsia;  
\\ motorul i afazia;  
\\ mxedvel obiTi agnoziaz;  
\\ al eqsia.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba xerxeml is arteriis Trombozis dros?

\\ IX, X, XI da XII wy. nervebis periferiul i dambli a;  
\\ ataqsia;  
\\ hemianesTezia;  
\\ motorul i afazia;  
\\ horneris sindromi.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba bazil arul i arteriis Trombozis dros?

\\ gardamaval i sibrmave orive Tval ze;  
\\ tetraparezi;  
\\ motorul i afazia;  
\\ Tval is kakl ebis SeuRI ebul i moZraobis moSI a;  
\\ fsevdobul buri sindromi.

\\ \\ CamoTvl il Tagan, romel sisxl ZarRvovan auzSi mwvave sisxl is mimoqcevis moSI is SedegaT viTardeba motorul i afazia?

\\ tvinis Sua arteriis qerqul i totebi, marcxniv;  
\\ tvinis ukana arteriis qerqul i totebi, marcxniv;  
\\ tvinis wina arteriis qerqul i totebi, marcxniv;  
\\ xerxeml is arteria, marcxniv;  
\\ bazil arul i arteria.

\\ \\ CamoTvl il Tagan, romel sisxl ZarRvovan auzSi mwvave sisxl is mimoqcevis moSI is SedegaT viTardeba sensorul i afazia?

\\ tvinis Sua arteriis qerqul i totebi, marcxniv;  
\\ tvinis ukana arteriis qerqul i totebi, marcxniv;  
\\ tvinis wina arteriis qerqul i totebi, marcxniv;  
\\ xerxeml is arteria, marcxniv;  
\\ bazil arul i arteria.

Tavisa da zurgis tvinis simsiivneebi

\\ \\ CamoTvl il Tagan, nervul i sistemis romel i struqturidan, yvel aze xSirad warmoSoba tvinis simsiivneebi?

\\ gl iuri uj redebi;  
\\ neironebi;

\\ tvinis garsebi;  
\\ endoTel uri uj redebi.

\\ \\ CamoTvl il Tagan, bavSvebSi, tvinis romel i simsiVneebi vl indeba yvel aze xSirad?

\\ \\ metastazuri simsiVneebi;  
\\ \\ ol igodendrogl iomebi;  
\\ \\ mul ti formul i gl iobl astomebi;  
\\ \\ meningiomebi;  
\\ \\ subtentoriul i simsiVneebi.

\\ \\ \\ CamoTvl il Tagan, Tavis tvinis pirvel ad simsiVneebS Soris romel i aris yvel aze gavr cel ebul i tipi?

\\ \\ meningioma;  
\\ \\ astroci toma;  
\\ \\ I imfosarkoma;  
\\ \\ ol igodendrogl ioma;  
\\ \\ medul obl astoma.

\\ \\ \\ kal cifikatebis Cal ageba simsiVneSi, rac konvenciuri Ro-grafii T procesis diagnostirebis saSual ebas iZl eva, CamoTvl il Tagan, romel i simsiVnuri procesisaTvis aris damaxasiaTebel i?

\\ \\ medul obl astoma;  
\\ \\ astroci toma;  
\\ \\ ol igodendrogl ioma.

\\ \\ \\ CamoTvl il Tagan, ra warmoadgens bavSvebSi naadrevi sqesobrivi ganviTarebisa da mxedvel obis nervis dvril is SeSupebis SesaZl o mizezs?

\\ \\ j al Ruzisebri sxeul is simsiVne;  
\\ \\ ol igodenrogl ioma;  
\\ \\ kernoxanis mixedvi T II xarisxis astroci toma;  
\\ \\ tvinis Reros gl ioma;  
\\ \\ ependimoma.

\\ \\ \\ zogadtvinovani simptomatika (Tavis tkivil i, pirRebineba, mxedvel obis nervis dvril is SeSupeba) dazianebis I okal uri niSnebis ararsebobis fonze, CamoTvl il Tagan, romel i simsiVnuri procesisaTvis ar aris damaxasiaTebel i?

\\ \\ IV parkuWis ependimoma;  
\\ \\ safeTql is wil is astroci toma;  
\\ \\ naTxemis Wiis medul obl astoma;  
\\ \\ krani ofargioma;  
\\ \\ j al Ruzisebri sxeul is simsiVne.

\\ \\ \\ CamoTvl il Tagan, romel i organo warmoadgens tvinis metastazuri simsiVneebis yvel aze xSir wyaros?

\\ \\ sarZeve j irkvl ebi;  
\\ \\ fil tvebi;  
\\ \\ Tirkmel ebi;  
\\ \\ kani;  
\\ \\ saSvil osno.

\\ \\ CamoTvl il Tagan, tvinis romel monakveTSi yvel aze xSirad gvxdaba metastazebi?

\\ tvinis ruxi da TeTri nivTierebis sazRvarze;

\\ \\ mxedvel obis borcvSi;

\\ \\ ukana fosoSi;

\\ \\ kudian birTvSi;

\\ \\ Turqul kexSi.

\\ \\ CamoTvl il Tagan, Sidsis dros ganviTarebul i simsvneebidan zogad popul aciaSi, romel i aRmocendeba Zal zed iSviaTad?

\\ \\ I imfol eikozi;

\\ \\ metastazuri I imfoma;

\\ \\ pirvel adi sarkoma;

\\ \\ kapoSi sarkoma;

\\ \\ I imfosarkoma.

\\ \\ CamoTvl il Tagan, tvinis metastazuri simsvneebidan, romel i ar aris mgrZnobiare Ro dasxivebis mimarT?

\\ \\ I imfomebi;

\\ \\ seminoma;

\\ \\ avTvisebiani mel anoma;

\\ \\ sarZeve j irkvl is karcinoma;

\\ \\ qoriokarcinomebi.

\\ \\ CamoTvl il Tagan, romel i simsvnuri procesisaTvis aris damaxasiartebel i xangrZl ivi remisია simsvnis Ro dasxivebis Semdeg?

\\ \\ medul obl astoma;

\\ \\ astrocitoma;

\\ \\ qoriokarcinoma.

\\ \\ CamoTvl il Tagan, ra warmoadgens III parkuWis kol oiduri kistis garTul ebas?

\\ \\ ormxrivi hemianofsia;

\\ \\ hidrocefalia;

\\ \\ ataqsuri siarul i;

\\ \\ mxedvel obis nervis atrofia.

\\ \\ CamoTvl il Tagan, sicocxl is yvel aze mokl e xangrZl ivoba, tvinSi metastazebis arsebobis dros, romel proces axasiaTebis?

\\ \\ avTvisebian mel anomias;

\\ \\ sarZeve j irkvl is kibos;

\\ \\ fil tvis kibos;

\\ \\ Tirkmel is kibos;

\\ \\ winamdebare j irkvl is kibos.

\\ \\ CamoTvl il Tagan, simsvnis romel i I okal izaciisaTvis aris damaxasiaTebel i mozardis naadrevi sqesobrivi ganviTareba?

\\ \\ naTxemis Wia;

\\ \\ j al Ruzisebri sxoul i;

\\ \\ tvinis namgal i;

\\ wina SesarTavi;  
\\ subTal amuri birTvi.

\\ \\ CamoTvl il Tagan, romel i simsiavnuri procesis dros aRiniSneba ormxrivi hemianofsia?

\\ mxedvel obis nervis gl ioma;  
\\ kefis wil ebis astrocitoma;  
\\ tvinis Reros gl ioma;  
\\ hipofizis adenoma;  
\\ sol isebri Zvl is frTis meningioma.

\\ \\ CamoTvl il Tagan, romel i procesisaTvis ar aris damaxasiaTebel i hipoTal amur-hipofizuri ukmarisobis ganviTareba?

\\ krani ofaringioma;  
\\ qorioidpapiI oma;  
\\ giganturi anevrizma;  
\\ metastazuri karcinoma;  
\\ hipoTal amuri gl ioma.

\\ \\ CamoTvl il Tagan, ukana fosos epindimomis SemTxvevaSi, ra warmoadgens sikvdil is mizezs?

\\ tvinis CaWedva kefis did xvrel Si;  
\\ embol ebis "gamosrol a" simsiavnidan;  
\\ simsiavnIT tvinis sisxl ZarRvis okl uzia;  
\\ simsiavnis hemoragiul i nekrozi;  
\\ epil efsiuri statusi.

\\ \\ CamoTvl il Tagan, romel i simsiavnuri procesis dros viTardeba sisxl Caqceva simsiavneSi, romel ic ar iwvevs mis Semdgom disl okacias?

\\ medul obl astoma;  
\\ astrocitoma;  
\\ metastazuri karcinoma.

\\ \\ CamoTvl il Tagan, ra warmoadgens epidurul i hematomis mudmivi kerovani niSanis \_ gugis gafarToebis Tanxl eb simptoms?

\\ hemiparezi hematomis mxareze;  
\\ hemiparezi kontrl ateral ur mxareze;  
\\ monoparezi hematomis mxareze. 0

\\ \\ CamoTvl il Tagan, kvl evis romel i meTodiT SeuZl ebel ia subdurul i hematomis damaxasiaTebel i diagnostikuri niSnebis gansazRvra?

\\ kt-iT;  
\\ angiografiiT;  
\\ eqoencefal ogrfiiT;  
\\ mrt-Ti.

\\ \\ CamoTvl il Tagan, raze miuTiTebis qal a-tvinis travmis Sedegad ganviTarebul i kisris kunTebis rigidoba da sinaTI is SiSi?

\\ tvinis Seryevaze;  
\\ subaraqnoidul sisxl Caqcevaze;  
\\ tvinis daJeJil obaze;

\\ intrakraniul hematomaze.

\\ \\ CamoTvl il Tagan, kvl evis romel i meTodiT SesaZl ebel ia subaraqnoidul i sisxl Caqcevis dadebiTi diagnostikuri niSnebis gamovavl ena?

\\ mrt-iT;

\\ angiografiiT;

\\ eqoencefal ografiiT;

\\ transkraniul i dopl erografiiT.

\\ \\ \\ CamoTvl il Tagan, kt-ze ra axasiaTebis mwvave subdurul hematomas?

\\ simkvrivis homogenuri momatebis zona;

\\ simkvrivis homogenuri daqveiTebis zona;

\\ simkvrivis araerTgvarovani momatebis zona;

\\ SeSupebis zona.

\\ \\ \\ CamoTvl il Tagan, ra warmoadgens qal a\_tviniis mwvave travmis kraniografiul niSans?

\\ "TiTisebri" CanaWdevebi;

\\ sisxl ZarRvovani suraTis gaZl iereba;

\\ Turqul i kexis siRrmis mateba;

\\ kefis Zvl isa da kefis naxevarrkal is osteoporozis;

\\ qal a Zvl ebis defeqti.

\\ \\ \\ CamoTvl il Tagan, romel i preparetebi ar gamoiyeneba qal a-tviniis mZime travmis mwvave stadiaSi, intrakraniul i hipertenziis mkurnal obis mizniT?

\\ nootropebi;

\\ osmodiuretikebi;

\\ gl ukokortikoidები;

\\ barbituratebi.

\\ \\ \\ CamoTvl il Tagan, romel i preparetebi gamoiyeneba qal a-tviniis mZime travmis dros, tviniis SeSupebis mkurnal obis mizniT \_ el eqtrol itur bal ansze yvel aze nakl ebi moqmedebis gamo?

\\ hidrokortizoni;

\\ prednizoloni;

\\ deqsametazoni;

\\ kortizoli.

\\ \\ \\ zurgis tviniis pirvel adi simsivneebis remisiul i mimdinareoba, CamoTvl il Tagan, yvel aze xSirad procesis romel i l okal izaciisaTvis aris damaxasiaTebel i?

\\ wel is midamo;

\\ kisris midamo;

\\ raSis kudi;

\\ gul mkerdis midamo.

\\ \\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i naTxemis karavis sindromisaTvis?

\\ Tval is kakl ebis tkivil i sinaTl is SiSiT;



\\ homonimuri hemianofsia;  
\\ smenis darRveva;  
\\ vestibul uri darRvevebi.

\\ \\ CamoTvl il Tagan, ra warmoadgens travmul i hematomi el iis Sedarebi T adreul gamovl inebas?

\\ Rma mgrZnobel obis moSl a;  
\\ broun-sekaris sindrmi;  
\\ motorul i defici ti;  
\\ mgrZnobel obis disocirebul i moSl a.

\\ \\ CamoTvl il Tagan, romel i warmoadgens zurgis tvinis pirvel adi simsi vneebis Sedarebi T i Svia T variants?

\\ gl iomebi;  
\\ hemangiomebi;  
\\ nevrinomebi;  
\\ meningiomebi.

\\ \\ CamoTvl il Tagan, zurgis tvinis simsi vnis romel i l okal izaci i sTvis nakl ebad informaciul ia spondil ografia?

\\ intramedul uri;  
\\ subdurul i;  
\\ epidurul i;  
\\ epidurul -eqstravertebrul i.

\\ \\ CamoTvl il Tagan, ra SemTxvevaSi l iqvorSi, aRini Sneba cil is yvel aze mni Svel ovani momateba?

\\ kisris Semsxvil ebis intramedul uri simsi vne;  
\\ gul mkerdis estramedul uri (subdurul i) simsi vne;  
\\ wel is Semsxvil ebis intramedul uri simsi vne;  
\\ raSis kudis simsi vne;  
\\ wel is Semsxvil ebis eqstramedul uri (subdurul i) simsi vne.

\\ \\ CamoTvl il Tagan, ra bunebis simsi vne aRini Sneba gverdi Ti parkuWebis wina nawil is daziane bisas?

\\ meningioma;  
\\ qorio idpapi l oma;  
\\ ependimoma;  
\\ astrocitoma.

\\ \\ CamoTvl il Tagan, simsi vnis romel i l okal izaci isaTvis damaxasiaTebel ia general izebul i epil efsiuri gul yrebi?

\\ Subl is wil i;  
\\ safeTql is wil i;  
\\ Txemis wil i;  
\\ kefis wil i.

\\ \\ CamoTvl il Tagan, simsi vnis romel i l okal izaci isaTvis damaxasiaTebel ia adversiul i tipis gul yrebi, Tavis deviaci iT kontrl ateral ur mxareze?

\\ Subl is wil i;

- \\ safeTql is wil i;
- \\ Txemis wil i;
- \\ kefis wil i.

\\ \\ CamoTvl il Tagan, romel i aris zurgis tvinis simsi vneebis yvl aze xSiri l okal izacia?

- \\ intramdul urad;
- \\ epidurul ad;
- \\ subdurul ad;
- \\ eqstramedul urad.

\\ \\ CamoTvl il Tagan, ra SemTxvevaSi vi Tardeba hemianofsia safeTql is wil is intracerebrul i simsi vnis dros?

- \\ mxedvel obis nervebis j varedinis daziane bis Sedegad;
- \\ mxedvel obis traqtis daziane bis Sedegad;
- \\ pirvel adi mxedvel obis centre bis daziane bis Sedegad;
- \\ graciol es konis daziane bis Sedegad.

\\ \\ CamoTvl il Tagan, romel i aris Subl -kal ozuri l okal izaciis simsi vnis adreul i simptomi?

- \\ qveda spastiuri paraparezi;
- \\ koordinaciis darRveva;
- \\ astazia-abazia;
- \\ qceviTi darRevebi;
- \\ mxedvel obis vel is bitemporal uri defeqtebi.

\\ \\ CamoTvl il Tagan, ra aRiniSneba Txemis wil is zeda nawil Si simsi vnis l okal izaciis SemTxvevaSi?

- \\ dune hemiparezi;
- \\ parezis siWarbe xel Si;
- \\ mgrZnobel obis moSl a hemi tipi T;
- \\ kvadrantul i hemianofsia.

\\ \\ CamoTvl il Tagan, ra vl indeba Txemis wil is qveda nawil Si simsi vnis l okal izaciis SemTxvevaSi?

- \\ motorul i afazia;
- \\ sensorul i afazia;
- \\ semantiuri afazia;
- \\ amnestiuri afazia.

\\ \\ CamoTvl il Tagan, ra aris damaxasiaTebel i suprasel arul ad gazrdil i hipofizis adenomas oftal mol ogiuri stadiisaTvis?

- \\ homonimuri hemianofsia;
- \\ binazal uri hemianofsia;
- \\ bitemporal uri hemianofsia;
- \\ kvadrantul i hemianofsia.

\\ \\ CamoTvl il Tagan, hipofizis romel i tipis adenoma iwevs akromegal ias?

- \\ eozinofil uri;
- \\ bazofil uri;

\\ qromofobul i.

\\ \\ CamoTvl il Tagan, Turqul i kexis midamos romel simsi vneebSi ufro xSiria gakerul i ubnebis Camoyal i beba?

\\ \\ hipofizis adenomebSi;

\\ \\ krani ofaringiomebSi;

\\ \\ Turqul i kexis borcv is araqnoidendoTel iomebSi;

\\ \\ mxedvel obis nervis gl iomebSi.

\\ \\ CamoTvl il Tagan, ukana fosos simsi vneebis dros riT aris ganpi robebul i bitemporal uri hemianofsia?

\\ \\ qiazmis kompresiiT tvinis disl okaci isas;

\\ \\ III parkuWis hidrocefal i iT;

\\ \\ sisxl is mimoqcevis moSl iT qiazmaSi;

\\ \\ qiazmis destruqci iT.

\\ \\ CamoTvl il Tagan, subtentoriul i simsi vneebis dros i SviaTad rod is aRiniSneba Tavis iZul ebur i mdebareoba?

\\ \\ naTxem-xidis kuTx is simsi vnis SemTxvevaSi;

\\ \\ IV parkuWis simsi vnis SemTxvevaSi;

\\ \\ naTxemis Wi is simsi vnis SemTxvevaSi;

\\ \\ naTxemis hemisferos simsi vnis SemTxvevaSi.

\\ \\ CamoTvl il Tagan, romel i miekuTvneba central uri nervul i sistem is meningo-sisxl ZarRvovani simsi vneebis?

\\ \\ astroci tomebi;

\\ \\ ol igodendrogl iomebi;

\\ \\ mul ti formul i spongiobl astomebi;

\\ \\ araqnoidendoTel iomebi.

\\ \\ CamoTvl il Tagan, ra aris Turqul i kexis borcv is araqnoidendoTel i omis adreul i gamovl ineba?

\\ \\ ynosvis daqvei Teba;

\\ \\ Tavis tkivil i;

\\ \\ mxedvel obis daqvei Teba;

\\ \\ veberis sindromi.

\\ \\ Tavis tvinis simsi vnis dros, ris gamo Tavis qal as perkusia aZl ierebs Tavis tkivil s?

\\ \\ I iqvorocirkul aci is moSl a;

\\ \\ intrakraniul i sisxl is mimoqcevis darRveva;

\\ \\ garsebisa da kraniul i nervebis disl okacia;

\\ \\ venuri ukudinebis darRveva.

\\ \\ CamoTvl il Tagan, ra saxis hal ucinaciebi vl indeba safeTql is wil is konveqsi tal uri l okal izaci is simsi vnis dros?

\\ \\ mxedvel obi Ti;

\\ \\ smeni Ti;

\\ \\ ynosvi Ti;

\\ \\ gemovnebi Ti.

\\ \\ CamoTvl il Tagan, ra saxis hal ucinaciebi vl indeba safeTql is wil is bazal uri l ol al izaciis simsvnis dros?  
\\ \\ mxedvel obiTi;  
\\ \\ smeniTi;  
\\ \\ ynosviTi.

\\ \\ CamoTvl il Tagan, otonevrol ogiuri gamokvl eviT ar xerxdeba simsvnis romel i l okal izaciis diagnostika?  
\\ \\ varol is xidis;  
\\ \\ mogrZo tvinis;  
\\ \\ naTxem-xidis kuTxis;  
\\ \\ VIII kraniul i nervis;  
\\ \\ hipofizis.

\\ \\ CamoTvl il Tagan, ra axasiaTebis foster-kenedis sindroms?  
\\ \\ simsvnis mxareze diskis atrofia da Segubeba;  
\\ \\ diskis atrofia da Segubeba (bil ateral urad);  
\\ \\ simsvnis mxareze diskis atrofia;  
\\ \\ simsvnis mxareze diskis Segubeba.

\\ \\ CamoTvl il Tagan, simsvnis romel i l okal izaciis as aRiniSneba foster-kenedis sindromi?  
\\ \\ ol faqtoriul fosoSi;  
\\ \\ parasel arul midamoSi;  
\\ \\ ZiriTadi Zvl is mcire frTebis midamoSi;  
\\ \\ Turqul i kexis borcvebis midamoSi.

\\ \\ CamoTvl il Tagan, romel i procesiT aris ganpirobetul i Tavis tkivil is dros Rebineba, bradikardia da Tavbrusxveva?  
\\ \\ mxol od qal aSida hipertenzi iT;  
\\ \\ qal aSida hipertenzi iT;  
\\ \\ mxol d tvinis Reros birTvebis kerovani dazianebi T;  
\\ \\ tvinis Reros struqturabis cdomi T;  
\\ \\ tvinis Reros birTvebis dazianebi T.

\\ \\ CamoTvl il Tagan, qal a\_tvini travmis dros, rodesac aRiniSneba meningeal uri sinromi, romel i proceduris Catareba aris aucil ebel i?  
\\ \\ el eqtroencefal ografia;  
\\ \\ sixis bioqimiuri gamokvl eva;  
\\ \\ Tval is fskeris gamokvl eva;  
\\ \\ l umbal uri punqcia;  
\\ \\ qal a-fuZis rentgenografia.

\\ \\ CamoTvl il Tagan, romel i kriteriumiT ganisazRvrebav nevrologiuri simptomatikis xasiaTi Tavis tvinis daJeJil obis dros?  
\\ \\ asaki T;  
\\ \\ mkurnal obi T;  
\\ \\ keris l okal izaci T;  
\\ \\ travmis meqanzmi T;  
\\ \\ premorbidul i foni T.

\\ \\ CamoTvl il Tagan, qal a-tvinis travmis dros romel i aris tvinis kompresiis ZiriTadi mizezi?

\\ hipertenziul -hidrocefal uri sindromi;

\\ subaraqnoidul i sisxl Caqceva;

\\ subdurul i sisxl Caqceva;

\\ parkuWSida sisxl Caqceva.

\\ \\ CamoTvl il Tagan, epidurul i hematomis dros, ra ar miektvneba tvinis kompresiis sawyis gamovl inebas?

\\ taqikardia;

\\ bradikardia;

\\ cnobierebis dabindeva;

\\ mzardi Tavis tkivil i;

\\ anizokoria.

\\ \\ CamoTvl il Tagan, romel i paTol ogiisTvis aris damaxasiaTebel i "naTel i" periodi?

\\ Tavis tvinis daJeJil obisTvis;

\\ parkuWSida sisxl CaqcevisTvis;

\\ parenqimatozul i sisxl CaqcevisTvis;

\\ subaraqnoidul i sisxl CaqcevisTvis;

\\ epidurul i sisxl CaqcevisTvis.

\\ \\ CamoTvl il Tagan, Tav-zurg-tvinis siTxeSi ra SemTxvevaSi ar aRiniSneba sisxl i?

\\ supratentorul i l okal izaciis hematomis dros;

\\ subaraqnoidul i sisxl Caqcevis dros;

\\ epidurul i hematomis dros.

\\ \\ ra SemTxvevaSi yal ibdeba epidurul i hematoma?

\\ qal asarqvel is Zvl ebis motexil obis dros;

\\ qal as fuZis moteil obis dros;

\\ xazovani motexil obis dros;

\\ safeTql is Zvl is motexil obis dros.

\\ \\ CamoTvl il Tagan, riT xasiaTdeba epidurul i hematomisagan gansxvavebiT, subdurul i hematoma?

\\ didi ganfenil obiT;

\\ ar iZl eva kompresiul sindroms;

\\ mimdinareobs "naTel i" periodis gareSe.

\\ \\ CamoTvl il Tagan, subdurul i hematomis dros ra axasiaTebis "naTel i" periods?

\\ ar aRiniSneba;

\\ aris mxol od Cvil bavSvebSi;

\\ xasiaTdeba meti xangrZl ivobiT, vidre epidurul i hematomis dros.

\\ \\ CamoTvl il Tagan, rogor viTardeba travmul i subaraqnoidul i sisxl Caqcevis kl inikuri gamol ineba?

\\ qvemwvaved;

\\ "naTel i" periodis Semdeg;

\\ tal Risebrad;  
\\ mwvaved;  
\\ asimptomurad.

\\ \\ CamoTvl il Tagan, simZimis mixedviT, rogor xasiaTdeba qal as fuZis motexil oba?  
\\ msubuqi;  
\\ saSual o;  
\\ yovel Tvis mZime.

\\ \\ CamoTvl il Tagan, qal as fuZis motexil obis dros, ra viTardeba yvel aze xSirad?  
\\ epidurul i hematoma;  
\\ subaraqnoidul i sisxl Caqceva;  
\\ hemiparezi;  
\\ I iqvorea.

nei roinfecqcebi

\\ \\ CamoTvl il Tagan, ra iwvevs mwvave nekrozul encefal its?  
\\ koksakis virusi;  
\\ martivi herpesis virusi;  
\\ wiTel as virusi;  
\\ ybayuras virusi.

\\ \\ CamoTvl il Tagan, mZimed mimdinare romel meningits axasiaTebis uoterhaus\_frideriqsonis sindromis ganviTareba?  
\\ stafil okokur meningits;  
\\ pnevmokokur meningits;  
\\ koksakis virusiT gamowveul meningits;  
\\ meningokokur meningits;  
\\ I imfocitur qoriomeningits.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis mwvave tkipismier ecefal its?  
\\ daavadeba Semodgoma-zamTris periodSi;  
\\ meningoencefal itis sindromi;  
\\ intrakraniul i hipertenzia;  
\\ mxris sartyl is kunTebis dune dambli a;  
\\ cxel eba daavadebis dasawyisSi.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis herpesul encefal its?  
\\ zogadtvinovani simptomatika;  
\\ intrakraniul i hipertenzia;  
\\ gul yrebi;  
\\ dambli ebi;  
\\ hemiataqsia.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba virusul i encefal itis dros, I iqvorSi?  
\\ I imfocituri pl eocitozi;

\\ cil is raodenobis momateba;  
\\ gl ukozis raodenobis momateba;  
\\ cil ovan-uj redul i disociacia.

\\ \\ CamoTvl il Tagan, romel preparats ar iyeneben virusul i encefal itebis mkurnal obis dros?

\\ oqsol ins;  
\\ acikl ovirs;  
\\ adenozin\_arabinozids;  
\\ val treqss.

\\ \\ CamoTvl il Tagan, romel garemoebas eniWeba gadamwyveti mniSvnel oba meningitebis diagnostikaSi?

\\ daavadebis mwvave dasawyisi maRal i temperaturiT;  
\\ daavadebis mwvave dasawyisi meningeal uri sindromiT;  
\\ cvl il ebebi I iqvorSi;  
\\ infeqciur-toqsikuri Sokis ganviTareba;  
\\ Segubebis niSnebi Tval is fskerze.

\\ \\ CamoTvl il Tagan, romel i infeqciuri agenti iwevs serozul meningits?

\\ pfeiferis hemofil uri Cxiri;  
\\ pnevmokoki;  
\\ tuberkul ozis mikobaqteria;  
\\ stafil okoki.

\\ \\ CamoTvl il Tagan, ra axasiaTebis armstrongis mwvave I imfocituri qoriomeningitis kl inikur suraTs?

\\ maRal i cxel eba;  
\\ meningeal uri sindromi;  
\\ hipertenziul i sindromi;  
\\ cnobierebis darRveva;  
\\ fotofobia.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis koksakis da ECHO virusebi T gamowveul meningitebs?

\\ mwvave dasawyisi cxel ebiT;  
\\ pol imial gia;  
\\ garsovan\_hipertenziul i sindromi;  
\\ I imfocituri pl eocitozi.

\\ \\ CamoTvl il Tagan, romel i saxis meningits axasiaTebis I iqvorSi Saqris raodenobis mniSvnel ovani daqveiTeba (0.1 g/l -mde)?

\\ [\\_pnevmokokurs;](#)  
\\ [ybayurasmiers;](#)  
\\ [tuberkul ozurs;](#)  
\\ [sifilisurs;](#)  
\\ postgripozul s.

\\ \\ CamoTvl il Tagan, romel i preparati gamoiyeneba daudgenel i genezis baqteriul i Cirgovani meningitis samkurnal od?

- \\ cefal eqsini (ceporeqsi);
- \\ kl indamicini (dal acini);
- \\ eriTromicini (eritrani);
- \\ cefotaqsimi (kl aforani).

\\ \\ CamoTvl il Tagan, romel i saxis koki ar warmoadgens Cirqovani meningitis ganviTarebis mizezs?

- [\\ stafil okoki;](#)
- [\\ meningokoki;](#)
- [\\ pnevmokoki;](#)
- \\ streptokoki.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis mwvave I imfocitur qoriomeningits?

- \\ maRal i cxel eba;
- \\ intrakraniul i hipertenzia;
- \\ uj redul \_cil ovani dissociacia;
- \\ I iqvorSi gl ukozis raodenobis daqvei Teba.

\\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i mwvave pirvel adi gafantul i encefal omiel itis kl inikuri suraTisaTvis?

- \\ qveda spastiuri parapl egia;
- \\ bul buri darRvevebi;
- \\ eqstrapiramidul i drRvevebi;
- \\ broun-sekaris sindromi.

\\ \\ CamoTvl il Tagan, romel i infeqsiuri agenti aris meningitis garTul ebis \_ tvinis abscesis formirebis mizezi?

- \\ pnevmokoki;
- \\ stafil okoki;
- \\ pfeiferis Cxiri;
- \\ meningokoki;
- \\ streptokoki.

\\ \\ CamoTvl il Tagan, romel i infeqsiuri agenti aris meningitis maRal i kontagiozurobis mizezi?

- \\ I urj i daCirqebis Cxiri;
- \\ stafil okoki;
- \\ martivi herpes virusi;
- \\ koksakis da eqos virusebi.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis mwvave kerovan miel its (gul mkerdis qveda segmentebi)?

- \\ qveda parapl egia;
- \\ gamtarebl obiTi tipis mgrZnobel obis moSI a;
- \\ menjis organoebis funqciis moSI a;
- \\ subaraqnoidul i sivrcis bl oki.

\\ \\ CamoTvl il Tagan, romel i paTol ogiis dros, Tval is fskerze ar vl indeba mxedvel obis nervis atrofia?

- \\ Tavis tvinis simsi vne;



- \\ cerebrul i iSemiuri insul ti;
- \\ intrabul buri nevrity;
- \\ tvinis cisticerkozi.

\\ \\ CamoTvl il Tagan, riT aris ganpirobetul i mxedvel obis simaxvil is daqveiTeBa mwwave gafantul i encefal omiel itis dros?

- \\ baduras dazianebyT;
- \\ mxedvel obis nervis dazianebyT;
- \\ pirvel adi mxedvel obis centreby dazianebyT;
- \\ graciol es konis dazianebyT;
- \\ mxedvel obis anal izatoris qerqul i nawil is dazianebyT.

\\ \\ CamoTvl il Tagan, riT ganisazRvreba pol i omiel itis Sedegad ganviTarebul i rezidual uri motorul i darRveveby Tavisebureba?

- \\ kidureby kunTeby simetriul i dazianebyT;
- \\ kidureby zrdis SeferxebyT;
- \\ koordinaciis moSl iT;
- \\ statikis moSl iT.

\\ \\ mwwave pol i omiel itis araparal izuri formis diagnozis dazustebis mizniT CamoTvl il Tagan, romel paTol ogiasTan unda gatardes diferencial uri diagnozi?

- \\ virusul i serozul i meningiti;
- \\ baqteriul i serozul i meningiti;
- \\ giien-bares mwwave pol iradikul oneiropaTia;
- \\ tkipismieri encefal iti.

\\ \\ CamoTvl il Tagan, ris safuZvel ze aris SesaZl ebel i l iqvurul gzebSi abscesis garRveby diagnostireba?

- \\ sxedul is maRal i temperatura;
- \\ meningeal uri sindromi;
- \\ mRvrie l iqvori;
- \\ toqsikuri Soki.

\\ \\ CamoTvl il Tagan, romel i aris tvinis abscesis mkurnal obis efeqturi meTodi?

- \\ qirurgiul i mkurnal oba;
- \\ dioqsidiniT abscesis Rrus gamorecxva;
- \\ antibiotikebyT abscesis Rrus gamorecxva.

\\ \\ CamoTvl il Tagan, tuberkul ozuri meningitis dros, ra aRiniSneba l iqvoris dawdobis Semdeg?

- \\ opal escencia;
- \\ qsantoqromia;
- \\ fibrinis apki;
- \\ nal eqis warmoqmna.

\\ \\ CamoTvl il Tagan, riT aris ganpirobetul i difteriul i pol ineirpaTiis dros, siarul is darRveva?

- \\ qveda spastiuri paraparezyT;
- \\ naTxemisebri ataqsiiT;

\\ eqstrapiramidul i rigidobiT;  
\\ zurgis tvinis ukana svetebis dazianebiT.

\\ \\ CamoTvl il Tagan, difteriis general izebul i toqsiuri formis dros, pol iradikul oneiropaTiis profil aqtikis mizniT ra doziT SeyavT antidifteriul i Srati?

\\ 50 000 - 70 000 erT;  
\\ 70 000 - 100 000 erT;  
\\ 100 000 - 120 000 erT;  
\\ 120 000 - 150 000 erT.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis nevrologiur darRvevebs botul izmis dros?

\\ akomodaciis parezi;  
\\ Tval is mamozravebel i kunTebis parezi;  
\\ yl apvis gaZnel eba;  
\\ hipersalivacia;  
\\ miasTeniis msgavsi reaqciebi.

\\ \\ CamoTvl il Tagan, riT ganisazRvrebadiifteriul i pol ineiropaTiebis I etal obis maRal i riski?

\\ infeqciur-toqsikuri SokiT;  
\\ kaudaluri jgufis kraniul i nervebis dazianebiT;  
\\ diafragmis dazianebiT;  
\\ miokardis dazianebiT.

\\ \\ CamoTvl il Tagan, romel i aris tetanusis dros, kunTTa general izebul i mtkivneul i spazmebisa da gul yrebis kupirebis pirvel i rigis preparati?

\\ ql oral hidrati;  
\\ natriumis Tiopental i;  
\\ fenobarbital i;  
\\ diazepami.

\\ \\ CamoTvl il Tagan, ras eniWebamniSvnel oba cerebrul i cisticerkozis diagnostirebisas?

\\ kt-iT aRmoCeni i kistebi tvinis qsovil Si;  
\\ intrakraniul i hipertenziis sindromi;  
\\ mxedvel obis nervebis atrofia;  
\\ zizRi cximiani da tkbil i sakvebis mimaRT.

\\ \\ CamoTvl il Tagan, romel i saxis pleocitozi axasiaTebis cerebrul cisticerkozs?

\\ neutrofiluri;  
\\ neutrofilur\_1 imfocituri;  
\\ 1 imfocitur-bazofiluri;  
\\ 1 imfocituri;  
\\ 1 imfocitur-monocituri.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis cofis sawinaaRmdego vaqcinaciis Sedegad ganvitarabul meningoencefalits?

- \\ mwvave dasawyisi maRal i temperaturiT;
- \\ Tval is mamozraveel i kunTebis dambl a;
- \\ spastiuri dambl ebi;
- \\ qoreoaTetozi;
- \\ gul yrebi.

- \\ \\ CamoTvl il Tagan, ra axasiaTebis smenis nervis sifil isur dazianebas?
- \\ Zvl iT gamtarebl obis daqveiTeBa da haeriT gamtarebl obis SenarCuneba;
- \\ haeriT gamtarebl obis daqveiTeBa da Zvl iT gamtarebl obis SenarCuneba;
- \\ Zvl iT da haeriT gamtarebl obis daqveiTeBa.

- \\ \\ CamoTvl il Tagan, ra Aar aRiniSneba neirosifil isis gvian stadiaSi?
- \\ tvinis gumebi;
- \\ zurgis tvinis xmoba (tabes dorsalis);
- \\ meningovaskul iti;
- \\ spinuri segmenturi tipis mgrZnobel obis moSl a.

- \\ \\ CamoTvl il Tagan, zurgis tvinis tabesis dros, riT aris ganpirobetul i statikisa da siarul is moSl a?
- \\ qveda kidurebis dune dambl iT;
- \\ cerebel uri ataqsi iT;
- \\ senzitiuri ataqsi iT;
- \\ mxedvel obis nervebis atrofiiT;
- \\ arTropaTiiT.

- \\ \\ CamoTvl il Tagan, ra axasiaTebis tabesur krizebs?
- \\ taqikardiis paroqsizmebi;
- \\ arteriul i wnevis meryeoba;
- \\ Zl ieri tkivil is paroqsizmebi;
- \\ profuzul i xasiaTis ofl ianoba.

- \\ \\ CamoTvl il Tagan, ra ar axasiaTebis optikoqiazmur araqnoidi ts?
- \\ mxedvel obis simaxvil is daqveiTeBa;
- \\ amavrozi;
- \\ mxedvel obis vel is koncentriul i Seviwroeba;
- \\ mxedvel obis nervebis diskis SeSupeba.

- \\ \\ CamoTvl il Tagan, romel i paTol ogia ar saWiroebs diferencial uri diagnozis gatarebas optikoqiazmur araqnoidi tTan?
- \\ il sis daavadeba;
- \\ retrobul buri nevrity;
- \\ optikomi el iti;
- \\ gafantul i skl erozi.

- \\ \\ CamoTvl il Tagan, romel i paTol ogiiT SeiZl eba garTul des mwvave Cirqovani epiduriti?
- \\ Sinagi organoebis abscesiT;
- \\ osteomi el itiT;
- \\ subaraqnoidul i sisxl CaqceviT;
- \\ qsovil ebi fl egmoniT.

\\ \\ CamoTvl il Tagan, mwvave epiduritis dros, riT aris ganpirobebul i nevrologiuri simptomebis paTogenezi?  
\\ paTol ogiuri keris anTebiT-toqsiuri zegavl eniT;  
\\ \\ zurgis tvinis ukana svetebis demiel inizaciiT;  
\\ \\ garsebSi sisxl is mimoqcevis moSl iT;  
\\ \\ zurgis tvinis ukana fesvebis dazianebiT.

\\ \\ CamoTvl il Tagan, romel antibiotiks gaaCnia hematoencefal uri barrieris gavl is yvel aze maRal i unari?  
\\ \\ ceftriaqsons;  
\\ \\ kl indamicins;  
\\ \\ rifampicins;  
\\ \\ cefal otins.

\\ \\ CamoTvl il Tagan, romel kvl evis meTods ar iyeneben Cirqovani epiduritis dros (gul mkerdis segmentebis doneze) anTebiTi procesis gavrcel ebis dasadgenad?  
\\ \\ subaraignoidul i sivrcis revizia;  
\\ \\ l umbal uri punqcia;  
\\ \\ daRmaval i miel ografia;  
\\ \\ rentgenul i kompiuterul i tomografia;  
\\ \\ magnitur\_rezonansul i tomografia.

\\ \\ CamoTvl il Tagan, romel i tvinis romel i garsebi ziandeba Cirqovani da serozul i meningitebis dros?  
\\ \\ magari da rbil i;  
\\ \\ rbil i da qsel isebri;  
\\ \\ mxol od qsel isebri;  
\\ \\ magari da qsel isebri.

\\ \\ CamoTvl il Tagan, meoradi meningitebis dros, romel i ar warmoadgens gamomwvevi agentis tvinis garsebSi SeRwevis gzas?  
\\ \\ hematogenuri;  
\\ \\ haerovani;  
\\ \\ kontakhuri;  
\\ \\ segmentur\_vaskul uri.

\\ \\ CamoTvl il Tagan, romel i warmoadgens Cirqovani meningitis wamyvan paTogenezur meqanizms?  
\\ \\ hipertenziul i sindromi;  
\\ \\ al ergiul i sindromi;  
\\ \\ septiuri sindromi;  
\\ \\ infeqciur\_toqsiuri sindromi.

\\ \\ CamoTvl il Tagan, Cirqovani meningitis dros ra SemTxvevaSi aRiniSneba SexorcebiTi procesis ganviTareba?  
\\ \\ pnevmokokuri etiologiis meningitis dros;  
\\ \\ gvian dawyebul i mkurnal obis dros;  
\\ \\ procesis bazal uri l okal izacii sas;  
\\ \\ infeqciis kontakhuri gziT gavrcel ebis SemTxvevaSi.

\\ \\ CamoTvl il Tagan, Cirqovani meningitis dros romel i aris yvel aze xSiri simptomi?

- \\ \\ kernigis niSani;
- \\ \\ kefis kunTebis rigidoba;
- \\ \\ bruZinski qveda niSani;
- \\ \\ bruZinski zeda niSani.

\\ \\ CamoTvl il Tagan, romel asakSi, meningitis dros, vl indeba l esaJis "daki debis" simptomi?

- \\ \\ nebi smier asakSi;
- \\ \\ adreul da saskol o asakSi;
- \\ \\ skol amdel da adreul saskol o asakSi;
- \\ \\ mxol od Cvil obis asakSi.

\\ \\ CamoTvl il Tagan, Cirqovani meningitis dros, romel i paTol ogiuri procesi ganapirobebs kerovani simptomatikis swraf ganviTarebas da Semdeg aseve swrafad regress?

- \\ \\ parenqimul i sisxl Caqceva;
- \\ \\ encefal iti;
- \\ \\ tranzitorul i l iqvorodinamiuri moSl il obebi;
- \\ \\ kerovani demiel inizacia.

\\ \\ CamoTvl il Tagan, Cirqovani meningitis dros, romel i sindromis gamovl inebas warmoadgens kanis safarvel is sifermkrtal e, cianozi, qoSini, taqikardia, gul is tonebis moyrueba da arteriul i hipotonia?

- \\ \\ hipoTal amuri;
- \\ \\ septiuri;
- \\ \\ Reros;
- \\ \\ toqsiuri;
- \\ \\ hipertenzul i.

\\ \\ CamoTvl il Tagan, Cirqovani meningitis dros, romel garemoebaze miuTitebs l eikocitebis normal uri raodenoba an l eikopenia?

- \\ \\ msubuq mimdinareobaze;
- \\ \\ meningokokur etiologiaze;
- \\ \\ reaqtul obis daqveitebaze;
- \\ \\ meningitis pirvel ad xasiaTze.

\\ \\ CamoTvl il Tagan, Cirqovani meningitis dros, romel i maCvenebel i Seesabameba cil is Semcvel obas l iqvorSi?

- \\ \\ mkveTrad momatebul ia (2 g/l );
- \\ \\ daqveitebul ia (0.1 g/l -ze nakl ebi);
- \\ \\ normis fargl ebSia;
- \\ \\ momatebul ia (0.66 – 1.0 g/l pirvel i 2-3 dRe).

\\ \\ CamoTvl il Tagan, romel i warmoadgens meningokokuri infeqciis wyaros?

- \\ \\ mxol od avadmyofi;
- \\ \\ dabinZurebul i sakvebi produqtebi;
- \\ \\ avadmyofi da infeqciis matarebel i;

\\ mRrRnel ebi.

\\ \\ CamoTvl il Tagan, upiratesad romel i gamonayari aRiniSneba meningokokcemiis dros?

\\ papul ozuri;

\\ pustul ozuri;

\\ herpesul i;

\\ hemoragiul i;

\\ rozeol uri.

\\ \\ CamoTvl il Tagan, romel i fl ora aris infeqciur\_toqsiuri Sokis ganviTarebis xSiri mizezi?

\\ gramdadebiTi;

\\ gramuaryofiTi;

\\ kokuri;

\\ bacil uri;

\\ sokovani.

\\ \\ CamoTvl il Tagan, meningokokcemiis dros, ra ar miekuTvneba sicocxl isaTvis saSiS garTul ebas?

\\ infeqciur-toqsiuri Soki;

\\ Tavis tvinis SeSupeba;

\\ qal aSida hipertenzia;

\\ mwvave hipokortici zmi;

\\ anuria.

\\ \\ CamoTvl il Tagan, romel asakSi avaddebian pnevmokokuri meningitiT?

\\ axal Sobil obis;

\\ Cvil obis;

\\ mozrdil obis;

\\ skol amdel i;

\\ skol is.

\\ \\ CamoTvl il Tagan, pnevmokokuri meningitis dros, rod is da rogor ziandeba Tavis tvini?

\\ iSviaTad;

\\ ar ziandeba;

\\ xSirad;

\\ \\ rogor mimdinareobs pnevmokokuri etiolo giis meoradi Cirqovani meningiti?

\\ pirvel adze ufro mZimed;

\\ pirvel adze ufro msubuqad;

\\ mZimed mimdinareobs saskol o asakis bavSvebSi.

\\ \\ CamoTvl il Tagan, ra aRiniSneba infeqciur\_toqsiuri Sokis sawyis periodSi meningokokcemiis dros?

\\ II-III xarisxis koma;

\\ sunTqvis mwvave ukmarisoba;

\\ hiperkoagulacia;

\\ sisxl dena kuW-nawl avis traqtidan.

\\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i infeqciur\_toqsiuri SokisaTvis meningokokcemiis dros?

\\ \\ hemoragiul i gamonayaris gaZl iereba;

\\ \\ arteriul i wnevis daqveiTeba;

\\ \\ cianozis gaZl iereba;

\\ \\ kerovani nevrologiuri simptomatikis gamoCena;

\\ \\ komis gaRrmaveba.

\\ \\ CamoTvl il Tagan, ra warmoadgens stafil okokuri meningitis Taviseburebas?

\\ \\ meningeal uri sindromis ganviTareba;

\\ \\ abscesis ganviTarebisadmi midrekiI eba;

\\ \\ Ria hidrocefal iis ganviTareba;

\\ \\ tal Riseburi mimdinareoba.

\\ \\ \\ CamoTvl il Tagan, Cirqovani meningitis dros, ris safuZvel ze xdeba antibiotikis SerCeva?

\\ \\ mxol od daavadebis etiol ogiiT;

\\ \\ daavadebis etiol ogiiTa da hematoencefal ur barierSi misi ganmavl obiT;

\\ \\ mxol od hematoencefal uri barieris ganmavl obiT;

\\ \\ diagnostikis vadiT.

\\ \\ \\ CamoTvl il Tagan, meningokokuri meningitis dros, romel i preparatebiT umj obesia warimartos mkurnal oba?

\\ \\ penicil iniTa da I evomicetinis suqcinatiT;

\\ \\ penicil iniT an ampicil iniT;

\\ \\ penicil iniTa da gentamiciniT;

\\ \\ penicil iniTa da ampicil iniT.

\\ \\ \\ CamoTvl il Tagan, axal Sobil ebSi da sicocxl is pirvel TveebSi, Cirqovani meningitis dros, romel i preparatiT mizanSewoniI ia daiwyos mkurnal oba?

\\ \\ mxol od penicil iniT;

\\ \\ mxol od cefal osporiniT;

\\ \\ ampicil iniTa da kl aforaniT;

\\ \\ ampicil iniTa da gentamiciniT.

\\ \\ \\ CamoTvl il Tagan, Cirqovani meningitis SemTxvevaSi, drois romel monakveTSi, unda Seicval os antibiotiki – Tu adgil i ar aqvs I iqvorol ogiur da kl inikur efeqts?

\\ \\ 1-2 dReSi;

\\ \\ 3-5 dReSi;

\\ \\ 5-7 dReSi;

\\ \\ 8-10 dReSi;

\\ \\ 10 dRis Semdeg.

\\ \\ \\ CamoTvl il Tagan, Cirqovani meningitis mkurnal obisas ra SemTxvevaSi ixsneba antibiotiki?

\\ \\ I iqvoris sani rebisas;

- \\ temperaturis normal izaciisas;
- \\ meningeal uri sindromis ukuganviTarebissas;
- \\ sisxl is maCvenebl ebis normal izaciisas.

\\ \\ CamoTvl il Tagan, romel dRes unda gakeTdes sakontrol o punqcia meningokokuri meningitis mkurnal obis efeqturobis dasadgenaT?

- \\ me-3 dRes;
- \\ me-5 dRes;
- \\ me-7 dRes;
- \\ me-10 dRes;
- 5. me-14 dRes.

\\ \\ CamoTvl il Tagan, romel dRes unda gakeTdes sakontrol o punqcia aramingokokuri Cirqovani meningitis mkurnal obis efeqturobis dasadgenaT?

- \\ me-3 dRes;
- \\ me-5 dRes;
- \\ me-7 dRes;
- \\ me-10 dRes;
- 5. me-14 dRes.

\\ \\ CamoTvl il Tagan, romel i paTol ogia waagavs tuberkul ozur meningitis liqvorSi aRmoCenil i cvl il ebebis gamo?

- \\ sokosmieri meningiti;
- \\ virusul i meningiti;
- \\ subaraqnoidul i sisxl Caqceva;
- \\ [cisticerkozi](#);
- \\ tvinis abscesi.

\\ \\ CamoTvl il Tagan, infeqciur\_toqsikuri Sokis dros ra SeyavT intravenurad?

- \\ natriumis bikarbonati;
- \\ gl ukozis 20%-ni xsnari;
- \\ reopol igl ukini;
- \\ eritrocituri masa.

\\ \\ CamoTvl il Tagan, ra ar miekuTvneba Cirqovani meningitis garTul ebas?

- \\ higroma;
- \\ endimatiiti;
- \\ hidrocefal ia;
- \\ bul buri sindromi;
- \\ epigantvirTvebi.

\\ \\ CamoTvl il Tagan, romel i warmonaqmni ar monawil eobs Tavis tvinis abscessis kafsul is formirebaSi?

- \\ mikrogli ia;
- \\ SemaerTebel i qsovil i;
- \\ gl iuri uj redebi;
- \\ neironebi.



\\ \\ CamoTvl il Tagan, romel sisxl ZarRvovan auzSi viTardeba metastazuri abscesebi?  
\\ tvinis wina arteria;  
\\ tvinis Sua arteria;  
\\ tvinis ukana arteria;  
\\ xerxemi is arteria.

\\ \\ CamoTvl il Tagan, romel i procesi aRiniSneba Tavis tvinis abscesis I atentur stadiaSi?  
\\ xdeba abscesis kafsul is formireba;  
\\ wydeba Cirqovani anTeba;  
\\ daavadebis gamomwvevi agenti iRupeba;  
\\ normal izdeba I iqvoris sekrecia.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis tvinis abscesis terminal ur stadias?  
\\ afazia;  
\\ Reros dislokacia;  
\\ Reros kompresia;  
\\ decerebraciuli rigidoba;  
\\ koma.

\\ \\ CamoTvl il Tagan, tvinis abscesis dros, romel i aris benzil penicilin is optimal uri doza?  
\\ 300 000 erT/kg;  
\\ 500 000 erT/kg;  
\\ 1 000 000 erT/kg;  
\\ > 1 000 000 erT/kg.

\\ \\ CamoTvl il Tagan, procesis romel i I okal izacia damaxasiaTebel ia tvinis abscesisTvis?  
\\ mqrTali burTi;  
\\ mxedveli obis borcvi;  
\\ kudiani birTvis Tavi;  
\\ tvinis ruxi da TeTri nivTierebis sazRvrebi;  
\\ hipotalamusi.

\\ \\ CamoTvl il Tagan, rod is ar viTardeba meoradi serozuli meningiti?  
\\ tuberkulozis dros;  
\\ brucelozis dros;  
\\ stafilokokuri sefsebis dros;  
\\ muclis tifis dros;  
\\ sifilis dros.

\\ \\ CamoTvl il Tagan, ra aRiniSneba kanze borel iozis gadamcemi tkipis nakmenis Semdeg?  
\\ eqsfoliatiuri dermatiti;  
\\ hemoragiuli gamonayari;  
\\ I okal uri Sesupeba;  
\\ qronikuli eritema;  
\\ buStukovani gamonayari.

\\ \\ CamoTvl il Tagan, serozul i meningitis dros, rasTan korel irebs meningeal uri sindromis gamoxatul eba?

\\ \\ maRal temperaturasTan;

\\ \\ I iqvorSi anTebiTi cvl il ebebis gamoxatul ebasTan;

\\ \\ qal aSida hipertenziasTan;

\\ \\ intoqsikaciasTan;

\\ \\ avadmyofis asakTan.

\\ \\ CamoTvl il Tagan, serozul i meningitis dros, mwol iare mdgomareobaSi, ras Seadgens I iqvoris wneva?

\\ \\ < 100 mm wyl . sv.;

\\ \\ 200 mm wyl . sv.;

\\ \\ > 250 mm wyl . sv.;

\\ \\ > 500 mm wyl . sv.

\\ \\ \\ CamoTvl il Tagan, ra Seferil obis aris I iqvori virusul i serozul i meningitis dros?

\\ \\ opal iscirebul i;

\\ \\ gamWvirval e;

\\ \\ mRvrie;

\\ \\ qsantogromul i.

\\ \\ \\ CamoTvl il Tagan, epidemiuri parotitis dros, ra sixSiriT viTardeba parotitul i meningiti?

\\ \\ 50%;

\\ \\ 30%;

\\ \\ 20%;

\\ \\ 10%.

\\ \\ \\ CamoTvl il Tagan, parotitul i infeqciebis dros, ufro xSirad romel i kraniul i nervi ziandeba? \\ \\ mxedvel obis;

\\ \\ Tval is mamozravebel i;

\\ \\ saxis;

\\ \\ smenis;

\\ \\ enisqveSa.

\\ \\ \\ CamoTvl il Tagan, wel iwadis romel periodSi gv xvdeba enterovirusul i serozul i meningiti?

\\ \\ zamTarsa da gazafxul ze;

\\ \\ gazafxul sa da zafxul Si;

\\ \\ zafxul Si da Semodgomaze;

\\ \\ Semodgomasa da zamTarSi.

\\ \\ \\ CamoTvl il Tagan, enterovirusul i etiol ogiis encefal itebis romel i forma gv xvdeba ufro xSirad bavSvTa asakSi?

\\ \\ qerqul i;

\\ \\ qerqqveSa;

\\ \\ Reros.

\\ CamoTvl il Tagan, I imfocituri qoriomeningitis dros ra aris inficirebis wyaro?

\\ avadmyofi;

\\ koRo;

\\ tkipi;

\\ Sinauri cxovel ebi;

\\ mRrnel ebi.

\\ CamoTvl il Tagan, tuberkul ozuri meningitis dros, romel procesze miuTitebs Tval is fskerze mxedvel obis nervis SeSupeba?

\\ mxedvel obis nervis nevitze;

\\ optiko-qiazmur araqnoiditze;

\\ okl uziuri hidrocefal iis ganviTarebaze;

\\ konveqsital ur araqnoiditze.

\\ CamoTvl il Tagan, ra viTardeba tuberkul ozuri meningitis gvian dawyebul i mkurnal obisas?

\\ subdurul i gamonaJoni;

\\ epiduriti;

\\ tvinis garsebis fibrozi;

\\ tvinis difuzuri skl erozi;

\\ porencefal ia.

\\ CamoTvl il Tagan, serozul i meningitis dros, ra vadiT ini Sneba dehidratacia?

\\ I iqvoris sanaciamde;

\\ meningeal uri sindromis ukuganviTarebamde;

\\ temperaturis normal izaciamde.

\\ CamoTvl il Tagan, romel i garsis dazianeba axasiaTebis araqnoidits?

\\ magari;

\\ qsel isebris;

\\ rbil is.

\\ CamoTvl il Tagan, I okal izaciis mixedviT, cerebrul i araqnoiditis forma ar gvxdება?

\\ konveqsital uri;

\\ bazal uri;

\\ optiko-qiazmuri;

\\ ukana fosos;

\\ qerqqveSa.

\\ CamoTvl il Tagan, cerebrul i araqnoiditis dros, romel i meqanizmebis Sedegad vl indeba zogadtvinovani simptomatika?

\\ vegetatiur-sisxl ZarRvovani distonia;

\\ toqsiuri zemoqmedeba;

\\ I iqvorodinamiuri moSl il obebi;

\\ infeqciur\_al ergiul i zemoqmedeba.

\\ CamoTvl il Tagan, ra axasiaTebis konveqsital uri I okal izaciis araqnoiditebs?

\\ hemiparezi;  
\\ mxedvel obis vel is defeqti;  
\\ metyvel ebis moSI a;  
\\ fokal uri gul yrebi.

\\ \\ CamoTvl il Tagan, ra axasiaTebS cerebrul i araqnoiditis dros, epigul yrebs?  
\\ yovel Tvis kerovania;  
\\ SeiZl eba ganicados general izacia;  
\\ transformirdeba martiv absansSi.

\\ \\ CamoTvl il Tagan, riT gansxvavdeba ukana fosos mocul obiTi procesisgan, anal ogiuri l okal izaciis araqnoiditi?  
\\ gamoxatul i meningeal uri sindromiT;  
\\ zogadi infeqciuri moSI il obiT;  
\\ zogadtvinovani simptomatikis gamoxatul obis stabil izaciiT;  
\\ gamoxatul i intoqsikaciiT.

\\ \\ CamoTvl il Tagan, ra SeiZl eba gamovl indes optiko-qiazmuri araqnoiditis dros?  
\\ general izebul gul yrebi;  
\\ astazia;  
\\ meningeal uri niSnebi;  
\\ hipofizur-hipoTal amuri moSI il oba;  
\\ hiperkinezebi.

\\ \\ CamoTvl il Tagan, ra miekuTvneba spinuri araqnoiditis sawyis gamovl inebas?  
\\ fesvobrivi tkivil ebi;  
\\ central uri parezi;  
\\ menj is Rrus organoTa funqciis moSI a;  
\\ trofikul i moSI il obani.

\\ \\ CamoTvl il Tagan, pirvel adi encefal itebis dros, ras moicavs upiratesad paTol ogiuri procesi?  
\\ TeTr nivTierebas;  
\\ rux nivTierebas;  
\\ SigniTa kafsul as.

\\ \\ CamoTvl il Tagan, ra aRiniSneba l iqvorSi pirvel adi encefal itebis dros?  
\\ neitrofil uri pl eocitozi;  
\\ cil ovan-uj redul i disociacia;  
\\ qsantoqromia;  
\\ l imfocituri pl eocitozi.

\\ \\ CamoTvl il Tagan, wel iwadis romel i periodi axasiaTebS epidemiur encefal itis manifestacias?  
\\ zamTari-zafxul i;  
\\ gazafxul i-zafxul i;  
\\ zafxul i-Semodgoma;

\\ Semodgoma-zamTari.

\\ \\ CamoTvl il Tagan, ra axasiaTebS epidemiuri encefal itis mwvave periods?

\\ Tval is mamozravebel i nervis dazianeba;

\\ sl okini;

\\ hiperkinezebi;

\\ central uri dambl ebi;

\\ vestibul uri moSl il obebi.

\\ \\ CamoTvl il Tagan, epidemiuri encefal itis dros, riT aris ganpirobebul i Tval is kakl ebis moZraobis moSl a?

\\ Tval is mamozravebel i nervis fesvis dazianebiT;

\\ Tval is mamozravebel i nervis birTvis dazianebiT;

\\ ukana gaswrvivi konis dazianebiT.

\\ \\ CamoTvl il Tagan, romel i aris tkipismieri encefal itiT inficirebis gza?

\\ haer-wveTovani;

\\ al imenturi;

\\ kontakhuri;

\\ trasmitterul i.

\\ \\ CamoTvl il Tagan, tkipismieri encefal itis dros, sad vl indeba rbi i dambl ebi?

\\ mxol od xel ebSi;

\\ mxol od kisris kunTebSi;

\\ kisersa da xel ebSi;

\\ mxol od fexebSi;

\\ fexebsa da xel ebSi.

\\ \\ CamoTvl il Tagan, ra warmoadgens tvinis garsebis tuberkul ozuri dazianebis specifiur morfologitur niSans?

\\ gasqel eba;

\\ SexorcebiTi procesis ganvitariba;

\\ neitrofil ebiT infil tracia;

\\ mil iarul i granul ebis arseboba;

\\ I imfocitebiT infil tracia.

\\ \\ CamoTvl il Tagan, tkipismieri encefal itis diagnozis dasadgenat, ramdenjer unda gaizardos sisxl is SratSi antisxeul ebis titri?

\\ erTnaxevarjer;

\\ orjer;

\\ samjer;

\\ otXjer da metjer.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebS koJevnikovis epil efsias?

\\ mioklonuri hiperkinezi;

\\ I okal uri krunCxviti sindromi;

\\ hiperkinezis arseboba Ramis saatebSi;

\\ epil efsiuri xasiaTis formireba.

\\ \\ CamoTvl il Tagan, tvinis romel i struqturebi upiratesad ziandeba revmatizmis dros?

\\ \\ neironebi;

\\ \\ gl ia;

\\ \\ sisxl ZarRvebi;

\\ \\ garsebi;

\\ \\ parkuWebi.

\\ \\ CamoTvl il Tagan, tvinis romel i struqturebis dazianeba ar axasiaTebis mcire qoreas?

\\ \\ hemisferoebis qerqis;

\\ \\ strial uri sistemis;

\\ \\ pal iduri sistemis;

\\ \\ hipoTal amusis.

\\ \\ \\ revmokarditiT mimdinare revmatiul i encefal opaTiis dros, CamoTvl il Tagan, romel i preparetebis kombinacia gamoiyeneba samkurnal od?

\\ \\ sal icil atebi, antibiotikebi, vitaminebi, nootropebi;

\\ \\ sal icil atebi, sedaciuri saSual ebani, vitaminebi;

\\ \\ sal icil atebi, sedaciuri saSual ebani, vitaminebi, kokarboqsil aza;

\\ \\ steroidul i hormonebi, sal icil atebi, antibiotikebi, vitaminebi.

\\ \\ \\ CamoTvl il Tagan, romel i aris herpesis virusis wyaro?

\\ \\ mRrnel ebi;

\\ \\ msxvil i rqosani saqonel i;

\\ \\ adami ani;

\\ \\ mwerebi.

\\ \\ \\ CamoTvl il Tagan, ra ar axasiaTebis herpesul encefal its?

\\ \\ perivaskul uri infil tracia;

\\ \\ tvinis SeSupeba;

\\ \\ kerovani nekrozi.

\\ \\ \\ CamoTvl il Tagan, ra gamoiyeneba herpesul i encefal itis mwave periodSi?

\\ \\ nootropebi;

\\ \\ steroidebi;

\\ \\ antivirusul i preparetebi;

\\ \\ dehidrataciul i saSual ebebi.

\\ \\ \\ CamoTvl il Tagan, encefal itis Semdgom periodSi romel i moSI il oba ganicdis mTI ian aRdgenaS?

\\ \\ hemiparezi;

\\ \\ naTxemisebri ataqsia;

\\ \\ aTetozuri hiperkinezi;

\\ \\ demencia.

\\ \\ \\ CamoTvl il Tagan, encefal itis mimdinareobis romel monakveTSi vl indeba cerebrul i sindromebi?

- \\ daavadebis pirvel kviraSi;
- \\ \\ daavadebis meore kviraSi;
- \\ \\ \\ ori kvisis Semdeg.

\\ \\ \\ CamoTvl il Tagan, encefal itis SemTxvevaSi riT aris ganpirobetul i dekortikaciis ganviTareba?

- \\ tvinis SeSupebiT;
- \\ \\ Reros dazianebiT;
- \\ \\ \\ parenqimul i sixl CaqceviT;
- \\ \\ Tanmxl ebi hidrocefal iiT.

\\ \\ \\ CamoTvl il Tagan, pirvel adi encefal itis dros, ra warmoadgens hormonis daniSvnis Cvenebas?

- \\ \\ gamoxatul i gl iuri reaqlia;
- \\ \\ \\ hemoragia;
- \\ \\ \\ I iqvorodinamiuri moSl il oba;
- \\ \\ tvinis SeSupeba.

\\ \\ \\ CamoTvl il Tagan, wiTel asmieri encefal itis romel periods axasiaTebis zogadtvinovani moSl il obebi?

- \\ \\ prodromal urs;
- \\ \\ \\ mwwaves;
- \\ \\ \\ adreul aRdgeniT;
- \\ \\ \\ rezidual s.

\\ \\ \\ CamoTvl il Tagan, wiTel asmieri encefal itis dros, rogori ganviTareba axasiaTebis dambl ebS?

- \\ \\ \\ qvemwwave;
- \\ \\ \\ insul tismagvari;
- \\ \\ \\ TandaTanobiTi.

\\ \\ \\ CamoTvl il Tagan, romel i struqturabis dazianeba SeiZl eba ganviTardes antirabiul i acris Semdeg?

- \\ \\ \\ qerqqveSa kvanZebi da SigniTafkafsul a;
- \\ \\ \\ naTxemi da misi gamtari gzebi;
- \\ \\ \\ zurgis tvini, fesvebi da periferiul i nervebi;
- \\ \\ \\ mxol od periferiul i nervebi.

\\ \\ \\ CamoTvl il Tagan, meoradi encefal itebis dros, ras moicavs paTogenezuri Terapi?

- \\ \\ \\ antibaqteriul saSual ebebs;
- \\ \\ \\ antivirusul preparetebs;
- \\ \\ \\ hormonebs;
- \\ \\ \\ dehidratacias;
- \\ \\ \\ antikrunCxviT saSual ebebs.

\\ \\ \\ CamoTvl il Tagan, romel i struqturabi ziandeba upiratesad CuTyvavil as da wiTurasmieri encefal itebis dros?

- \\ \\ \\ Tavis tvinis hemisferoebi;
- \\ \\ \\ eqstrapiramidul i sistema;
- \\ \\ \\ naTxemi;

\\ tvinis Rero;  
\\ zurgis tvini.

\\ \\ CamoTvl il Tagan, romel i gziT ar xdeba pol iomiel itiT inficireba?  
\\ air-wveTovani;  
\\ transmitterul i;  
\\ al imentarul i gziT.

\\ \\ CamoTvl il Tagan, wel iwadis romel dros ar vl indeba mwvave  
pol iomiel iti?  
\\ gazafxul ze;  
\\ zafxul Si;  
\\ Semodgomaze.

\\ \\ CamoTvl il Tagan, drois ra monakveTs moicavs mwvave pol iomiel itis  
inkubaciuri periodi?  
\\ 1-3 dRe;  
\\ 7-12 dRe;  
\\ 30 dRe da meti.

\\ \\ CamoTvl il Tagan, romel paTol ogias axasiaTebis parezebisa da  
dambl ebis upiratesad proqsimal uri dazianeba?  
\\ pol iradikul onevrits;  
\\ miel its;  
\\ pol iomiel its;  
\\ zurgis tvinis simsiqvnes.

\\ \\ CamoTvl il Tagan, pol iomiel itis dros, kvl evis romel monacemebs  
eniWebas nakl ebi diagnostikuri mniSvnel oba?  
\\ virusol ogiuris;  
\\ eds-is;  
\\ I iqvorol ogiuris.

\\ \\ CamoTvl il Tagan, drois ra interval iT unda moxdes pol iomiel itiT  
daavadebul is izol acia?  
\\ mwvave periodis ganmavl obaSi;  
\\ 3 kvira;  
\\ 3 Tve;  
\\ mTel i aRdgeniT i periodis ganmavl obaSi.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebis daavadebebs, roml ebi c  
pol iomiel itis msgavsad azianebs zurgis tvinis wina rqebis?  
\\ qveda kidurebis rbil i dambl ebi;  
\\ qveda kidurebze periferiul i da central uri dambl ebis Serwyma;  
\\ nevrol ogiuri simptomebis Seqcevadoba;  
\\ xSirad \_ normal uri I iqvori.

\\ \\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i ganivi miel itisaTvis?  
\\ parapl egia;  
\\ paraanesTezia;  
\\ trofikul i darRvevebi:



\\ menj is Rrus organoTa funqciis moSI a;  
\\ mgrZnobl obis disocirebul i moSI a.

\\ \\ CamoTvl il Tagan, miel itis dros, upiratesad zurgis tvinis romel i segmentebi aris dazianebul i?

\\ \\ kisris;  
\\ \\ gul mkerdis;  
\\ \\ wel is;  
\\ \\ gavis;  
\\ \\ kodusunis.

\\ \\ \\ CamoTvl il Tagan, romel paTol ogias axasiaTebis qsantoqromul i I iqvori cil is maRal i Semcvel obiT?

\\ \\ spinur simsiunes;  
\\ \\ spinur degeneracias;  
\\ \\ pirvel ad virusul miel its;  
\\ \\ hematomi el ias.

\\ \\ \\ CamoTvl il Tagan, ra ar axasiaTebis Sardis WeSmarit Seukavebl obas?

\\ \\ Sardis buStis sfinqteris moduneba;  
\\ \\ Sardis buStis detruzoris moduneba;  
\\ \\ mgrZnobl obis disocirebul i moSI a.

neirodegeneraciebi

\\ \\ \\ CamoTvl il Tagan, ra ar ziandeba pol iradikul oneiropaTiis dros?

\\ \\ fesvebi;  
\\ \\ vegetatiuri gangl iebi;  
\\ \\ zurgis tvinis wina rqebi;  
\\ \\ kraniul i nervebi;  
\\ \\ periferiul i nervebi.

\\ \\ \\ CamoTvl il Tagan, periferiul i dambl ebis rogori gavrcel eba axasiaTebis pol iradikul oneiropaTias?

\\ \\ kidurebis proqsimal uri nawil ebis upiratesi dazianeba;  
\\ \\ kidurebis distal uri nawil ebis upiratesi dazianeba;  
\\ \\ kidurebis segmentebis Tanabari dazianeba.

\\ \\ \\ CamoTvl il Tagan, I iqvoris romel i cvl il eba warmoadgens pol iradikul oneiropaTiis prognozis cud maCvenebel s?

\\ \\ maRal i pl eocitozi;  
\\ \\ pol inukl euri pl eocitozi;  
\\ \\ mononukl euri pl eocitozi;  
\\ \\ cil is mniSvnel ovani momateba.

\\ \\ \\ CamoTvl il Tagan, romel i debul eba ar aris damaxasiaTebel i I andris aRmaval i dambl sis kl inikuri suraTisaTvis?

\\ \\ bul buri moSI il obebi;  
\\ \\ sunTqvis moSI a;

\\ I iqvorSi cil ovan-uj redul i disociacia;  
\\ rbi i dambl ebi;  
\\ spazmuri dambl ebi.

\\ \\ CamoTvl il Tagan, ra ar ganaopirobebs pol iradikul oneiropaTiis  
kl inikuri gamovl inebis simZimes?  
\\ temperaturul i reaqlia;  
\\ daavadebis mimdinareoba;  
\\ procesis gavr cel eba;  
\\ sunTqvis darRvevis xarisxi.

\\ \\ CamoTvl il Tagan, romel i paTol ogiistvis ar aris damaxasiaTebel i  
saxis nervis morecidive dazianeba?  
\\ fal opis arxis Tandayol il i siviwrove;  
\\ pol iomiel iti;  
\\ mel kerson-rozentel is sindromi;  
\\ gafantul i skl erozi.

\\ \\ CamoTvl il Tagan, romel i simptomi ar aRiniSneba naTxem-xidis kuTxeSi  
saxis nervis dazianebis SemTxvevaSi?  
\\ mimikuri kunTebis cal mxrivi parezi;  
\\ Tval is simSral e;  
\\ smenis daqvei Teba;  
\\ herpesul i gamonayari saxeze;  
\\ gemovnebis moSI a enis wina 2/3-Si.

\\ \\ CamoTvl il Tagan, ra axasiaTebis saxis nervis dazianebas sadgisisebri  
morCidan gamosvl is Semdeg?  
\\ mimikuri kunTebis parezi cal mxareze;  
\\ Tval is simSral e;  
\\ gemovnebis moSI a;  
\\ herpesul i gamonayari saxeze.

\\ \\ fridreixis daavadebis dros, CamoTvl il Tagan, ra ar aris  
gamoxatul i?  
\\ hiporefl eqsia;  
\\ statikuri ataqlia;  
\\ dinamiuri ataqlia;  
\\ kunT-saxsrovani mgrZnobel obis moSI a;  
\\ demencia.

\\ \\ fridreixis daavadebis dros, CamoTvl il Tagan, romel struqturaSi  
vl indeba maqsimal uri degeneracia?  
\\ naTxemis qerqi;  
\\ spinocerebel arul i traqti;  
\\ qveda ol ivebis birTvi;  
\\ zurgis tvinis wina rqebi;

\\ \\ CamoTvl il Tagan, fridreixis daavadebis dros, romel i struqturis  
degeneracia iwvevs periferiul i neiropaTiis ganviTarebas?  
\\ zurgis tvinis wina rqebis;

\\ spinocerebel arul i traqtis;  
\\ mal TaSua kvanZebis;  
\\ zurgis tvinis ukana svetebis;  
\\ kl ark\Stil ingis uj redebis.

\\ CamoTvl il Tagan, hentingtonis daavadebis dros, kompiuterul tomogramebze, upiratesad sad vl indeba atrofiul i kerebi?  
\\ naTxemSi;  
\\ subTal amur birTvSi;  
\\ kudian birTvSi;  
\\ Sav substanciaSi;  
\\ mxedvel obis borcvSi.

\\ CamoTvl il Tagan, ra ar aris damaxasiaTebel i hentingtonis daavadebis kl inikuri suraTisaTvis?  
\\ emociuri I abil oba;  
\\ mexsierebis daqveiTeBa;  
\\ mzeris fiqsaciis moSl a;  
\\ intenciuri kankal i;

\\ CamoTvl il Tagan, rodis aris SesaZl ebel i tuberkul ozuri meningitis spesifikuri mkurnal obis intensivobis Semcireba?  
\\ I iqvoris sanaciidan 2 kviris Semdeg;  
\\ mkurnal obis dawyebidan 2 Tvis Semdeg;  
\\ I iqvoris sanaciidan 1 TveSi;  
\\ I iqvoris sanaciidan 6 TveSi.

\\ CamoTvl il Tagan, ra Terapia tardeba Tavis tvinis tuberkul ozis dros?  
\\ .specificuri konservatiul i mkurnal oba;  
\\ antibaqteriul i mkurnal oba;  
\\ dehidratacia;  
\\ neiroqirurgiul i mkurnal oba.

\\ \\ CamoTvl il Tagan, Tavis tvinis garsebis ra morfol ogiuri cvl il ebebiT xasiaTdeba nervul i sistemis tuberkul ozuri dazianebis toqsikur-al ergiul i forma?  
\\ Cirqovani anTebiT;  
\\ cvl il ebebis gareSea;  
\\ difuzuri skl eroziT;  
\\ kerovani nekroziT.

\\ \\ CamoTvl il Tagan, romel i aris mZime narCeni movl enebiT mimdinare gripismieri encefal itis forma?  
\\ qerqul i (mimdinare mwvave fsiqoziT);  
\\ qerq\_qerqqveSa (hemipareziTa da afaziiT);  
\\ qerqqveSa-Rerovani (pol imorful i hiperkineziTa da statikis moSl iT);  
\\ Rerovani (Tval is kabl ebis SeuRl ebul i moZraobis moSl iT da ataqsiiT).

\\ \\ CamoTvl il Tagan, romel i struqturebi ar ziandeba SeZenil i toqsopl azmosis dros?

\\ \\ I imfuri jirkvl ebi;

\\ \\ nervul i sistema;

\\ \\ ConCxis kunTebi;

\\ \\ miokardi;

\\ \\ Zvl ovani sistema.

\\ \\ toqsopl azmosis mkurnal obisTvis CamoTvl il Tagan, gamoiyeneba:

\\ \\ mxol od ql oridini;

\\ \\ ql oridini sul fanil amidTan erTad;

\\ \\ tetracikl inis j gufis antibiotikebi;

\\ \\ steroidul i hormonebi;

\\ \\ pol isinTezuri antibiotikebi da steroidul i hormonebi.

\\ \\ CamoTvl il Tagan, ra ar aRiniSneba botul izmis dros?

\\ \\ Rebineba;

\\ \\ zogadi sisuste;

\\ \\ hemiparezi;

\\ \\ mxedvel obis simaxvil is daqvei Teba;

\\ \\ dipl opia.

\\ \\ CamoTvl il Tagan, romel i infeqciuri agenti iwvevs brucel ozs?

\\ \\ virusi;

\\ \\ baqteria;

\\ \\ protozoa;

\\ \\ riketsia;

\\ \\ I eptospira.

\\ \\ CamoTvl il Tagan, ra mkurnal oba tardeba brucel ozis mwvave periodSi?

\\ \\ antibiotikoTerapia;

\\ \\ vaqcinoterapia;

\\ \\ hormonoterapia;

\\ \\ hemotransfuzia;

\\ \\ bal neoTerapia.

\\ \\ CamoTvl il Tagan, ra ar axasiaTebS Tandayol il I isteriozs?

\\ \\ epil efsiuri gul yrebi;

\\ \\ spazmuri tetrapareziT;

\\ \\ SefardebiTi mikrocefal ia;

\\ \\ fsiqiuri ganviTarebis Seferxeba;

\\ \\ kuW-nawl avis traqtis disfunqcia.

\\ \\ orsul ebSi, I isteriozis qronikul i formis dros (romel ic iwvevs nayofis ganviTarebis Seferxebas), CamoTvl il Tagan, upiratesad sad aris I okal izebul i kera?

\\ \\ Tirkmel ebSi;

\\ \\ kuW-nawl avis traqtSi;

\\ \\ RviZl Si;

\\ \\ gul -sisxl ZarRvTa sistemaSi.

\\ \\ CamoTvl il Tagan, romel i infeqciuri agenti iwvevs cofs?  
\\ virusi;  
\\ baqteria;  
\\ paraziti;  
\\ riketsia.

\\ \\ CamoTvl il Tagan, ra warmoadgens demiel in izaci iT mimdinare daavadebebis ZiriTad paTogenezur meqani zms?  
\\ I iqvoris hiperproduqcia;  
\\ sisxl ZarRvTa angiospazmi;  
\\ al ergiul -imunopaTol ogiuri procesi;  
\\ el eqtrol ituri disbal ansi;  
\\ nervul i uj redebis membranis gamavl obis darRveva.

\\ \\ CamoTvl il Tagan, romel garemoebas eTmoba nakl ebi mniSvnel oba gafantul i skl erozis diagnostikaSi?  
\\ I iqvorSi gama-gl obul inis Semcvel obis momateba;  
\\ kl onur-tonuri kruncxvebis ganmeorebiT epizodebi;  
\\ mrt-ze demiel in izaciis kerebis arseboba;  
\\ mxedvel obis nervis nevritis recidivebi.

\\ \\ CamoTvl il Tagan, panencefal itis dros, ra xasiaTis aris epil efsiuri gul yrebi?  
\\ general izebul i;  
\\ pol imorful i;  
\\ vegetatiur-viscerul i;  
\\ fokal uri.

\\ \\ CamoTvl il Tagan, romel paTol ogias upiratesad axasiaTebis eqstrapiramidul i moSI il obebis gamovl ena?  
\\ van-bogartis panencefal its;  
\\ Sil deris panencefal its;  
\\ panencefal itis fsevdotuberozul formas;  
\\ panencefal itis gardamaval formas.

\\ \\ CamoTvl il Tagan, romel paTol ogias upiratesad axasiaTebis piramidul i moSI il obebis gamovl ena?  
\\ van-bogartis panencefal its;  
\\ Sil deris panencefal its;  
\\ panencefal itis fsevdotuberozul formas;  
\\ panencefal itis gardamaval formas.

\\ \\ CamoTvl il Tagan, romel paTol ogias axasiaTebis Tval is simptomebi \_ ambliopia, mxedvel obis nervis atrofiiTa da SeSupebiT?  
\\ van-bogartis panencefal its;  
\\ Sil deris panencefal its;  
\\ panencefal itis fsevdotuberozul formas;  
\\ panencefal itis gardamaval formas.

\\ \\ CamoTvl il Tagan, romel i paTol ogia ar miekuTvneba  
mademiel inizirebel daavadebebs?  
\\ \\ gafantul i skl erozi;  
\\ \\ qvemwave maskl erozirebel i panecefal iti;  
\\ \\ qronikul i progresirebadi l eikoencefal iti;  
\\ \\ metagromul i l eikodistrofia;  
\\ \\ progresul i damb l a.

\\ \\ CamoTvl il Tagan, romel i kraniul i nervi ar ziandeba gafantul i  
skl erozis dros?  
\\ \\ mxedvel obis;  
\\ \\ ganmzidvel i;  
\\ \\ Tval is mamozravebel i;  
\\ \\ saxis;  
\\ \\ damatebiTi.

\\ \\ bavSvebSi, gafantul i skl erozis gavrcel ebul formas,  
CamoTvl il Tagan, ra miekuTvneba?  
\\ \\ spinuri;  
\\ \\ cerebrul i;  
\\ \\ cerebros spinuri;  
\\ \\ naTxemis.

\\ \\ CamoTvl il Tagan, gafantul i skl erozis dros, riT ar xasiaTdeba  
mcire menj is Rrus organoTa funqciis moSl a?  
\\ \\ Sardis SekavebiT;  
\\ \\ WeSmariti Sardis Seukavebl obiT;  
\\ \\ pol iuriiT;  
\\ \\ Sardvaze imperatiul i moTxovnil ebiT.

\\ \\ CamoTvl il Tagan, gafantul i skl erozis dros, Tval is simptomebi dan  
ra gv xvdeba xSirad?  
\\ \\ mxedvel obis vel is koncentriul i Seviwroeba;  
\\ \\ periferiul i skotoma;  
\\ \\ central uri skotoma.

\\ \\ CamoTvl il Tagan, romel i saxis anofsia aris damaxasiaTebel i  
gafantul i skl erozisTvis?  
\\ \\ homonimuri;  
\\ \\ binazal uri heteronimul i;  
\\ \\ bitemporal uri heteronimul i;  
\\ \\ kvadrantul i.

\*kl inikuri

\\\ ra midamoebis tkivil i warmoadgens nevrol ogiuri paTol ogiis yvel aze xSir simptoms?

- \\\ Tval ebis da yvrimal ebis tkivil i
- \\\ wel is da beWebis tkivil i
- \\ Tavis da wel is tkivil i
- \\\ gava-kudusunis da kisris tkivil i

\\\ ra saxis cnobierebis dakargva warmoadgens nevrol ogiuri paTol ogiis yvel aze xSir simptoms?

- \\\ ariTmiIT ganpirobebul i ganpirobebul i cnobierebis dakargva
- \\\ hipergl ikemiIT ganpirobebul i cnobierebis dakargva
- \\ epil efsiuri gul yriT ganpirobebul i cnobierebis dakargva
- \\\ hipogl ikemiIT ganpirobebul i cnobierebis dakargva

\\\ nevrol ogiuri paTol ogiis dros vl indeba yvel a specifiuri sensorul i anal izatorebis disfunqcia garda -

- \\\ vizual uri
- \\\ smeniTi
- \\ Rrma mgrZnobel obis
- \\\ ynosvis an gemovnebis

\\\ riTi vl indeba motorul i aqtivobis darRveva?

- \\\ hiperesTeziiT
- \\\ hipesTeziiT
- \\\ parafaziIT
- \\ parapareziT

\\\ ra niSnebiT vl indeba sensorul i sistemis disfunqcia?

- \\\ kvadripl egiIT
- \\ disociirebul i hipesTeziiT
- \\\ cerebel uri ataqsiiT
- \\\ zeda parapareziT

\\\ mwvave Tavis tkivil is mizezi SeiZl eba iyos -

- \\ subaraqnoidul i sisxl Caqceva
- \\\ Tavis tvinis simsiune
- \\\ hidrocefal ia
- \\\ subdurul i hematoma

\\\ mwvave Tavis tkivil is mizezi SeiZl eba iyos -

- \\\ Tavis tvinis simsiune
- \\\ hidrocefal ia
- \\ Sakiki
- \\\ subdurul i hematoma

\\\ mwvave Tavis tkivil is mizezi SeiZl eba iyos -

- \\ Tavis tvinis simsiivne
- \\ meningiti
- \\ hidrocefalia
- \\ subduruli hematoma

- \\\ mwwave Tavis tkivili s mizezi Seizl eba iyos -
- \\ hidrocefalia
- \\ intracerebruli hemoragia
- \\ Tavis tvinis simsiivne
- \\ subduruli hematoma

- \\\ qvemmwave xasiaTis Tavis tkivili s mizezi Seizl eba iyos -
- \\ Sakiki
- \\ intracerebruli hemoragia
- \\ meningiti
- \\ subduruli hematoma

- \\\ qvemmwave xasiaTis Tavis tkivili s mizezi Seizl eba iyos -
- \\ Sakiki
- \\ Tavis tvinis simsiivne
- \\ intracerebruli hemoragia
- \\ meningitis

- \\\ qvemmwave xasiaTis Tavis tkivili s mizezi Seizl eba iyos -
- \\ hidrocefalia
- \\ Sakiki
- \\ meningiti
- \\ intracerebruli hemoragia

- \\\ qvemmwave xasiaTis Tavis tkivili s mizezi Seizl eba iyos -
- \\ meningiti
- \\ Tavis tvinis abscesi
- \\ Sakiki
- \\ intracerebruli hemoragia

- \\\ qronikuli xasiaTis Tavis tkivili s mizezi Seizl eba iyos -
- \\ Tavis tvinis simsiivne
- \\ posttravmul i Tavis tkivili
- \\ hidrocefalia
- \\ subduruli hematoma

- \\\ qronikuli xasiaTis Tavis tkivili s mizezi Seizl eba iyos -
- \\ Tavis tvinis simsiivne
- \\ gaxangrZl ivebul i daZabul obis tipis Tavis tkivili
- \\ hidrocefalia
- \\ subduruli hematoma

- \\\ iradirebul i xasiaTis Tavis tkivili s mizezi Seizl eba iyos -
- \\ Tavis tvinis simsiivne
- \\ sinusebis patologia
- \\ hidrocefalia



\\ subdurul i hematoma

\\\ iradirebul i xasiaTis Tavis tkivil is mizezi SeiZl eba iyos -  
\\ Tval ebis paTol ogia  
\\ hidrocefal ia  
\\ Tavis tvinis simsi vne  
\\ subdurul i hematoma

\\\ iradirebul i xasiaTis Tavis tkivil is mizezi SeiZl eba iyos -  
\\ kbil ebis paTol ogia  
\\ hidrocefal ia  
\\ Tavis tvinis simsi vne  
\\ subdurul i hematoma

\\\ sinkopes mizezi SeiZl eba iyos yvel a CamoTvl il i garda  
\\ arITmia  
\\ karotidul i sinusis hipersenzituroba  
\\ paroqsizmul i gantvirTva safeTql is struqturbSi  
\\ hiperventil acia

\\\ mxedvel obis nervis dazianeba iwvevs -  
\\ refraqciis darRvevas  
\\ baduris paTol ogias  
\\ central uri makul uri mxedvel obis dakargvas da mxedvel obis  
simaxvil is daqvei Tebas  
\\ rqovanasa da l orwovanis paTol ogias

\\\ mxedvel obis j varedinis dazianeba iwvevs - (CamoTval eT)  
\\ refraqciis darRvevas  
\\ baduris rqovanasa da l orwovanis paTol ogias  
\\ central uri makul uri mxedvel obis dakargvas da mxedvel obis  
simaxvil is daqvei Tebas  
\\ mxedvel obis moSl as vel is naxevarSi (hemianofsia)

\\\ ras warmoadgens amaurosis fugax (gardamaval i sibrmave) da ra aris misi  
mizezi?  
\\ mxedvel obis nervis travmul i dazianebas  
\\ mxedvel obis arteriaSi gardamaval i Semiur Setevas  
\\ mxedvel obis nervis mzardi simsi vnes  
\\ mxedvel obis nervis mwvave nevrits

\\\ ra aris uthofis fenomeni da ra aris misi mizezi?  
\\ mxedvel obis uecari dakargva nervis travmul i dazianebis gamo  
\\ mxedvel obis uecari dakargva mxedvel obis arteriaSi gardamaval  
i Semiur Setevis gamo  
\\ mxedvel obis uecari dakargva mxedvel obis nervis mzardi simsi vns  
Sedegad  
\\ mxedvel obis uecari dakargva cxel i abazanis miRebis an mZime  
fizikuri muSaobisas (mxedvel obis nervis demielinizaciis Sedegad)  
\\\ mxedvel obis uecari dakargvis mizezs axal gazrda asakSi upiratesad  
warmoadgens

- \\ mxedvel obis nervis travma
- \\mxedvel obis nervis iSemiuri neiropaTia
- \\mxedvel obis nervis simsi vne
- \\ optikuri nevrity

- \\ mxedvel obis uecari dakargvis mizezs xandazmul asakSi upiratesad warmoadgens ...

- \\ mxedvel obis nervis travma
- \\ mxedvel obis nervis iSemiuri neiropaTia
- \\ mxedvel obis nervis simsi vne
- \\ optikuri nevrity

- \\ \\ mxedvel obis progresul i ormxrivi daqveiTebis mizezs uxSiresad warmoadgens

- \\ mxedvel obis nervebis ormxrivi travma
- \\ mxedvel obis nervebis ormxrivi iSemiuri neiropaTia
- \\ hipofizis adenoma
- \\ mxedvel obis nervis ormxrivi simsi vne

- \\ \\ Tavbruxvevis periferiul mizezs warmoadgens

- \\ Reros iSemia
- \\ Reros demiel inizacia
- \\ naTxem-xidis kuTxis simsi vne
- \\ keTil Tvisebiani paroqsizmul i poziciuri Tavbruxveva

- \\ \\ \\ Tavbruxvevis periferiul mizezs warmoadgens

- \\ vestibul uri nevrity
- \\ Reros iSemia
- \\ Reros demiel inizacia
- \\ naTxem-xidis kuTxis simsi vne

- \\ \\ \\ Tavbruxvevis periferiul mizezs warmoadgens

- \\ Reros iSemia
- \\ menieris daavadeba
- \\ Reros demiel inizacia
- \\ naTxem-xidis kuTxis simsi vne

- \\ \\ \\ Tavbruxvevis central ur mizezs warmoadgens

- \\ Reros iSemia
- \\ vestibul uri nevrity
- \\ menieris daavadeba
- \\ keTil Tvisebiani paroqsizmul i poziciuri Tavbruxveva

- \\ \\ \\ Tavbruxvevis central ur mizezs warmoadgens

- \\ vestibul uri nevrity
- \\ tvinis struqturebis demiel inizacia
- \\ menieris daavadeba
- \\ keTil Tvisebiani paroqsizmul i poziciuri Tavbruxveva

- \\ \\ \\ Tavbruxvevis central ur mizezs warmoadgens

- \\ vestibul uri nevrity
- \\ menieris daavadeba

\ tvinis simsi vneebi  
\ keTil Tvisebiani paroqsizmul i poziciuri Tavbruxveva

\ \ ra struqturebis dazianeba SeiZl eba warmoadgendes mwvave  
braqial giis nevrol ogiur mizezs?

\ periferiul i nervis  
\ mxris saxsris  
\ idayvis saxsris  
\ mxris saxsris iogovani aparatis

\ \ \ ra struqturebis dazianeba SeiZl eba warmoadgendes mwvave  
braqial giis nevrol ogiur mizezs?

\ idayvis saxsari  
\ mxris wnul i  
\ mxris saxsari  
\ mxris saxsris iogovani aparati

\ \ \ ra struqturebis dazianeba SeiZl eba warmoadgendes mwvave  
braqial giis nevrol ogiur mizezs?

\ mxris saxsris iogovani aparatis  
\ kisris fesvebis  
\ mxris saxsris  
\ idayvis saxsris

\ \ \ ra struqturebis dazianeba SeiZl eba warmoadgendes mwvave  
braqial giis nevrol ogiur mizezs?

\ mxris saxsris  
\ idayvis saxsris  
\ mxris saxsris iogovani aparatis  
\ zurgis tvinis kisris segmentebis

\ \ \ ra paTol ogia iwvevs yvel aze xSirad mxris mwvave tkivil s, e.w.  
"gaSeSebul i mxris" ganviTarebas?

\ kisris fesvebis dazianeba  
\ mxris saxsris da mxris saxsris iogovani aparatis dazianeba  
\ zurgis tvinis kisris segmentebis dazianeba  
\ mxris wnul is dazianeba

\ \ \ mxris qronikul i tkivil i SeiZl eba gamoiwvios yvel a  
qvemoTCamoTvl il ma paTol ogiam, garda

\ atl anto-oqcipital uro Sesaxsrebis paTol ogiam  
\ mtevnis da idayvis gvirabul ma sindromebma  
\ zurgis tvinis kisris segmentebis dazianebam  
\ fil tvis mwverval is simsi vnem

\ \ \ nervul i sistemis ra struqturebis dazianeba warmoadgens fexis  
mwvave tkivil is nevrol ogiur mizezs?

\ periferiul i nervis  
\ gava-wel is Sesaxsrebis  
\ menj -barZayis saxsris  
\ muxl is saxsris

\\ nervul i sistemis ra struqturebis dazianeba warmoadgens fexis  
mwvave tkivil is nevrol ogiur mizezs?

\\ I umbo-sakral uri wnul is

\\ gava-wel is Sesaxsrebisa

\\ menj -barZayis saxsris

\\ muxl is saxsris

\\ \\ nervul i sistemis ra struqturebis dazianeba warmoadgens fexis  
mwvave tkivil is nevrol ogiur mizezs?

\\ gava-wel is Sesaxsrebis

\\ zurgis tvinis I umbo-sakral uri nawil is

\\ menj -barZayis saxsris

\\ muxl is saxsris

\\ \\ nervul i sistemis ra struqturebis dazianeba warmoadgens fexis  
mwvave tkivil is nevrol ogiur mizezs?

\\ gava-wel is Sesaxsrebis

\\ muxl is saxsris

\\ wel is fesvebis

\\ menj -barZayis saxsris

\\ \\ fexis qronikul i tkivil is iwvevs yvel a qvemoT CamoTvl il i mizezi  
garda -

\\ menj is Rrus karcinomis

\\ xerxeml is wel is segmentebis diskis prol afsis

\\ barZayis kanis I ateral uri nervis kompresiul i neiropaTiis

\\ diabeturi pl eqsopaTiis

\\ \\ fexebTan dakavSirebul i pacientis Civil ebi moicavs yvel a qvemoT  
CamoTvl il niSans garda-

\\ terfis dambl isa

\\ qvemo kidurebSi krampis tipis mtkivneul i krunCxvebis

\\ ZiI Si fexebSi usiamovno SegrZnebis

\\ sazardul is midamoSi dabuJebis

\\ \\ siarul is aramdgradoba SeiZI eba gamoiwvios yvel a qvemoT  
CamoTvl il i struqturebis dazianebam garda-

\\ qvemo kidurebis periferiul i distal uri neiropaTiis

\\ kunTebis

\\ nerv-kunTovani kavSiris

\\ zemo kidurebis periferiul i distal uri neiropaTiis

\\ \\ siarul is gaZnel eba SeiZI eba gamoiwvios yvel a qvemoT CamoTvl il i  
struqturebis dazianebam garda-

\\ zurgis tvinis

\\ zemo kidurebis periferiul i sensorul i neiropaTiis

\\ tvinis Reros

\\ naTxemis

- \\\ siarul is gaZnel eba SeiZl eba gamoiwvios yvel a qvemoT CamoTvl il i struqturebis dazianebam garda-
- \\\ eqstrapiramidul i sistemis
- \\\ sensorul i deficitis
- \\ zemo kidurebis periferiul i avtonomuri neiropaTiis
- \\\ kortoko-spinal uri gzis ormxrivi dazianeba

- \\\ ra warmoadgens axal gazrda asakSi qronikul i spastiuri parapl egiis uxSires mizezs?
- \\ gafantul i skl erozi
- \\\ sensorul i deficitis
- \\\ qvemo kidurebis periferiul i motorul i neiropaTia
- \\\ cervikul i spondil iti

- \\\ ra warmoadgens xandazmul asakSi qronikul i spastiuri parapl egiis uxSires mizezs?
- \\\ gafantul i skl erozi
- \\\ sensorul i neiropaTia
- \\\ qvemo kidurebis periferiul i motorul i neiropaTia
- \\ cervikul i spondil iti

- \\\ ra warmoadgens xandazmul asakSi qronikul i spastiuri parapl egiis uxSires mizezs?
- \\\ gafantul i skl erozi
- \\ zurgis tvinis metastazuri dazianeba
- \\\ sensorul i neiropaTia
- \\\ qvemo kidurebis periferiul i sensorul i neiropaTia

- \\\ ra ganapirobebs sensorul ataqsiias -
- \\ qvemo kidurebSi Rrma mgrZnobel obis darRveva
- \\\ naTxemis dazianeba
- \\\ qerqqveSa birTvebis paTol ogia
- \\\ qvemo kidurebis periferiul i motorul i neiropaTia

- \\\ sensorul i ataqsiisaTvis dros pacientis siarul s axasiaTebis yvel a niSani garda -
- \\\ farTo baziT siarul i
- \\\ sibnel eSi siarul is gaZnel eba
- \\\ nabij is gadadgmisas fexebis maRI a aweva
- \\ TiTis wwerebze siarul is SeuZl ebl oba

- \\\ monoparezis SemTxvevaSi simptomebis sawinaaRmdego mxares gavrcel eba miuTitebs-
- \\\ zurgis tvinis dazianebase
- \\\ tvinis Reros dazianebase
- \\\ naTxemis Wiis dazianebase
- \\ hemisferoebis struqturebis dazianebase
- \\\ monoparezis SemTxvevaSi simptomebis imave mxares gavrcel eba miuTitebs-
- \\\ Tavis tvinis dazianebase
- \\\ hemisferoebis wina struqturebis dazianebase

- \\ zurgis tvinis dazianebase
- \\ hemisferoebis ukana struqturebis dazianebase

- \\ \\ ra paTol ogiurma procesebma SeiZl eba gamoiwvios cerebel uri ataqsia?

- \\ naTxemis simsvnem
- \\ zurgis tvinis metastazurma dazianebam
- \\ sensorul ma neiropaTiam
- \\ qvemo kidurebis periferiul ma sensorul ma neiropaTiam

- \\ \\ parkinsonis daavadebis dros patientis siarul i xasiaTdeba
- \\ farTo baziT siarul iT
- \\ sibnel eSi siarul is gaZnel ebiT
- \\ mxrebSi moxril i poziT da fexebis fl atuniT
- \\ nabij is gadadgmisas fexebis maRI a aweviT

- \\ \\ ras gul isxmobs termini moZraobiTi darRvevebi?
- \\ im daavadebebs, roml ebiC iwveven nebiTi moZraobis darRvevas naTxemis birtvebis dazianebis Sedegad
- \\ bazal uri birtvebis im daavadebebs, roml ebiC iwveven nebiTi moZraobis darRvevas sensorul i, motorul i da naTxemis funqciis Senaxvis fonze
- \\ im daavadebebs, roml ebiC iwveven nebiTi moZraobis darRvevas sensorul i, funqciis darRvevis Sedegad
- \\ bazal uri birtvebis im daavadebebs, roml ebiC iwveven nebiTi moZraobis darRvevas, Tanxl ebul s sensorul i, motorul i da naTxemis funqciis dazianebiT.

- \\ \\ moZraobiTi darRvevebi ewodeba paTol ogias, romel ic xasiaTdeba-
- \\ moZraobaTa simwiriT da bradikineziIT
- \\ spastiuri hipertoniITa da hiperrefl eqsiIT
- \\ ataqsiuri siarul iT da hipertoniIT
- \\ parapareziTa da hipesTeziIT

- \\ \\ moZraobiTi darRvevebi ewodeba paTol ogias, romel ic xasiaTdeba-
- \\ spastiuri hipertoniITa da hiperrefl eqsiIT
- \\ parapareziTa da hipesTeziIT
- \\ zedmeti, paTol ogiuri ukontrol o moZraobiT da hipotoniIT
- \\ ataqsiuri siarul iT da hipertoniIT

- \\ hiperkinezebs mi ekuTvneba\_
- \\ tremori
- \\ ataqsia
- \\ neiropaTia
- \\ kvadripl egia

- \\ \\ hiperkinezebs mi ekuTvneba\_
- \\ qorea
- \\ ataqsia
- \\ neiropaTia
- \\ kvadripl egia

- \\ \\ hi perki nezeps mi ekuTvneba\_
- \\ mi okl onia
- \\ \\ ataqsia
- \\ \\ neiropaTia
- \\ \\ kvadripl egia

- \\ \\ hi perki nezeps mi ekuTvneba\_
- \\ \\ tikebi
- \\ \\ ataqsia
- \\ \\ neiropaTia
- \\ \\ kvadripl egia

- \\ \\ hi perki nezeps mi ekuTvneba\_
- \\ \\ ataqsia
- \\ \\ neiropaTia
- \\ \\ kvadripl egia
- \\ \\ torsiul i distonia

- \\ \\ hi perki nezeps mi ekuTvneba\_
- \\ \\ ataqsia
- \\ \\ neiropaTia
- \\ \\ aTetozi
- \\ \\ kvadripl egia

- \\ \\ I wyvil i kraniul i nervis funqcia darRveva gamoixateba
- \\ \\ hiposmia- anosmiaSi
- \\ \\ ambl iopia- amavrozSi
- \\ \\ hipakuzia - anakuziaSi
- \\ \\ hipogevzia- agevziaSi

- \\ \\ II wyvil i kraniul i nervis funqcia darRveva gamoixateba
- \\ \\ hiposmia- anosmiaSi
- \\ \\ ambl iopia amavrozSi
- \\ \\ hipoakuzia- anakuziaSi
- \\ \\ hipogevzia- agevziaSi

- \\ \\ VIII wyvil i kraniul i nervis funqcia darRveva gamoixateba
- \\ \\ hiposmia- anosmiaSi
- \\ \\ ambl iopia amavrozSi
- \\ \\ hipoakuzia- anakuziaSi
- \\ \\ hipogevzia- agevziaSi

- \\ \\ VIII wyvil i kraniul i nervis funqcia darRveva gamoixateba
- \\ \\ hiposmia- anosmiaSi
- \\ \\ ambl iopia amavrozSi
- \\ \\ vertigosa da tinitusSi
- \\ \\ hipogevzia agevziaSi

- \\ \\ IX-X wyvil i kraniul i nervis funqcia darRveva gamoixateba
- \\ \\ hiposmia- anosmiaSi
- \\ \\ ambl iopia amavrozSi

- \\ hi poakuzia- anakuziaSi
- \\ hi pogevezia- ageveziaSi

- \\ \\ IX-X wyvil i kraniu l i nervis funqcia dar Rveva gamoixateba
- \\ hi posmia- anosmiaSi
- \\ ambl iopia amavrozSi
- \\ hi poakuzia- anakuziaSi
- \\ disfagia disfoniaSi

- \\ \\ III-IV-VI wyvil i kraniu l i nervebis disfunqcias axasi Tebs yvel a QqvemoTCamoTvl il is simptomi garda -
- \\ dipl opia, ftozi
- \\ miozi,
- \\ midriazi
- \\ ambl iopia-amavrozi

- \\ \\ III-IV-VI wyvil i kraniu l i nervebis disfunqcias axasi Tebs yvel a QqvemoTCamoTvl il is simptomi garda -
- \\ siel me,
- \\ cqeris parezi
- \\ ambl iopia-amavrozi
- \\ horneris sindromi

- \\ \\ ra ewodeba mxedvel obis nawil obriv vel is gamovardnas?
- \\ hemianofsia
- \\ amavrozi
- \\ ambl iopia
- \\ disqromatofsia

- \\ \\ ra ewodeba ferebis aRqmis dar Rvevas?
- \\ hemianofsia
- \\ amavrozi
- \\ ambl iopia
- \\ disqromatofsia

- \\ \\ lqerqul i sibrmavis dros -
- \\ ofTal moskopiuri gamokvl evebi da gugis reaqcia sinaTI eze normal uria
- \\ gugis reaqcia sinaTI eze ar arsebobs
- \\ adgil i aqvs mxedvel obis nervis atrofias
- \\ adgil i aqvs hemianofsias

- \\ \\ mxedvel obis nervis dazianebi T gamowveul sibrmavis dros-
- \\ ofTal moskopiuri gamokvl eva normal uria
- \\ gugis reaqcia sinaTI eze normal uria
- \\ gugis reaqcia sinaTI eze ar arsebobs
- \\ vl indeba heteronimul i hemianofsia
- \\ \\ gugis paTol ogias axasi Tebs Semdegi simptomi
- \\ anizokoria
- \\ ftozi



- \\ homonimuri hemianofsia
- \\ bitemporuli hemianofsia

- \\ \\ homonimur hemoanofsiyas axasiaTebis-
- \\ orive Tval is Tanamosaxel e vel Si mxedvel obis gaqroba
- \\ orive Tval is sxvadasxva vel Si mxedvel obis gaqroba
- \\ qerqul i sibrmave
- \\ ormxrivi amavrozi

- \\ \\ heteronimul hemianofsiyas axasiaTebis
- \\ orive Tval is Tanamosaxel e vel Si mxedvel obis gaqroba
- \\ orive Tval is sxvadasxva vel Si mxedvel obis gaqroba
- \\ qerqul i sibrmave
- \\ ormxrivi amavrozi

- \\ \\ foster-kenedis sindroms axasiaTebis -
- \\ cal mxares mxedvel obis nervis pirvel adi atrofia, kontral ateral urad ki dvril is SeSupeba
- \\ anizokoria da hemianofsia
- \\ orive mxares mxedvel obis nervis dvril ebis SeSupeba
- \\ orive mxares mxedvel obis nervebis atrofia

- \\ \\ horneris niSani xasiaTdeba -
- \\ anizokoriiT da hemianofsiit
- \\ ftoziT, mioziT enoftal miT
- \\ orive mxares mxedvel obis nervis dvril ebis SeSupebiT
- \\ orive mxares mxedvel obis nervebis atrofiit

- \\ \\ Tval is moZraobis sakaduri sistema ganapirobebs Tval ebis Semdeg moZraobas-
- \\ Tval ebis naxtomisebr gadatanas
- \\ Tval ebis midevnebiT moZraobas
- \\ refl eqtorul optokinezur moZraobas
- \\ vestibul ur gaRizianebase Tval ebis moZraobas

- \\ \\ Tval is moZraobis midevnebiTi sistema ganapirobebs -
- \\ Tval ebis naxtomisebr gadatanas
- \\ Tval ebis midevnebiT moZraobas
- \\ refl eqtorul optokinezur moZraobas
- \\ vestibul ur gaRizianebase Tval ebis moZraobas

- \\ \\ ras ganapirobebs optokinezuri sistema?
- \\ Tval ebis naxtomisebr gadatanas
- \\ Tval ebis midevnebiT moZraobas
- \\ mzeris koreqcias da dafiqsirebas gare samyaroS arsebul i moZraobebis miuxedavad
- \\ vestibul ur gaRizianebase Tval ebis moZraobas
- \\ \\ ras ganapirobebs vestibul ur-okul uri sistema?
- \\ Tval ebis naxtomisebr gadatanas
- \\ Tval ebis midevnebiT moZraobas
- \\ Tval ebis refl eqtorul optokinezur moZraobas

\\ Tavis moZraobisagan damouki debi ad sagnis fiqsirebul ad aRqmas

\\\ lateral uri da medial uri swori kunTi Sesabamisad iwvevs -

\\ Tval is abduqcias da aduqcias

\\ ganzidul i Tval is zeviT da qveviT moZraobas

\\ mozidul i Tval is zeviT da qveviT moZraobas

\\ Tval is SigniT da gareT rotacias

\\\ zeda da qveda swori kunTi Sesabamisad iwvevs

\\ Tval is abduqcias da aduqcias

\\ ganzidul i Tval is zeviT da qveviT moZraobas

\\ mozidul i Tval is zeviT da qveviT moZraobas

\\ Tval is SigniT da gareT rotacias

\\\ zeda da qveda iribi kunTi Sesabamisad iwvevs

\\ Tval is abduqcias da aduqcias

\\ ganzidul i Tval is zeviT da qveviT moZraobas

\\ mozidul i Tval is zeviT da qveviT moZraobas

\\ Tval is SigniT da gareT rotacias

\\\ zeda da qveda iribi kunTi agreTve iwvevs

\\ Tval is abduqcias da aduqcias

\\ ganzidul i Tval is zeviT da qveviT moZraobas

\\ mozidul i Tval is zeviT da qveviT moZraobas

\\ Tval is SigniT da gareT rotacias

\\\ horizontal ur dipl opias iwvevs

\\ zeda da qveda iribi kunTis sisuste

\\ zeda da qveda swori kunTis sisuste

\\ lateral uri an medial uri swori kunTis sisuste

\\ quTuTos amwevi kunTis sisuste

\\\ vertikal urn dipl opias iwvevs

\\ lateral uri an medial uri swori kunTis sisuste

\\ zeda da qveda iribi kunTis sisuste

\\ wamwamovani kunTis sisuste

\\ quTuTos amwevi kunTis sisuste

\\\ dipl opias dros WeSmarit" da „cru' gamosaxul ebebs Soris manZil i maqsimal uria, rodesac -

\\ mzera mimarTul ia janmrTel i kunTis mxares

\\ mzera mimarTul ia dazianebul i kunTis mxares

\\ mzera mimarTul ia pirdapir

\\ mzera mimarTul ia zeviT

\\\ rogor vi indeba srul i ofTal mopl egia?

\\ midriaziT, akomodaciis darRveviT, sinTI eze gugis reaqciis gaqrobiT

\\ ftoziT da Tval is moZraobis darR\$veviT

\\ cal mxrivi ftoziT, midriaziT sinaTI eze gugis reaqciis darRveviT,  
Tval is kakal i gadaxril ia gareT  
\\ vertikal uri siel miT da konvergenciis sisustiT.

\\ \\ rogor vl indeba gareTa ofTal mopl egia?  
\\ midriaziT, akomodaciis darRveviT, sinTI eze gugis reaqciis  
gaqrobiT  
\\ ftoziT da Tval is moZraobis darRveviT  
\\ cal mxrivi ftoziT, midriaziT sinaTI eze gugis reaqciis darRveviT,  
Tval is kakal i gadaxril ia gareT  
\\ vertikal uri siel miT da konvergenciis sisustiT.

\\ \\ rogor vl indeba SigniTa ofTal mopl egia?  
\\ midriaziT, akomodaciis darRveviT, sinTI eze gugis reaqciis  
gaqrobiT  
\\ ftoziT da Tval is moZraobis darRveviT  
\\ cal mxrivi ftoziT, midriaziT sinaTI eze gugis reaqciis darRveviT,  
Tval is kakal i gadaxril ia gareT  
\\ vertikal uri siel miT da konvergenciis sisustiT.

\\ \\ ras niSnavs okul otortikol isi da risi mimaniSnebel ia igi?  
\\ mesame wyvil i nervis dazianeabas da ftozs  
\\ ganmzidvel i nervis dazianeabis gamo Tval ebis miqcevas dazianebul i  
kuntis mxares  
\\ WaRisebri nervis dazianeabis gamo Tavis mi brunebas j anmrTel i  
mxarisaken da daxras  
\\ WaRisebri nervis dazianeabis gamo Tavis mi brunebas dazianebul i  
kuntisaken da da daxras

\\ \\ intranukl euri {birTvTaSorisi) ofTal moparezi -  
\\ ganpirobepul i mxedvel obis premotorul i frontal urio vel is  
disfunqciiT da vl indeba ftozsa da dipl opiaSi  
\\ ganpirobepul i mxedvel obis parieto-occipituri vel is disfunqciiT  
da vl indeba cqeris qerqul i dambl iT  
\\ ganpirobepul i medial uri gaswrvivi konis dazianebiT da vl indeba  
dazianeabis mxares horizontal ur sibrtyeSi Tval is mozidvis  
gaZnel ebiTa da meore Tval Si ganzidvisas aRmocenebul i uxeSi nistagmiT.  
\\ ganpirobepul ia vertikal uri cqeris pareziT romel ic Tanxl ebul ia  
midriaziTa da konvergenciis sisustiT.

\\ \\ parinos sindromi gul isxmobs -  
\\ zeviT cqerisas vertikal uri cqeris dambl as, midriazs, sinaTI eze  
gugebis reaqciis darRvevas, nistagms  
\\ Tval is mamozravebel nervebTan erTad, samwvera nervis pirvel i totis  
da mxedvel obis nervis dazianeabas.  
\\ Tval is mamozravebel i nervebis dazianeabasTan erTd, orbitis areSi  
tkivil s.e.w. mtkivneul i offal mopl egia  
\\ Tval is mamozravebel i nervebis da samwvera nervis zeda totis  
dazianeabas mxedvel obis nervis dazianeabis gareSe  
\\ \\ orbitis mwverval is sindromi gul isxmobs -

\\ zeviT cqerisas vertikal uri cqeris dambl as, midriazs, sinaTI eze gugebis reaqqiis darRvevas, nistagms

\\ Tval is mamozravebel nervebTan erTad, samwvera nervis pirvel i totis da mxedvel obis nervis dazianebas.

\\ Tval is mamozravebel i nervebis dazianebasTan erTd, orbitis areSikivil s.e.w. mtkivneul i oTfal mopl egia

\\ Tval is mamozravebel i nervebis da samwvera nervis zeda totis dazianebas mxedvel obis nervis dazianebis gareSe.

\\ \\ Tval budis zeda napral is sindromi gul isxmobs -

\\ zeviT cqerisas vertikal uri cqeris dambl as, midriazs, sinaTI eze gugebis reaqqiis darRvevas, nistagms

\\ Tval is mamozravebel nervebTan erTad, samwvera nervis pirvel i totis da mxedvel obis nervis dazianebas.

\\ Tval is mamozravebel i nervebis dazianebasTan erTd, orbitis areSikivil s.e.w. mtkivneul i oTfal mopl egia

\\ Tval is mamozravebel i nervebis da samwvera nervis zeda totis dazianebas, mxedvel obis nervis dazianebis gareSe.

\\ \\ tol oza-hantis sindromi gul isxmobs -

\\ zeviT cqerisas vertikal uri cqeris dambl as, midriazs, sinaTI eze gugebis reaqqiis darRvevas, nistagms

\\ Tval is mamozravebel nervebTan erTad, samwvera nervis pirvel i totis da mxedvel obis nervis dazianebas.

\\ Tval is mamozravebel i nervebis dazianebasTan erTd, orbitis areSikivil s.e.w. mtkivneul i ofTal mopl egia

\\ Tval is mamozravebel i nervebis da samwvera nervis zeda totis dazianebas mxedvel obis nervis dazianebis gareSe.

\\ \\ ra gansxvavebaa saxis nervis periferiul da central ur dazianebas Soris?

\\ periferiul i parezi viTardeba dazianebis kontral ateral urad, central uri ki homol ateral urad

\\ periferiul i parezi viTardeba dazianebis homol ateral urad, central uri ki ormxriv

\\ periferiul i parezi moicavs nervis yvel a tots, central uri ki upiratesad qveda mimikur kunTebas

\\ central uri parezi Tanxl ebul i gemovnebis daqvei TebiT enis wina or mesamedSi, periferiul i ki ara.

\\ \\ ras niSnavs tinitusi?

\\ Tavbruxvevas da smenis daqvei Tebas

\\ Tavbruxvevas da wonasworobis dakargvas

\\ yurebSi Suil s

\\ smenis progresirebadi daqvei Tebas

\\ \\ birTvul magnituri tomografia efuZneba -

\\ sxvadasxva simkvrivis qsovil ebis mier rentgenis sxivebis STanTqmas

\\ Zl ieri magnituri vel is gavl eniT wyal badis atombirTvebis vel is mimarTul ebis paral el urad ganl agebas.

\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi  
gl ukozis cvl is dadgenas.  
\\ qsovil ebSi arsebul i wyal badis ionebis mier ul trabgeriT tal Ris  
sixSiris arekvl as

\\ \\ kompiuterul i tomografia efuZneba –  
\\ ZI ieri magnituri vel is gavl eniT wyal badis atombirTvebis vel is  
mimarTul ebis paral el urad ganl agebas.  
\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi  
gl ukozis cvl is dadgenas.  
\\ sxvadasxva simkvrivis qsovil ebis mier rentgenis sxivebis STanTqmas  
\\ qsovil ebSi arsebul i wyal badis ionebis mier ul trabgeriT tal Ris  
sixSiris arekvl as

\\ \\ erTeul i fotonuri emisiuri tomografia efuZneba –  
\\ sxvadasxva simkvrivis qsovil ebis mier rentgenis sxivebis STanTqmas  
\\ ZI ieri magnituri vel is gavl eniT wyal badis atombirTvebis vel is  
mimarTul ebis paral el urad ganl agebas.  
\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi  
gl ukozis cvl is dadgenas.  
\\ qsovil ebSi arsebul i wyal badis ionebis mier ul trabgeriT tal Ris  
sixSiris arekvl as

\\ \\ pozitronul emisiul i tomografia efuZneba –  
\\ sxvadasxva simkvrivis qsovil ebis mier rentgenis sxivebis STanTqmas  
\\ ZI ieri magnituri vel is gavl eniT wyal badis atombirTvebis vel is  
mimarTul ebis paral el urad ganl agebas.  
\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi  
gl ukozis cvl is dadgenas.  
\\ cikl otronis meSveobiT xanmokl e moqmedebis radioaqturi  
nivTierebebis damzadebas da maTi saSual ebiT Jangbadis, gl ukozis da  
cil is cvl is gansazRvras.

\\ \\ ul trabgeriT dopl erografiis principi emyareba  
\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi  
gl ukozis cvl is dadgenas.  
\\ cikl otronis meSveobiT xanmokl e moqmedebis radioaqturi  
nivTierebebis damzadebas da maTi saSual ebiT Jangbadis, gl ukozis da  
cil is cvl is gansazRvras.  
\\ SedarebiTi moZraobis bgeris saxiT aRqmas

\\ \\ el eqtroencefal ografiis principi emyareba  
\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi  
gl ukozis cvl is dadgenas.  
\\ tvinis bioel eqtrul i aqtivobis registracias  
\\ cikl otronis meSveobiT xanmokl e moqmedebis radioaqturi  
nivTierebebis damzadebas da maTi saSual ebiT Jangbadis, gl ukozis da  
cil is cvl is gansazRvras.  
\\ SedarebiTi moZraobis bgeris saxiT aRqmas

\\ \\ el eqtroneiromiografiis principi emyareba

\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi gl ukozis cvl is dadgenas.

\\ kunTis moqmedebis potencial is aRnusxvas koncentrul i nemsis daxmarebiT.

\\ SedarebiTi moZraobis bgeris saxiT aRqmas

\\ tvinis bioel eqtrul i aqtivobis registracias

\\ \\ \\ vizual uri, akustikuri da somatoensorul i gamowveul i potencial ebis meSveobiT -

\\ SesaZl ebel ia Tavis tvinSi gl ukozis cvl is dadgena.

\\ SesaZl ebel ia xanmokl e moqmedebis radioaqturi nivTierebebis damzadeba da maTi saSual ebiT Jangbadis, gl ukozis da cil is cvl is gansazRvra.

\\ SesaZl ebel ia central uri da periferiul i nervul i sistemis kerovani da disemini rebul i procesebis dadgena da dinamikaSi Sefaseba.

\\ SesaZl ebel ia tvinis bioel eqtrul i aqtivobis registracia

\\ \\ \\ el eqtroencefal ografias gadamwyveti mniSvnel oba eniWeba -

\\ parkinsonis daavadebis diagnostikaSi.

\\ gafantul i skl erozis diagnostikaSi

\\ epil efsiis diagnostikaSi.

\\ komatozuri mdgomareobis diagnostikaSi.

\\ \\ \\ el eqtroneiromiografias gadamwyveti mniSvnel oba eniWeba -

\\ parkinsonis daavadebis diagnostikaSi.

\\ gafantul i skl erozis diagnostikaSi

\\ periferiul i nervebis daavadebebis diagnostikaSi.

\\ komatozuri mdgomareobis diagnostikaSi.

\\ \\ \\ el eqtroneiromiografias gadamwyveti mniSvnel oba eniWeba -

\\ parkinsonis daavadebis diagnostikaSi.

\\ gafantul i skl erozis diagnostikaSi

\\ nerv-kunTovani daavadebebis diagnostikaSi.

\\ komatozuri mdgomareobis diagnostikaSi.

\\ \\ \\ endovaskul uri intervenciul i radiol ogia gul isx mobs -

\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi gl ukozis cvl is dadgenas.

\\ cikl otronis meSveobiT xanmokl e moqmedebis radioaqturi nivTierebebis damzadebas da maTi saSual ebiT Jangbadis, gl ukozis da cil is cvl is gansazRvras.

\\ sisxl ZarRvis rekanal izaciis an stenozi rebisaken mimarTul

RonisZiebebs, roml ebis xorciel deba neiroradiol ogiuri kontrol iT

\\ tvinis bioel eqtrul i aqtivobis registracias

\\ \\ \\ cerebrul i angiografia emyareba

\\ radioaqturad moniSnul i nivTierebis daxmarebiT, Tavis tvinSi gl ukozis cvl is dadgenas.

\\ cikl otronis meSveobiT xanmokl e moqmedebis radioaqturi nivTierebebis damzadebas da maTi saSual ebiT Jangbadis, gl ukozis da cil is cvl is gansazRvras.

\\ sel eqtiuri kaTeterizaciis meTodiT eqstra da intrakraniul i  
sisxl ZarRvebis kontrastul gamosaxvas.

\\\\ sisxl ZarRvis rekanal izaciis an stenozirebisaken mimarTul  
RonisZiebebs, roml ebis xorciel deba neiroradiol ogiuri kontrol iT

cnobiereba da misi darRvevebi, intrakraniul i hipertenzia

\\\\\\ cnobiereba warmoadgens individis mier samyaros Secnoba-Semecnebis  
da garemos gamRizianebl ebze adeqvaturi reagirebis unars, romel ic

\\ Sedgeba ori ZiriTadi komponentisagan - RviZil is donisa da  
cnobierebis Sinaarsisagan

\\\\ ar aris dakavSirebul i retikul ur formaciasTan

\\\\ anatomiurad bazal ur birTvebTanaa dakavSirebul i

\\\\ gul isxmobs mxol od RviZil is donis daqveiTebas

\\\\\\ CamoTvl il Tagan romel ia cnobierebis darRvevis saxe

\\\\ Wkuasustoba

\\\\ Zil i

\\ del iriumi

\\\\ Tavbruxveva

\\\\\\ CamoTvl il Tagan cnobierebis Sefasebis aucil ebel ia

\\ RviZil is done da cnobierebis Sinaarsis gansazRvra

\\\\ sakmarisia Sefasdes kognituri funqciebi

\\\\ gadamwyveti mniSvnel obaa aqvs sisxl is bioqimiur monacemebis  
gansazRvras

\\\\ kidurebSi Zal is deficitis gansazRvra

\\\\\\ Secvl il i cnobierebis erTaderTi normal uri formaa

\\\\ konfuziuri mdgomareoba

\\\\ I eTargia

\\\\ katatonuri stupori

\\ Zil i

\\\\\\ CamoTvl il Tagan simarTI es Seesabameba Semdegi definicia \_  
central uri retikul uri formacia:

\\ moTavsebul ia tvinis Reros central ur nawil Si - mogrZo tvinis,  
varol is xidis da Sua tvinis tegmentumSi

\\\\ termini "retikul uri formacia" da "tvinis Reros aRmaval i  
gamaaqtivebel i sistema" sinonimebia

\\\\ dakavSirebul ia mxol od cnobierebis SinaarsTan

\\\\ ziandeba wina cirkul aciaSi iSemiuri insul tis Sedegad

\\\\\\ cnobierebis daqveiTebis stadiebi -

\\ gul isxmobs I eTargias, stupors, komas

\\\\ ar aris dakavSirebul i retikul uri formaciis dazianebasTan

\\\\ gul isxmobs konfuziur mdgomareobas

\\\\ aucil ebel i winapirobaa del iriumis gamovl enebisaTvis

\\\\\\ individis naTel i cnobiereba

- \\ warmoadgens RviZil is maRal dones, roml is drosac cnobierebis Sinaarsi Senaxul ia
- \\ dRis manZil ze icvl eba maqsimal uri sifxizl idan an yuradRebis koncentraciidan mkveTr uyuradRebobamde
- \\ warmoadgens RviZil is mdgomareobas, rodesac srul yofil ad ver pasuxobs gaRiziane baze
- \\ SeiZl eba gamoyenebul iqnas del iriumis msubuqi forme bis daxasiaTebisaTvis

- \\ \\ Zil ianoba (I eTargia, somnol encia) warmoadgens mdgomareobas, roml is drosac -

- \\ \\ gamoRviZebis reaqcia miirweva mxol od Zl ieri da ganmeorebiTi stimula ci iT

- \\ \\ gugisa da rqovanas refl eqsi ar iwveva

- \\ \\ kiTxvebze pasuxobs, magram dagviane biT, SesaZl oa arazustad

- \\ \\ aRiniSneba cnobierebis mkveTri dabindva

- \\ \\ \\ Zil ianoba (sommol encia) warmoadgens mdgomareobas, rodesac

- \\ \\ RviZil is donis SenarCuneba SesaZl ebel ia garegani gamRiziane bi is gareSe

- \\ \\ CaZaxil ze an taqtil uri stimula ci is sapa suxod gamoRviZebis reaqcia dagviane biT viTardeba

- \\ \\ Tval gaxel il i paci enti ar asrul ebs instruqciebs an sapa suxo moqmedeba nel i da araadeqvaturia

- \\ \\ myesTa da l orwovanis refl eqse bi yovel Tvis daTrgunul ia

- \\ \\ \\ stupori warmoadgens cnobierebis darRvevas -

- \\ \\ romel sac Tan axl avs uyuradReboba da cnobierebis zomieri dabindva

- \\ \\ roml is drosac gamoricxul ia sityvieri brZane biT an mtkivneul i gaRiziane biT gamoyvani l Iqnas am mdgomareobi dan

- \\ \\ rodesac gamoRviZebis reaqcia miirweva mxol od Zl ieri da ganmeorebiTi stimula ci iT

- \\ \\ ar Seesabameba termini "sopori"

- \\ \\ \\ romel i mdgomareoba ar Seesabameba Se cvl il cnobierebas

- \\ \\ konfuzia, del iriumi

- \\ \\ stupori, koma

- \\ \\ panikuri Seteva

- \\ \\ I eTargia

- \\ \\ \\ cnobierebis mwvave dabindva **acute confusional state** – is mdgomareoba Si paci enti -

- \\ \\ gonzea, magram drosa, sivrcesa da garemoSi dezorientirebul ia

- \\ \\ azrovneba yovel Tvis l ogikuria

- \\ \\ inarCunebs Cveul i siswrafiTa da sizustiT azrovnebis unars

- \\ \\ zustad Seesabameba fenomenol ogiurad del iriumis mdgomareobas

- \\ \\ \\ mwvave konfuziuri mdgomareoba – **acute confusional state** –

- daxasiaTebisaTvis sworia Semdegi mosazreba:

- \\ \\ ar SeiZl eba gamoyenebul iqnes del iriumis msubuqi forme bis

- dasaxasiTebi ad



\\ SesaZl oa pacienti mokl e droiT inarCunebdes martivi saubris unars, magram azrovneba uTavbol oa, Senel ebul i da yuradRebis deficiTi mkveTria

\\ aucil ebel ia dabal i RviZil is donis arseboba

\\ yuradRebis deficiTi, dezorientacia, hal ucinozi mkveTrad aris gamoxatul i del iriumTan SedarebiT

\\ \\ del iriumi warmoadgens dabindul i cnobierebis iseT mdgomareobas, roml is drosac

\\ wamyvani niSania yuradRebis daqveiTeBa

\\ aramudmivi niSania dezorientacia drosa da garemoSi

\\ iSviTia garemos il uzorul i aRqma, mxedvel obiTi da smeniTi hal ucinaciebi

\\ gamosaval i yovel Tvis mZimea

\\ \\ del iriumi - dabindul i cnobierebis mZime xarisxi xasiaTdeba

\\ qvemwvave da qronikul i e.i. dReebisa da kvireebis ganmavl obaSi ganviTarebiT

\\ dRis ganmavl obaSi stabil uri kl inikuri mdgomareobiT

\\ yuradRebis deficiTiT, drosa da garemoSi dezorientaci iT, Secvl il i fsiqomotorul i aqtivobiT, mexsierebis, qcevisa da emociuri darRvevebiT.

\\ yovel Tvis patientis Zil ianobiT da gamoRviZebis gaZnel ebiT.

\\ \\ del iriumis sadiagnostiko kriteriუმebSi Sedis

\\ cnobierebis darRveva, yuradRebis koncentraciis, SenarCunebis an yuradRebis gadarTvis unaris daqveiTeBa

\\ Seucvl el ia myisieri mexsierebis mocul oba

\\ darRvevis ganviTareba xangrZl ivi drois ganmavl obaSi (ramdenime dRidan ramdenime kviramde)

\\ ar warmoadgens daavadebis organul sindroms

\\ \\ del iriumis dros -

\\ patients ar aqvs aRqmis (percefciiS) moSl a da Sesabamisad yuradRebis deficiTi

\\ saubrisas umeteswil ad azrovneba l ogikuria

\\ Zil -RviZil is normal uri cirkadul i riTmis darRveva warmoadgens del iriumis mudmiv TanamgzavrS

\\ iSviaTia xil vebi da garemos il uzorul i aRqma

\\ \\ del iriumis diagnostirebis SemTxvevaSi mkurnal obis mizniT aucil ebel ia

\\ gamomwvevi mizezis identificireba da mocil eba

\\ yovel Tvis patientis ambul atoriul pirobebSi datoveba

\\ saZil e saSual ebebis xSiri gamoyeneba.

\\ patientis il uziebi da hal ucinaciebi irgvl ivmyofebis mier mkacrad sadavo unda iyos.

\\ \\ del iriumis diagnostirebis SemTxvevaSi aucil ebel ia patientis gamokvl eva, romel ic ZiriTadad moicavs:

\\ sixl is saerTo da bioqimiur kvl evebs.

- \\ yovel Tvis saWiroebs neirovizual izacias.
- \\ emg (el eqtromiografia)
- \\ transkraniul i dopl erografias.

\\ \\ del iriumis SemTxvevaSi SesaZI o informatul i gamokvl evebis sqema moicavs, garda:

- \\ I laboratoriul i gamokvl evebi.
- \\ neirovizual izacias, gul mkerdis Rg, eeg.
- \\ I iqvorol ogiur gamokvl eas
- \\ transkraniul dopl erografias.

\\ \\ del iriumis gamomwvevi mizezi SeiZI eba iyos yvel a qvemoT CamoTvl il i paTol ogia garda:

- \\ metabol uri encefal opaTiebi
- \\ medikamentebiT da SxamebiT mowamvl a
- \\ moxsnis sindromebi, gansakuTrebiT al kohol is da hipnosedaciuri saSual ebebis
- \\ memkvidrul i, sensorul i da avtonomiuri neiropaTiebi.

\\ \\ CamoTvl il Tagan cnobierebis yvel aze Rrma darRvevis saxea

- \\ sopori
- \\ sinkope
- \\ koma
- \\ I eTargia

\\ \\ koma aris cnobierebis darRveva, roml is drosac

- \\ pacienti aris Tval Ria
- \\ patientTan verbal uri kontakti SesaZI ebel ia
- \\ gamoricxul ia motorul i aqtivoba
- \\ pacienti imyofeba ugono mdgomareobaSi, verbal uri brZaneba ar esmis, magram mtkivneul gamRizianebe ze SesaZI oa motorul i pasuxi.

\\ \\ koma aris cnobierebis Rrma darRveva, romel ic viTardeba-

- \\ tvinis hemisferoebis an tvinis Reros aRma val gamaaqtivebel i retikul uri formaciis dazianebebas
- \\ mogrZo tvinSi fokal uri dazianebebis SemTxvevaSi
- \\ aucil ebl ad stuporis Semdgom
- \\ mxol od metabol uri procesebis Sedegad

\\ \\ CamoTvl il Tagan romel i Seesabameba simarTI es

- \\ koma wadmoadgens tvinis Reros (varol is xidis qvemoT) dazianebebis Sedegs
- \\ komis dros aucil ebel ia garkveul i motorul i aqtivoba
- \\ gl azgos skal iT fasdeba mxol od komis siRrme.
- \\ gl azgos skal iT 8-4 qul a Seesabameba komas.

\\ \\ CamoTvl il Tagan romel i qul ebi Seesabameba komas (gl azgos skal is mixedvi T)

- \\ 15-14 qul a
- \\ 8\_4 qul a
- \\ 13-9 qul a

\\ 3 qul a

\\ \\ cnobierebis donis SefasebisaTvis mowodebul i gl azgos komi s skal a gul isxmobs

\\ pacientis Tval ebis, aseve si tyvier an mtkivneul gamRizianebe ze motorul da verbal ur pasuxs, romel ic fasdeba qul ebiT da j amdeba

\\ pacientis unarSezRudul obasa

\\ komidan gamosvl is prognozs

\\ Reros refl eqsebis Sefasebas.

\\ \\ CamoTvl il Tagan komatozuri mdgomareobis gamomwvevi SesaZl o mi zezebia

\\ medikamentebiT mowamvl a (fsiqotropul i preparetebi)

\\ metabol uri darRvevebi

\\ cerebrovaskul uri dazianebebi

\\ yvel a pasuxi sworia.

\\ \\ CamoTvl il Tagan komatozuri mdgomareobis gamomwvevi fokal uri mi zezebia

\\ hipergl ikemia

\\ hepatargia

\\ miqsedema

\\ epidurul i hematoma

\\ \\ CamoTvl il Tagan komatozuri mdgomareobis gamomwvevi difuzuri mi zezebi dan aRsani Snavia

\\ subdurul i hematoma

\\ sisxl Caqceva varol is xidSi

\\ naTxemis infarqti

\\ tvinis infeqciuri dazianeba (encefal itebi)

\\ \\ CamoTvl il Tagan komatozuri mdgomareobis gamomwvev tvinis subtentoriul dazianebebs mi ekuTvneba

\\ bazil arul i arteriis Trombozi

\\ hipogl ikemia

\\ intral oburi sisxl Caqceva

\\ hipofizuri apopl eqsia

\\ \\ tvinis energetikul i moTxovnil ebebi uzrunvel yofil ia

\\ gl ukozisa da Jangbadis miwodebiT

\\ mxol od gl ukoziT

\\ mxol od JangbadiT

\\ tvinSi arsebul i naxSirwyl ebis maragiT, romel ic metia 2g-ze.

\\ \\ komi s ganviTarebis mi zezs hipogl ikemi isas warmoadgens

\\ tvinis GReros zeda struqturebis fokal uri dazianeba

\\ gl ukozis miwodebis darRveva da tvinis funqciuri mdgomareobis gauareseba

\\ I iqvorocirkul aciuri gzebis bl oki

\\ medul uri disl okacia

\\ \\ infratentorul i mocul obiTi procesis dros komis ganviTareba  
pirvel rigSi ganpirobeful ia Semdegi meqanizmiT  
\\ \\ medul uri disl okacia  
\\ \\ horizontal uri disl okacia  
\\ \\ tvinis difuzur-sistemuri dazianeba  
\\ \\ safeTql is wil is qveda medial uri kidis\_uncus-is transtentorul i  
disl okacia.

\\ \\ Tavis tvinSi supratentorul ad mzardi masis arsebobisas komis  
ganviTareba gvafiqrebinebs  
\\ \\ I iqvorocirkul aciuri gzebis bl okirebas intrakraniul i wnevis  
mzardi matebiT  
\\ \\ SesaZl oa horizontal uri disl okacia  
\\ \\ SesaZl oa transtentorul i disl okacia  
\\ \\ yvel a sworia

\\ \\ komaSi myofi pacientisaTvis gadaudebel RonisZiebebs mi ekuTvneba  
\\ \\ sasunTqi gzebis gamavl oba (A), sunTqvis adeqvaturoba (B),  
hemodinamikis stabil uroba(C)  
\\ \\ neirovizual izacia  
\\ \\ I umbal uri punqcia  
\\ \\ hipoTermiis koreqcia

\\ \\ CamoTvl il Tagan komaSi myofi pacientisTvis gadaudebel  
RonisZiebebs mi ekuTvneba  
\\ \\ sasunTqi gzebis gamavl oba (A), sunTqvis adeqvaturoba (B),  
hemodinamikis stabil uroba(C)  
\\ \\ sisxl is aReba gl ukozis, el eqtrol itebis, RviZl isa da Tirkmel ebis  
funqciuri gansazRvrisaTvis, sisxl Si gazebis da pH-is gansazRvra.  
\\ \\ intravenurad deqstrozisa da Tiaminis Seyvana  
\\ \\ yvel a sworia.

\\ \\ CamoTvl il Tagan komaSi myofi pacientisTvis gadaudebel i  
RonisZiebebi gul isxmobs  
\\ \\ SesaZl o hipogl ikemiis koreqcias  
\\ \\ detal ur nevrologiur gasinj vas  
\\ \\ CTwarmoebas  
\\ \\ hipo- an hiperTermiis koreqcias

\\ \\ koma, romel sac win uswrebs del iriumi da fokal uri nevrologiuri  
niSnebi am dros ar aRiniSneba, pirvel rigSi miuTitebs  
\\ \\ komis metabol ur xasiaTze  
\\ \\ Tavis tvinis simsi vneze  
\\ \\ tvinis Reros insul tze  
\\ \\ subaraqnoidul sisxl Caqcevaze

\\ \\ komatozuri mdgomareoba, romel ic viTardeba ramdenime dRis an  
kvis ganmavl obaSi da Tan axl avs fokal uri nevrologiuri niSnebi,  
pirvel rigSi miuTitebs  
\\ \\ subaraqnoidul sisxl Caqcevaze  
\\ \\ intracerebrul hematomaze

- \\ qronikul subdurul hematomaze
- \\ hipogl ikemiaze

- \\ \\ \\ pacientis gasinj visas komatozur mdgomareobaSi qal as fuZis motexil obaze miuTiTebS:

- \\ \\ periorbitul i qsovil ebis feri Secvl a\_saTval is simptomi
- \\ \\ dvril isebri morCis midamos SeSupeba
- \\ \\ rinorea da otorea\_Tavzurgtvinis siTxis gamosvl a
- \\ \\ yvel a sworia

- \\ \\ \\ pacientis gasinj visas komatozur mdgomareobaSi hiperTermiis mizezi SeiZl eba iyos

- \\ \\ neuroinfecia (meningiti an encefal iti)
- \\ \\ hepatargia
- \\ \\ miqsedema
- \\ \\ sedaciuri saSual ebebiT intoqsikacia

- \\ \\ \\ pacientis gasinj visas komatozur mdgomareobaSi hipoTermiis mizezi SeiZl eba iyos

- \\ \\ epil efsiuri statusi
- \\ \\ garkveul i xasiaTis hipoTal amuri dazianebe
- \\ \\ miqsedema
- \\ \\ neuroinfecia

- \\ \\ \\ komatozur pacientebSi Cein-stoqsis tipis sunTqva pirvel rigSi miuTiTebS:

- \\ \\ supratentorul i dazianebeSas disl okaciur sindromze
- \\ \\ xidis da Sua tvinis doneze retikul ur formaciis dazianebase
- \\ \\ moqrZo tvinis doneze arsebul dazianebase
- \\ \\ agoniur mdgomareobaze

- \\ \\ \\ CamoTvl il Tagan komatozur mdgomareobaSi sunTqvis riTmis darRvevis yvel aze mZime tips miekuTvneba:

- \\ \\ Cein-stoqsis sunTqva
- \\ \\ central uri neurogenul i hiperventil acia
- \\ \\ apneozuri sunTqva
- \\ \\ gaspingis tipis sunTqva

- \\ \\ \\ komatozur mdgomareobaSi central uri neurogenul i hiperventil aciis tipis sunTqva miuTiTebS:

- \\ \\ xidisa da Sua tvinis doneze dazianebas
- \\ \\ tvinis sistemur-difuzur dazianebas
- \\ \\ moqrZo tvinis doneze dazianebas
- \\ \\ SigniTaka kafsul is dazianebas

- \\ \\ \\ komatozur pacientebSi TandaTanobiT mzardi hiperventil aciisa da apnoes periodul cikl ebs, romel ic daaxl oebiT 1 wT grZel deba, Seesabameba sunTqvis Semdegi tipi

- \\ \\ \\ gaspingis sunTqva
- \\ \\ \\ apneozuri sunTqva
- \\ \\ \\ central uri neurogenul i hiperventil acia

\\ Cein-stoqsis sunTqva

- \\ \\ komatozur mdgomareobaSi ataqsuri sunTqvis tipi miuTiTebS
- \\ \\ Sua tvinis dazianebase
- \\ \\ xidis dazianebase
- \\ \\ horizontal ur disl okaciaze
- \\ \\ moGrZo tvinis dazianebase

\\ \\ komatozur mdgomareobaSi patientis Sefasebisas darRveul sunTqvis tipebs miekuTvneba:

- \\ \\ apneozuri sunTqva
- \\ \\ Cein-stoqsis sunTqva
- \\ \\ gaspingis tipis sunTqva
- \\ \\ yvel a sworia

\\ \\ komatozur mdgomareobaSi e.w. gasping-is tipis sunTqva miuTiTebS:

- \\ \\ karg prognozul gamosaval ze
- \\ \\ patientis terminal ur mdgomareobaze
- \\ \\ yovel Tvis mosdevs Cein-stoqsis sunTqvas
- \\ \\ xidSi paTol ogiur procesze

\\ \\ cnobierebis donis Sefaseba gl azgos komis skal is mixedviT gul isxmobs:

- \\ \\ verbal ur pasuxs
- \\ \\ Tval ebis gaxel as
- \\ \\ motorul pasuxs
- \\ \\ yvel a sworia

\\ \\ CamoTvl il Tagan komatozuri patientis gasinj visas fasdeba:

- \\ \\ zerel e da Rrma mgrZnobel oba
- \\ \\ inkoordinacia kidurebSi
- \\ \\ kognituri funqciebi
- \\ \\ Tval ebis moZraoba\_spontanuria, SeuRl ebul i, anomal uri.

\\ \\ komatozur pacientebSi detal uri nevrol ogiuri gasinj visas fasdeba:

- \\ \\ gugebis zoma, sinaTI eze reaqlia
- \\ \\ okul ocefal uri da okul ovestibul uri refl eqsebi
- \\ \\ tkivil ze motorul i pasuxi
- \\ \\ yvel a sworia

\\ \\ komatozuri mdgomareobis mizezis dadgenaSi gugebis Sefasebisas mniSvnel ovan parametrs warmoadgens:

- \\ \\ gugis sinaTI eze reaqliul oba
- \\ \\ Tanabari gugebi diametriT 3-4 mm
- \\ \\ anizokoria, romel ic ar aRemateba 1 mm-s
- \\ \\ gugis formas

\\ \\ CamoTvl il Tagan komatozur mdgomareobaSi gamovl enil i qinZisTavis zomis (1-1,5mm) gugebi SesaZl oa miuTiTebdes:

- \\ \\ varol is xidis fokal ur dazianebase

- \\ III wy. Nnervis kompresiaze
- \\ simpatometuri nivTierebebiT intoqsikaciaze
- \\ Sua tvinis fokal ur dazianebase

\\ \\ CamoTvl il Tagan komatozur mdgomareobaSi gamovl enil i qinZisTavis zomis (1-1,5mm) gugebi SesaZl oa miuTiTebdes:

- \\ varol is xidis fokal ur dazianebase
- \\ opiatebiT intoqsikaciaze
- \\ neirosifil isze
- \\ yvel a sworia

\\ \\ komatozur mdgomareobaSi gamovl enil i sinaTI eze areaqtiul i dil atirebul i (>7mm) gugebi miuTiTebS:

- \\ fosfororganul i naerTiT intoqsikaciaze
- \\ varol is xidSi fokal ur dazianebase
- \\ neirosifil isze
- \\ Sua tvinis da III wy. Nnervis struqturul dazianebase

\\ \\ pacientis gasinj visas gamovl enil i marcxenamxrivi ftozi, gugis dil atacia, sinaTI esa da akomodaciaze areaqtiul oba, Tval is gareT dgoma miuTiTebS:

- \\ marcxena III wy. Nnervis dazianebase
- \\ marj vena III wy. Nnervis dazianebase
- \\ central ur transtentorul herniaciaze
- \\ ormxriv supratentorul mocul obiT procesze

\\ \\ komaSi pacientis gasinj visas Tval ebis refl eqtorul i moZraobebis ararseboba miuTiTebS:

- \\ tvinis Reros dazianebase
- \\ metabol ur komaze
- \\ karg prognozul gamosaval ze
- \\ yovel Tvis gardamaval ia

\\ \\ komatozur pacientebSi tvinis Reros dazianebase miuTiTebS:

- \\ okul ocefal uri refl eqsis ararseboba
- \\ Zval -myesTa refl eqsebis gacxovel eba
- \\ korneo-koniuqtivuri refl eqsis gacxovel eba
- \\ anizokoria

\\ \\ CamoTvl iTagan simarTI es Seesabameba:

\\ komatozur pacientebSi yovel Tvis darRveul ia Tval ebis refl eqtorul i moZraobebi

\\ okul ovestibul uri refl eqsi iwveva e.w. Toj inas cdiT

\\ I ateral uri mimarTul ebiT erTi Tval is moZraobis SezRudva miuTiTebS amave mxares III wy. Nnervis dazianebase

\\ komatozur pacientebSi Senaxul i okul ocefal uri da okul ovestibul uri refl eqsebi miuTiTeben tvinis Reros struqturul i dazianebis ararsebobaze

\\ \\ ugono mdgomareobaSi pacientis gasinj visas metabol ur komis arsebobaze migvani Snebs

- \\ anizokoria, gamoxatul i cal mxrivi midriaziT
- \\ fokal uri motorul i deficitis ararseboba
- \\ eegrafiul ad fokal uri nel tal Rovani dizriTmiis arseboba
- \\ qsantogromul i Tavzurgtvinis siTxe

- \\ \\ CamoTvl il Tagan romel i ganmarteba Seesabameba simarTI es:
- \\ pacientis gasinj visas hemisferul i dazianebis dros Tval ebi miqceul ia dadambl avebul i kidurebis mxares
- \\ hemisferul i dazianebisas Tval ebi miqceul ia dadambl avebul i kidurebis sapirispiro mxares
- \\ varol is xidSi dazianebis keris arsebobisas Tval ebi miqceul ia janmrTel i kidurebisaken
- \\ Tval ebis tonuri deviacia miuTiTebis naTxemis dazianebaze

- \\ \\ komatozur pacientebSi motorul i pasuxi fasdeba;
- \\ oTxive kidurSi spontanuri da/an mtkivneul gamRizianebel ze moZraobebis ararsebobiT
- \\ kunTTa tonusis SefasebiT
- \\ Zval -myesTa refl eqsebis gamokvl eviT
- \\ paTol ogiuri refl eqsebis gamokvl eviT

- \\ \\ komatozur mdgomareobaSi mtkivneul gamRizianebel ze dekortikaciul i pasuxi gul isxmobs:
- \\ idayvis saxsrebSi xel ebis da fexebSi eqstenzias
- \\ dazianebul i mxarisaken Tval ebis tonur deviacias
- \\ idayvis saxsrebSi kidurebis fl eqsias, mxrebis mozidvasa da fexebSi eqstenzias
- \\ ormxrivi midriasis da meningeuri sindromis Tanaarsebobas

- \\ \\ komatozur mdgomareobaSi mtkivneul gamRizianebel ze decerebrul i pasuxi upiratesad miuTiTebis:
- \\ Tal amusis disfunqciaze
- \\ mogrZo tvinis disfunqciaze
- \\ varol is xidis disfunqciize
- \\ Sua tvinis disfunqciaze

- \\ \\ komatozur pacientebSi mtkivneul gamRizianebel ze decerebrul i pasuxi gul isxmobs:
- \\ idayvis saxsrebSi gaSI as, winamxrisa da qveda kidurebis eqstenzias
- \\ idayvis saxsrebSi moxras da qveda kidurebis eqstenzias
- \\ motorul i pasuxis ararsebobas
- \\ idayvis saxsrebsa da muxl is saxsrebSi fl eqsias

- \\ \\ pacientebSi mtkivneul gamRizianebel ze motorul i pasuxis ararseboba aRini Sneba
- \\ Rrma komatozuri mdgomareobisas
- \\ zol iani sxeul is dazianebis dros
- S\\ \\ naTxemis struqturebis dazianebisas
- \\ stuporozul i mdgomareobis dros



\\ \\ \\ CamoTvl il Tagan komatozur mdgomareobaSi pacientis mdgomareobis Sefasebis yvel aze mgrZnobiare maCvenebel ia:

- \\ \\ arteriul i wneva
- \\ \\ gl ikemia
- \\ \\ sunTqvis sixSire
- \\ \\ cnobierebis done

\\ \\ \\ komis gamomwvevi Tavis tvinis difuzuri dazianeba gul isxmobs  
\\ \\ rTul i parcial uri gul yris arsebobas  
\\ \\ miasTenur krizis arsebobas  
\\ \\ pol ineiropaTiis arsebobas  
\\ \\ subaraqnoidul sisxl Caqcevas arsebobas

\\ \\ \\ tvinis difuzuri dazianebiT ganpirobebul i koma xasiaTdeba  
\\ \\ TiTqmis yovel Tvis fokal uri dazianebis niSnebis (hemiparezi, afazia) arsebobiT  
\\ \\ viTardeba yovel Tvis mwvaved  
\\ \\ viTardeba TandaTanobiT, SeiZl eba axl des konfuziuri an del iriozul i mdgomareoba  
\\ \\ yovel Tvis asteriqsisiT an miokl oniebis ganviTarebiT

\\ \\ \\ komis ganviTarebis win asteriqsis, miokl oniebis da tremoris arseboba upirvel esad SesaZl oa miuTitebdes  
\\ \\ metabol uri genezis komaze  
\\ \\ transtentorul herniaciaze  
\\ \\ medul ur herniaciaze  
\\ \\ karg prognozul gamosaval ze

\\ \\ \\ komatozur mdgomareobaSi eeg kvl evas gadamwyveti mniSvnel oba aqvs  
\\ \\ subaraqnoidul i sisxl Caqcevis dros  
\\ \\ epil efsiuri statusiT gamowveul i komis Ddros  
\\ \\ dislokaciuri sindromebis dros  
\\ \\ tvinis Reros pirvel adi dazianebis dros

\\ \\ \\ Tavis tvinis fokal uri dazianebis niSnebis ararsebobisas, komis savarauo mizezebia  
\\ \\ iSemiuri insul ti  
\\ \\ encefal iti  
\\ \\ hemoragiul i insul ti  
\\ \\ naTxemis infarqti

\\ \\ \\ komatozur mdgomareobaSi el eqtroencefal ografiul ad gamovl enil i periodul i nel tal Rovani cvl il ebebi miuTitebs  
\\ \\ hipogl ikemiaze  
\\ \\ encefal itis arsebobaze  
\\ \\ subaraqnoidul sisxl Caqcevaze  
\\ \\ hepatargiaze

\\ \\ \\ komaSi myofi pacientisaTvis mkurnal obis menej menti gul isxmobs  
\\ \\ pacienti unda imyofebodes mudmivi monitoringis pirobebsi

- \\ posturul i Terapia yovel or saaTSi
- \\ siTxeebis, el eqtrol itebis bal ansi da organizmisaTvis aucil ebel i kal oraJis uzrunvel yofa
- \\ yvel a sworia

- \\ \\ saZil e-sedaciuri waml ebiS Warbi miRebiT gamowveul komas axasiaTebS
- \\ Tval ebiS moZraobis ararseboba sinaTI eze gugebis reaqciis SenaxviT
- \\ arasodes viTardeba hipotenzia
- \\ arasodes viTardeba sunTqvis depresia
- \\ eeg\_kvI evisas cvl il ebebi ar aris

- \\ \\ CamoTvl il Tagan simarTI es Seesabameba
- \\ benzodiazepinebis da barbiTuratebis Warbi miRebiT gamowveul komas win uswrebs intoqsikaciis niSnebi, niStagmi, ataqsia.
- \\ saZil e\_sedaciuri preparetebiT gamoCveul i komis dros xSiria dekortikaciul i da decerebraciul i rigidoba
- \\ eeg-ze cvl il ebebi iSviaTia
- \\ ar viTardeba hipotenzia, sunTqvis depresia

- \\ \\ gaxangrZI ivebul i moqmedebis barbiTuratebiT intoqsikaciis dros komatozur mdgomareobaSi SesaZI ebel ia

- \\ eeg-ze izoel eqtrul i xazi 24 sT-is ganmavl obaSi
- \\ kardiopul monuri sistemis adeqvaturi menejmentis SemTxvevaSi srul i gamoj anmrTel eba
- \\ detoqsikacia dial izis meTodis gamoyenebiT
- \\ yvel a sworia

- \\ \\ ucnobi etiol ogiis komebis dros gadaudebel RonisZieebS miekuTvneba,
- \\ 25g deqstrozisa da 100g Tiaminis intravenurad Seyvana
- \\ eegrafiul i gamokvl evis Catareba
- \\ ul trabgeriTipl erografiul i gamokvl evis warmoeba
- \\ RviZI is funqciuri sinj ebiS warmoeba

- \\ \\ tvinis fokal uri dazianebiT ganpirobebul i koma xasiaTdeba:
- \\ tvinis l okal uri an l ateral izebul i dazianebis niSnebiT
- \\ refl eqsuri asimetriiT
- \\ cal mxares Tval ebiS tonuri deviaciIT
- \\ yvel a sworia

- \\ \\ CamoTvl il Tagan pacientebSi tvinis fokal uri dazianebiT gamowveul komaze miuTiTebS Semdegi niSnebi:
- \\ meningeuri niSnebi
- \\ daavadebis debiutSi fokal uri nevrologiuri simptomatikis ararseboba
- \\ xSirad komas win uzRvis konfuziuri mdgomareoba Semdgomi del iriumis ganviTarebiT
- \\ tvinis l okal uri an l ateral izebul i dazianebis niSnebi, refl eqsuri asimetrica

\\ \\ tvinis fokal uri dazianebiT ganpirobetul i komis mizezi SesaZI oa iyos

\\ subdurul i da epidurul i hematomebi

\\ \\ hepatargia

\\ \\ subaragmoidul i sisxl Caqceva

\\ \\ meningiti

\\ \\ CamoTvl il Tagan simarTI es Seesabameba Semdegi mtkiceba-

\\ \\ supratentorul i dazianebiasas koma viTardeba hemisferos kompresiiis, disl okaciisa da Reros struqturbze zewol iT

\\ \\ supratentorul ad tvinis fokal uri dazianebiT ganpirobetul i komis dros fokal uri nevrol ogiuri simptomatika ar aRiniSneba

\\ \\ supratentorul i dazianebiasas komatozur mdgomareobaSi V wy.

Nnervis dazianebias niSnebi parahimpokampal uri xeul is kauWis (uncus) disl okaciaze miuTiTebis

\\ \\ supratentorul i dazianebiasas komatozur mdgomareobaSi VII wy.

Nnervis dazianebias niSnebi parahimpokampal uri xeul is kauWis (uncus) disl okaciaze miuTiTebis

\\ \\ CamoTvl il Tagan simarTI es Seesabameba Semdegi mtkiceba -

\\ \\ supratentorul i dazianebiasas komis ganviTarebisaTvis sakmarisia mcire zomis kera disl okaciuri sindromis gareSe

\\ \\ infratentoriul i dazianebiasas mcire zomis keras daavadebis debutSive SeuZI ia ganpirobos komis ganviTareba.

\\ \\ infratentoriul i dazianebiasas disl okaciuri sindromebis ganviTareba iSviaTia

\\ \\ supratentorul i dazianebiasas komis ganviTarebisaTvis sakmarisia mcire zomis kera Subl is wil Si

\\ \\ CamoTvl il Tagan supratentorul i dazianebiT gamowveul i komatozuri mdgomareobis mizezebia

\\ \\ subdurul i da epidurul i hematomebi

\\ \\ Tavis tvinis Seryeva

\\ \\ Subl is pol usis simsiivne

\\ \\ safeTql is pol usis simsiivne

\\ \\ CamoTvl il Tagan komatozuri mdgomareobis gamomwvev

infratentorul mizezebs mi ekuTvneba

\\ \\ Subl is pol usis simsiivne

\\ \\ safeTql is wil is simsiivne

\\ \\ tvinis ReroSi intracerebrul i hemoragia

\\ \\ central uri xeul ebis simsiivne

\\ \\ CamoTvl il Tagan simarTI es Seesabameba

\\ \\ subdurul i hematoma wadmoadgens gankurnebad, supratentorul mocul obiT process

\\ \\ subdurul i hematoma umetesad I etal uri gamosavl iT xasiaTdeba

\\ \\ umetesad viTardeba anamnezSi travis arsebobis gareSe

\\ \\ viTardeba ZiriTadad arteriul i wnevis momatebiasas.

\\ \\ subdurul i hematomis dros simarTI es Seesabameba Semdegi mtkiceba  
-  
\\ \\ SedarebiT nakl ebia asakovan pacientebSi  
\\ \\ diagnostirdeba yovel Tvis detal uri nevrologiuri gasinj visas  
\\ \\ yovel Tvis axl avstavis tkivil i da cnobierebis Secvl a  
\\ \\ diagnostirdeba neirovizual izaciit da mkurnal obis taqtika  
hematomas qirurgiul i evakuaciaa

\\ \\ epidurul i hematoma viTardeba  
\\ \\ gal as sarqvl is lateral uri Zvl ebis motexil obisas  
\\ \\ Sua meninguri arteriis an venis gaglej visas  
\\ \\ xSirad, travmidan ramdenime saatiani naTel i periodis Semdgom  
\\ \\ yvel a sworia.

\\ \\ epidurul i hematomis SemTxvevaSi simarTI es Seesabameba  
\\ \\ I umbal uri punqcia gvexmareba diagnozis dazustebaSi  
\\ \\ diagnozi dasturdeba Tavis tvinis CT an MRI-iT da moiTxovs  
dauyovnebl iv operaciul Carevas  
\\ \\ yovel Tvis vl indeba naTel i periodi travmidan  
\\ \\ prognozul ad, mkurnal obis SemTxvevaSic xSirad fatal uri  
gamosavl iT mTavrdeba

\\ \\ Tavis tvinis travmit gamowveul i kontuziuri keris  
dasaxasiaTebl ad, CamoTvl il Tagan simarTI es Seesabameba Semdegi  
mtkiceba -  
\\ \\ rogorc wesi fokal ur nevrologiur deficits da epi-gul yrebs ar  
ganapirobebs.  
\\ \\ I umbal uri punqciis Catareba risk-faqtors ar warnoadgens  
\\ \\ diagnozis dasazustebl ad sasurvel ia neirogamosaxviti kvlevis  
Catareba  
\\ \\ diagnozis dasazustebl ad sasurvel ia doplerografiul i gamokvl evis  
Catareba

\\ \\ vegetatiur mdgomareobaSi patients -  
\\ \\ Zil -Rvizi is cikl is ar aReniSneba  
\\ \\ Tval Ria mdgomareoba praqtikul ad ar fiqsirdeba  
\\ \\ avtonomiuri nervul i sistemis funqcionireba ar aRiniSneba  
\\ \\ Zil -Rvizi is cikl is aReniSneba

\\ \\ vegetatiur mdgomareobaSi patients -  
\\ \\ ar aqvs Zil -Rvizi is fazebi  
\\ \\ SeuZl iaT I aparaki da zogjer garkveul daval ebas asrul eben  
\\ \\ Senaxul i aqvs tvinis Reros refl eqsebi da avtonomiuri nervul i  
sistemis funqcionireba  
\\ \\ tvinis Reros refl eqsebi da avtonomiuri nervul i sistemis  
funqcionireba  
ar aRiniSneba

\\ \\ CamoTvl il Tagan simarTI es Seesabameba Semdegi mtkicebul eba -  
\\ \\ vegetatiuri mdgomareoba SeiZl eba iyos gardamaval i an myari  
(permanentul i)

- \\ vegetatiuri mdgomareobaSi Zil -RviZil is cikl i ar funqcionirebs
- \\ vegetatiuri mdgomareoba grZel deba mxol od erTi Tve
- \\ vegetatiuri mdgomareoba grZel deba mxol od erTi kvira

- \\ \\ Caketil i kacis (**LOCKED-IN**) sindromi gul isxmobs
- \\ Senaxul cnobierebas
- \\ Tval ebis moZraobis ararseobas vertikal ur sibrtyeSi
- \\ konvergenciis darRvevas
- \\ izol irebul triparezs

- \\ \\ CamoTvl il Tagan romel i SeiZl eba iyos Caketil i kacis (**LOCKED-IN**) sindromis mizezi
- \\ varol is xidis infarqti
- \\ naTxeis hemoragia
- \\ naTxemis iSemia
- \\ Tvinis fexebis infarqti

- \\ \\ CamoTvl il Tagan simarTI es Seesabameba
- \\ Caketil i kacis sindromi viTardeba Sua tvinis dazianebis Sedegad
- \\ Caketil i kacis sindromis mizezi SesaZl oa iyos pontinuri hemoragia
- \\ Caketil i kacis sindromis dros cnobiereba Secvl il ia
- \\ Caketil i kacis sindromis dros Tval ebis moZraoba swarmoebs horizontal ur sibrtyeSi

- \\ \\ CamoTvl il Tagan tvinis sikvdil is kriteriუმებია:
- \\ gl azgos komis skal iT cnobierebis done fasdeba 5 qul iT
- \\ okul ocefal uri da okul ovestibul uri refl eqsebi iwveva
- \\ gugebi iozuri da areaqtiul ia
- \\ gl azgos komis skal iT cnobierebis done fasdeba 3 qul iT

- \\ \\ CamoTvl il Tagan tvinis sikvdil is kriteriუმებია:
- \\ gl azgos komis skal iT cnobierebis done fasdeba 3 qul iT
- \\ hipotenzia
- \\ hipoTermia
- \\ barbituratebiT gamowveul i komis SemTxvevaSi eeg-ze izoel eqtrul i xazi

- \\ \\ Tavzurgtvinis siTxe gamomuSavdeba -
- \\ gverdiTi, mesame da meoTxe parkuWebis sisxl ZarRvovan wnul ebSi
- \\ didi hemisferoebis rbil garsebSi
- \\ spinal ur arxSi
- \\ venur sinusebSi

- \\ \\ CamoTvl il Tagan simarTI es Seesabameba Semdegi mtkiceba -
- \\ Tavzurgtvinis siTxe gamomuSavdeba didi hemisferoebis rbil garsebSi
- \\ I iqvoris absorbcia xdeba zemo Rru venaSi
- \\ hidrocefal ias safuZvl ad udevs rogorc siTxis gadaWarbebul i gamomuSaveba, ise SesaZl oa cirkul aciisa da absorbciiis darRveva
- \\ hidrocefal ias safuZvl ad udevs cirkul aciisa da absorbciiis darRveva

- \\ \\ CamoTvl il Tagan simarTI es Seesabameba
- \\ \\ Tavzurgtvinis siTxe ventrikul ur sistemas tovebs sil viis wyal sadeniT
- \\ \\ Tavzurgtvinis siTxe ventrikul ur sistemas tovebs meoTxe parkuWis wyvil i l ateral uri j ibeebiT e.w. l uSkas xvrel ebiT
- \\ \\ l iqvori cirkul irebs rbil garis sivrceSi
- \\ \\ l iqvori cirkul irebs spinal ur arxSi

- \\ \\ \\ obstruqciul i anu arakomunikasiuri hidrocefal ia gul isxmobs obstruqcias paTol ogiuri procesis gamo -
- \\ \\ ventrikul ur sistemaSi an meoTxe parkuWis gasasvl el xvrel ebTan
- \\ \\ bazal uri gangl iebis doneze
- \\ \\ naTxemis heisferoebis l ateral ur zedapirze.
- \\ \\ tvinis didi hemisferoebis kefa-safeTql is midamoSi.

- \\ \\ \\ komunikaciuri anu gareTa hidrocefal iis mizezi SesaZl oa iyos
- \\ \\ paTol ogiuri procesis gamo spinal uri arxis obstruqcia
- \\ \\ subaraqnoidul i sisxl Caqceva an baqteriul i meningiti
- \\ \\ simsi vne, romel ic izrdeba konveqsital ur zedapirze.
- \\ \\ hemisferos l aterl uri heoragia

- \\ \\ \\ hidrocefal iis kl inikuri suraTis damaxasiaTebel i niSnebia
- \\ \\ meSvide wyvil i nervis dambl a
- \\ \\ qveda kidurebis sisuste da ataqsia
- \\ \\ qvemooT cqeris parezi
- \\ \\ zeda kidurebis sisuste da ataqsia

- \\ \\ \\ hidrocefal iis kl inikuri suraTis damaxasiaTebel i niSnebia
- \\ \\ hemiparezi
- \\ \\ bul buri sindromi
- \\ \\ zemoT cqeris dambl a
- \\ \\ Tval is mamozravebel i nervis dambl a

- \\ \\ \\ CamoTvl il Tagan romel i Seesabameba simarTI es
- \\ \\ normotenziul i hidrocefal iis dros Tavzurgtvinis siTxis wneva normis fargl ebs ar scil deba
- \\ \\ normotenziul i hidrocefal iis dros diagnozs cal saxad adasturebs kl inikuri gaumj obeseba l iqvoris evakuaciis Semdeg
- \\ \\ normotenziul i hidrocefal ias axasiaTebis simptomebis triada: demencia, qveda kidurebis sisuste da ataqsia, Sardis Seukavebl oba.
- \\ \\ normotenziul i hidrocefal iis dasadgenad sakmarisia kognituri funqciebis gamokvl eva

- \\ \\ \\ normotenziul i hidrocefal iis simptomebi da niSnebia
- \\ \\ kognituri funqciebis darRveva
- \\ \\ eqstrapiramidul i simptomatika
- \\ \\ rTul i parcial uri gul yrebi
- \\ \\ mgrZnobel obis disocirebul i moSl a

- \\ \\ \\ hidrocefal iis mkurnal obis mizniT iyeneben -

- \\ ventrikul ur-peritoneal ur Suntirebas
- \\ monros xvrel is gafarToebas
- \\ naTxemis nuSurebis rezeqcias
- \\ ventrikul ur drenaJs.

- \\ \\ keTil Tvisebiani intrakraniul i hipertenziis SesaZl o mizezebia
- \\ simsuqne, endokrinul i daavadebebi\_ amenorea, kuSingis daavadeba
- \\ bronqul i asTma
- \\ Tireotoqsokozi
- \\ kuWis wyl ul i

- \\ \\ CamoTvl il Tagan WeSmaritebas Seesabameba Semdegi mtkicebul eba –
- \\ keTil Tvisebiani intrakraniul i hipertenzia xSirad viTardeba xanSiSesul gamxdar qal ebSi
- \\ keTil Tvisebiani intrakraniul i hipertenziis dros icvl eba kognituri funqciebi
- \\ yovel Tvis SeuRI ebul ia venuri sinusis TrombozebTan
- \\ keTil Tvisebiani intrakraniul i hipertenzia iwvevs mxedvel obis nervis atrofias

- \\ \\ keTil Tvisebiani intrakraniul i hipertenziis SemTxvevaSi simarTI es Seesabameba
- \\ warmoadgens tvinis iSemiuri dazianebris garTul ebas
- \\ daavadebis gamomwvevia ukana fosoSi ganviTarebul i demiel inizacia
- \\ viTardeba supratentoriul i simsivnuri procesis Sedegad.
- \\ diagnozi efuZneba intrakraniul i hipertenziis sxva mizezebis gamoricxvas

- \\ \\ termini pirvel adi neirul acia gul ismobs:
- \\ pirvel adi neiral uri firfitis gaCenas da misgan neironul i l ul is ganviTarebas
- \\ nervul i l ul is urTierTqmedebas mezodermaSTan
- \\ nervul i l ul isagan magari garsis ganviTarebas
- \\ nervul i l ul isagan aqsial uri ConCxis ganviTarebas.

- \\ \\ embrionis ganviTarebaSi pirvel adi neirul aciis etapi moicavs:
- \\ gestaciis 1-2 Tves
- \\ gestaciis 4-7 kviras
- \\ gestaciis 3-5 Tves
- \\ gestaciis 3-4- kviras

- \\ \\ embrionis ganviTarebaSi meoradi neirul aciis etapi moicavs:
- \\ gestaciis 1-2 Tves
- \\ gestaciis 4-7 kviras
- \\ gestaciis 3-5 Tves
- \\ gestaciis 3-4- kviras

- \\ \\ embrionis ganviTarebaSi migraciis etapi moicavs:
- \\ gestaciis 1-2 Tves
- \\ gestaciis 4-7 kviras

- \\ gestaciis 3-5 Tves
- \\ gestaciis 3-4- kviras

\\ \\ embrionis ganviTarebaSi prol iferaciis etapi moicavs:

- \\ gestaciis 1-2 Tves
- \\ gestaciis 4-7 kviras
- \\ gestaciis 2-4 Tves
- \\ gestaciis 3-4- kviras

\\ \\ embrionis ganviTarebaSi miel inizaciiss etapi moicavs:

- \\ gestaciis 1-2 Tves
- \\ gestaciis 4-7 Tves
- \\ gestaciis 2-4 Tves
- \\ ZiriTadad viTardeba postnatal urad

\\ \\ pre, peri da postnatal urD GganviTarebul i dazianebebi fasdeba rogorc:

- \\ momwifebis darRveva (migraciis da diferenciaciis)
- \\ pirvel adi neirul aciis Seferxeba
- \\ prozencefal onis ganviTarebis Seferxeba
- \\ diencefal onis ganviTarebis Seferxeba

\\ \\ pre, peri da postnatal urD GganviTarebul i dazianebebi fasdeba rogorc:

- \\ momwifebis darRveva (migraciis da diferenciaciis)
- \\ pirvel adi neirul aciis Seferxeba
- \\ prozencefal onis ganviTarebis Seferxeba
- \\ diencefal onis ganviTarebis Seferxeba

\\ \\ pre, peri da postnatal urD GganviTarebul i dazianebebi fasdeba rogorc:

- \\ pirvel adi neirul aciis Seferxeba
- \\ prozencefal onis ganviTarebis Seferxeba
- \\ mdebareobis darRveva (dizrafia)
- \\ diencefal onis ganviTarebis Seferxeba

\\ \\ pre, peri da postnatal urD GganviTarebul i dazianebebi fasdeba rogorc:

- \\ pirvel adi neirul aciis Seferxeba
- \\ ganviTarebis manki
- \\ prozencefal onis ganviTarebis Seferxeba
- \\ diencefal onis ganviTarebis Seferxeba

\\ \\ pre, peri da postnatal urD GganviTarebul i dazianebebi fasdeba rogorc:

- \\ diencefal onis ganviTarebis Seferxeba
- \\ pirvel adi neirul aciis Seferxeba
- \\ prozencefal onis ganviTarebis Seferxeba
- \\ genetikurad ganpirobepul i neirokutanuri sindromebi

\\ \\ pirvel adi neirul aciis darRvevas warmoadgens:



- \\ nayofis vaskul uri dazianebebi
- \\ tvinis mal formaciebi
- \\ anencefal ia
- \\ mucl adyofnis zrdis Seerxebas.

- \\ \\ pirvel adi neirul aciis darRvevas warmoadgens:
- \\ nayofis vaskul uri dazianebebi
- \\ tvinis mal formaciebi
- \\ encefal ocel e
- \\ mucl adyofnis zrdis Seerxebas.

- \\ \\ pirvel adi neirul aciis darRvevas warmoadgens:
- \\ nayofis vaskul uri dazianebebi
- \\ tvinis mal formaciebi
- \\ miel omenigocel e
- \\ mucl adyofnis zrdis Seerxebas.

- \\ \\ termini cerebrul i dambl a gul isxmobs:
- \\ adreul asakSi ganviTarebul amavrozsa da smeniCl ungobas.
- \\ adreul asakSi ganviTarebul astazia-abazias
- \\ adreul asakSi ganviTarebul vegetaturi nervul i sistemis darRvevebs
- \\ adreul asakSi ganviTarebul motorikis da pozis darRvevebs

- \\ \\ bavSvTa cerebrul i dambl is yvel aze xSiri mizezia:
- \\ genetikurad ganpirobeful i faqtorebi
- \\ pl acentis perfuziis darRveviT ganpirobeful i anoqsia da asfiqsia
- \\ mSobiarobis dros dedis asaki
- \\ mSobiarobis dros nayofis didi wona

- \\ \\ migraciis mniSvnel ovan darRvevas warmoadgens
- \\ fakomatozi
- \\ bavSvTa cerebrul i dambl a
- \\ I izencefal ia da Sizencefal ia
- \\ Ciaris mal formacia

- \\ \\ I izencefal ia xasiaTdeba:
- Tavis tvinSi xveul ebis gaRari bebiT da qerqis Senebis cval ebadoba
- \\ Tavis tvinSi napral ebis da naWdevebis gaCeniT, roml ebic parkuWi dan qerqamdea gadaWimul i
- \\ Tavis tvinSi mcierericxovani xveul ebiT an maTi saerTod ararsebobiT
- \\ naTxemis nuSurebis kefis xvrel Si gadanacvl ebiT

- \\ \\ Sizencefal ia xasiaTdeba:
- \\ Tavis tvinSi xveul ebis gaRari bebiT da qerqis Senebis cval ebadoba
- \\ Tavis tvinSi napral ebis da naWdevebis gaCeniT, roml ebic parkuWi dan qerqamdea gadaWimul i
- \\ Tavis tvinSi mcierericxovani xveul ebiT an maTi saerTod ararsebobiT
- \\ naTxemis nuSurebis kefis xvrel Si gadanacvl ebiT

\\\\ pol imikrogiria xasiaTdeba:

- \\ Tavis tvinSi xveul ebis gaRaribebiT da qerqis Senebis cval ebadobiT
- \\\\ Tavis tvinSi napral ebis da naWdevebis gaCeniT, roml ebic parkuWi dan qerqamdea gadaWimul i
- \\\\ Tavis tvinSi mcierericxovani xveul ebiT an maTi saerTod ararsebobiT
- \\\\ naTxemis nuSurebis kefis xvrel Si gadanacvl ebiT.

\\\\ dizrafiul sindromebis miakuTvneba:

- \\\\ I izencefal ia
- \\\\ Sizencefal ia
- \\ diastematomi el ia
- \\\\ pol imikrogiria

\\\\ siringomi el ia ewodeba:

- \\\\ zurgis tvinis sensorul i fesvebis ganviTarebis anomal ias
- \\\\ zurgis tvinis motorul i fesvebis formirebis anomal ias
- \\ zurgis tvinis nivTierebaSi Rruebis warmoqmnas
- \\\\ zurgis tvinis arxis Sexorcebas

\\\\ siringomi el i isaTvis damaxasiaTebel ia

- \\ mgrZnobel obis disoci rebul i moSl a tkivil is da temperaturul i mgrZnobel obis moSl iTa da ukana svetebis mgrZnobel obis SenaxviT
- \\\\ mgrZnobel obis disoci rebul i moSl a ukana svetebis mgrZnobel obis moSl iTa da tkivil is da temperaturul i mgrZnobel obis SenaxviT
- \\\\ motorikis disoci rebul i moSl a moZraobis sifarTisa da Zal is SenaxviT da koordinaciis uxeSi darRveviT
- \\\\ avtonomuri funqciebis disoci rebul i moSl a kraniul i midamos parasimpatikuri dazinebiT da zurgis tvinis avtonomuri funqciebis SenaxviT.

\\\\ bazil arul i impresia warmoadgens:

- \\\\ ZiriTadi Zvl is sxedul is zomebis matebas
- \\\\ Turqul i kexis diafragmis Sexorcebas
- \\\\ Subl is Zvl ebis hiperostozs
- \\ kisris mal ebis qal as fuZeSi invaginacias

\\\\ Ciaris mal formacia warmoadgens:

- \\\\ xerxeml is cervikul i midamos mal Ta rkal ebis Seuxorcebl obas
- \\ naTxemis nuSurebis da mogrZo tvinis kaudal urad gadanacvl ebas
- \\\\ kisris mal ebis morCebis hipertrofias
- \\\\ xerxeml is lumbosakral uri midamos mal Ta rkal ebis Seuxorcebl obas.

\\\\ dendi-uokeris mal formacia warmoadgens:

- \\\\ naTxemis nuSurebis da mogrZo tvinis kaudal urad gadanacvl ebas
- \\\\ kisris mal ebis morCebis hipertrofias
- \\\\ xerxeml is lumbosakral uri midamos mal Ta rkal ebis Seuxorcebl obas.
- \\ meoTxe parkuWis kistorur gafarToebas, Tanxl ebul s naTxemis Wiis disgeneziiT, ukana fosos gafarToebiT da maJandis xvrel is atreziit

\\ \\ fakomatozebi warmoadgens:

\\ \\ kombinirebul mezoeqtodermul i ganviTarebis manks, romel ic moicavs sisxl ZarRvovani, nervul i sistemebis da kanis genetikurad ganpirobepul dazianebas.

\\ kombinirebul neiroeqtodermul i ganviTarebis manks, romel ic moicavs kanis Tval ebis da nervul i sistemis genetikurad ganpirobepul dazianebas.

\\ \\ kombinirebul mezoeqtodermul i ganviTarebis manks, romel ic moicavs sasunTqi sistemis, kanis da nervul i sistemis genetikurad ganpirobepul dazianebas.

\\ \\ kombinirebul mezoeqtodermul i ganviTarebis manks, romel ic moicavs kraniul i nervebis, kanis da nervul i sistemis genetikurad ganpirobepul dazianebas.

\\ \\ \\ neirofibromatozs axasiaTebis:

\\ \\ hipopigmenturi areal ebi da pepl isebri, mowiTal o-moqavisfro uxeSi kvanZebi – adenoma sebaceum

\\ yavis nal eqis feris I aqebi da periferiul i nervebis gayol ebaze xrtil ovani warmonaqmnebi

\\ \\ samwvera nervis pirvel i totis areSi mol urj o-mowiTal o nevusis arseboba.

\\ \\ baduraze ormxrivi mravl obiTi hemangiobl astomebi

\\ \\ \\ fon hipel I indaus daavadebas axasiaTebis:

\\ \\ hipopigmenturi areal ebi da pepl isebri, mowiTal o-moqavisfro uxeSi kvanZebi – adenoma sebaceum

\\ \\ yavis nal eqis feris I aqebi da periferiul i nervebis gayol ebaze xrtil ovani warmonaqmnebi

\\ \\ samwvera nervis pirvel i totis areSi mol urj o-mowiTal o nevusis arseboba.

\\ \\ baduraze ormxrivi mravl obiTi hemangiobl astomebi

\\ \\ \\ tuberozul skl erozs axasiaTebis:

\\ \\ hipopigmenturi areal ebi da pepl isebri, mowiTal o-moqavisfro uxeSi kvanZebi – adenoma sebaceum

\\ \\ yavis nal eqis feris I aqebi da periferiul i nervebis gayol ebaze xrtil ovani warmonaqmnebi arseboba.

\\ \\ baduraze ormxrivi mravl obiTi hemangiobl astomebi

\\ \\ \\ encefal o-trigeminul angiomatozs axasiaTebis:

\\ \\ hipopigmenturi areal ebi da pepl isebri, mowiTal o-moqavisfro uxeSi kvanZebi – adenoma sebaceum

\\ \\ yavis nal eqis feris I aqebi da periferiul i nervebis gayol ebaze xrtil ovani warmonaqmnebi

\\ \\ samwvera nervis pirvel i totis areSi mol urj o-mowiTal o nevusis arseboba.

\\ \\ baduraze ormxrivi mravl obiTi hemangiobl astomebi

\\ \\ \\ yuradRebis deficitis da hiperaktivobis sindromi warmoadgens

- \\\ motorul i, sensorul i da eqstrapiramidul i darRvevebis erTobl iobas
- \\ nevrol ogiuri, qceviTi da kognituri darRvevebis erTobl iobas
- \\\ naTxemisebri paroqsizmul i da kognituri darRevebis erTobl iobas.
- \\\ mxedvel obis smenis da yuradRebis darRvevebis erTobl iobas

- \\\ Zil i warmoadgens yvel a umaRl esi saxeobis cxovel isTvis damaxasiaTebel biol ogiur mdgomareobas, roml is drosac:
- \\\ tvinis bioel eqtrul i aqtivoba ucvl el ia
- \\\ ar xdeba organizmis funqciebis cvl il eba, gansakuTrebiT avtonomiuri nervul i sistemiT regul irebadi funqciebis
- \\ aRiniSneba motorul i da cxovel myofel obis yvel a formis Senel eba
- \\\ Zil i mosdevs sifxizl is period da ar xasiaTdeba regul arul obi T

- \\\ ramden fazes moicavs Rrma Zil i?
- \\\ 4
- \\ 2
- \\\ 5
- \\\ 6

- \\\ nel i Zil is pirvel i da meore stadia xasiaTdeba:
- \\\ el eqtrul i potencial ebis difuzuri dezorganizaciiT da del ta riTmis difuzuri gavr cel ebi T
- \\ gabruebiT, tvinis bioel eqtrul i aqtivobis difuzuri Senel ebi T, eegrafiul ad Teta da del ta riTmebis aRmocenebi T
- \\\ RviZil isTvis damaxasiaTebel i eegrafiul i monacemebi T
- \\\ beta aqtivobis difuzuri aRmocenebi T

- \\\ Ramis Zil is erTi srul i cikl i moicavs:
- \\\ nel i da swrafi Zil is 2-4 cikl s
- \\ nel i da swrafi Zil is 4-6 cikl s
- \\\ nel i da swrafi Zil is 5-7 cikl s
- \\\ nel i da swrafi Zil is 4-8 cikl s

- \\\ kl ein-l evinis sindromisTvis damaxasiaTebel ia:
- \\\ periodul i insomniis Setevebs
- \\\ Setevebi xasiaTdeba regul arul obi T da grZel deba 5-7 dRe
- \\\ ar xasiaTdeba spontanuri gamoj anmrTel ebi T
- \\ Setevebs Soris normal uri mental uri da fizikuri maCvenebl ebi T

- \\\ Zil is apnoe SeiZl eba ganpirobetul i iyos:
- \\\ mxol od zeda sasunTqi gzebis obstruqci iT
- \\\ mxol od central uri apnoeTi, rodesac xdeba yvel a sunTqvi Ti moZraobis gamoTiSva, ris gamoc ar iqmneba haeris oronazal uri nakadi
- \\ rogorc obstruqciul i aseve central uri apnoeTi
- \\\ xidis respiratorul i centrebis disfunqci iT

- \\\ .central uri apnoes SemTxvevaSi patientis upirates Civil s warmoadgens:

- \\ dRis Zil ianoba
- \\ xvrinva da mousvenroba
- \\ insomnia (gamoRviZebis xSiri epizodebis gamo)
- \\ fexis miokl onuss

- \\ \\ pikvikis sindromisTvis damaxasiaTebel ia:
  - \\ obstruqciul i apnoe, simsuqne, dRis Zil ianoba, pol icitemia, hipoventil acia da naxSirorJangis retencia
  - \\ central uri apnoe,simsuqne, normoqromul i anemia, insomnia
  - \\ rogorc obstruqciul i aseve central uri apnoe, simsuqne, hipersomnia
  - \\ obstruqciul i apnoe, dRis Zil ianoba,simsuqne, motorul i aqtivoba
  - Tval ebis swrafi moZraobis fazes dros

- \\ \\ qvemoT CamoTvl il i gamokvl evebidan standartul ad Zil is apnoes Sesafasebl ad gamoiyeneba:

- \\ gul mkerdis rentgenografia da e.k.g. monitoringi
- \\ e.e.g. kvl eva, e.k.g.monitoringi da oqsimetria
- \\ pol ivideosomnografia, e.k.g.monitoringi
- \\ pol ivideosomnografia, oqsimetria, ekg monitoringi da xvrinvaze dakvirveba

- \\ "undil as wyevl a" ventil aciis darRvevis erT-erTi formaa romel ic gvxdeba:

- \\ Zvl is, kunTis an rbil i qsovil is paTol ogiiT ganpirobebul orofaringial uri Seviwroebis dros
- \\ damaxasiaTebel ia pikvikis sindromisTvis
- \\ xasiaTdeba hiperventil aciiT da gamoxatul i dRis Zil ianobiT
- \\ warmoadgens ventil aciis central uri darRvevis formas

- \\ \\ nel i Zil is stadia ikavebs Zil is:

- \\ pirvel 60-90wT-s.
- \\ pirvel 30-60wT-s
- \\ pirvel 20-40wT-s
- \\ pirvel 90-110wT-s

- \\ \\ narkol efsiur-katapl eqsiuri sindromi xasiaTdeba:

- \\ Tval ebis swrafi mozraobis fazes organizaciis da periodul obis darRveviT
- \\ Tavis tvinSi gl ukozis JangviTi metabol izmis daqveiTebiT
- \\ periodul hipersomniis SetevebiT, roml is drosac gamokveTil ia depresia dahiperseqsual uroba
- \\ obstruqciul i apnoeTi, simsuqniT, pol icitemi iT, mkveTrad gamoxatul i dRis Zil ianobiT

- \\ \\ hipnagogiuri da hipnopompuri hal ucinaciebi paTognomuria:

- \\ kl ein-l evinis sindromisTvis
- \\ pikvikis sindromisTvis
- \\ gardamaval i da xanmokl e insomniebisTvis
- \\ narkol efsiur-katapl eqsiuri sindromisTvis

- \\ \\ narkol efsiur-katapl eqsiuri sindromis diagnostikuri kriteriუმებია:
  - \\ kl iniko-anamnezuri monაცემები, Zil is pol isomnografiul i gamokvl eva, Tval is kakl ebis da kunTTa tonusis erTdroul i registraciiT
  - \\ kl iniko-anamnezuri monაცემები, pol isomnografia, e.k.g. monitoringi
  - \\ pol ivideosomnografia, oqsimetria, xvrinvaze dakvirveba
  - \\ kl iniko-anamnezuri monაცემები, Zil is dros oqsimetria
  
- \\ \\ parasomniebi aris Zil is dros aRmocenebul i an masTan dakavSirebul i fenomeni romel ic:
  - \\ sWarbobs mozrdil ebSi da ar atarebs oj axur xasiaTs
  - \\ ar aris dakavSirebul i Zil is stadiებTan
  - \\ xSiria bavSvebSi da iwvevs Zil Si paTol ogiur motorul aqtivobas an intensiur avtonomiur aqtivobas
  - \\ ar aris dakavSirebul i Zil is paTol ogiur struqturasTan
  
- \\ \\ narkol efsiur-katapl eqsiuri sindromi xasiaTdeba yvel a qvemoT CamoTvl il i simptomebiT garda erTisa:
  - \\ kunTTa tonusis dakargva afeqturi reaqciebis dros
  - \\ hipnagogiuri hal ucinaciebi
  - \\ dRis ganmal obaSi SeteviTi xasiaTis Warbi Zil ianoba
  - \\ ventil aciis central uri darRveva, hipopnoe Zil is dros
  
- \\ \\ qvemoT CamoTvl il i parasomniebidan romel i SeiZl eba dakavSirebul i iyos sensorul neiroპათiasTan?
  - \\ Zil is miokl onusi
  - \\ bruqsizmi
  - \\ akaTizia
  - \\ Zil is mieri dambli a
  
- \\ \\ Ramis SiSebi da somnambul izmi viTardeba:
  - \\ gaRviZebisa da RviZil is peroidSi
  - \\ mTel i Ramis ganmal obaSi
  - \\ upiratesad Ramis pirvel naxevarSi nel i Zil is mesame da meoTxe stadiaSi
  - \\ CaZinebisa da Zil is adreul stadiებზე- Zil is pirvel da meore stadiaSi
  
- \\ \\ Tval ebis swrafi moZraobis fazis qcevis darRveva xasiaTdeba:
  - \\ ConCxis kunTebis nawil obrivi an srul i dune dambliT
  - \\ fexis riTmul i mozraobiT, romel ic moicavs wvivi wi na kunTebis
  - \\ motorul i aqtivobiT Zil is dros(muStebis rtymeva, fexebis qneva, sawol idan gaqcevis saxiT)
  - \\ Zil Si siarul i ( somnambul izmi)
  
- \\ \\ hipnotikebiT mkurnal oba gamoiyeneba yvel a qvemoT CamoTvl il i parasomniisa garda:
  - \\ mousvenari fexebis sindromi
  - \\ Zil Si siarul i
  - \\ qcevis darRveva Zil is dros

\\ Ramis enurezi

\\\ romel i parasomniis samkurnal od gamoiyeneba tricikli uri antidepressantebi?

\\ Ramis enurezi

\\ koSmarebi da SiSebi Zil is dros

\\ bruqsizmi

\\ Zil is miokl onusi

\\\ parasomniebidan, Zil is dasawyisSi, normal ur movl enad iTvl eba:

\\ Ramis enurezi

\\ CaZinebis SekrTomebi

\\ bruqsizmi

\\ Zil is miokl onusi

\\\ demiel iniziaciuri daavadebebi ewodeba im paTol ogias, rodesac adgil i aqvs:

\\ rux nivTierebaSi kal cifikatebis Cal agebas.

\\ membranis dazianebas.

\\ miel inis garsis daSl as.

\\ TeTr nivTierebaSi mezogl iis prol iferacias.

\\\ demiel inizaciis mizezi SeiZl eba iyos:

\\ asakobrivi cvl il ebebi.

\\ nervul i Reros simsi vne

\\ imunur-anTebiTi procesebi

\\ sisxl ZarRvovani paTol ogia

\\\ dismiel iniziaciuri daavadebebi ewodeba daavadebaTa im j gufs, sadac miel inis garsis darRveva Sedegia:

\\ travmul i dazianebis

\\ iSemiuri procesebis

\\ genetikuri defeqtis

\\ imunur-anTebiTi procesebis

\\\ c.n.s-Si miel inis gamomuSaveba xdeba:

\\ astrocitebiT

\\ oligodendrogl iocitebiT

\\ mikrogl iocitebiT

\\ endimocitebiT

\\\ demiel inizaciur daavadebebs mi ekuTvneba:

\\ hemoragiul i insul ti

\\ epil efsia

\\ mwvave hemoragiul i l eikoencefal opaTia

\\ Sakiki

\\\ gafantul skl erozs yvel aze damaxasiaTebel ia:

\\ fokal uri gul yrebi

\\ meningial uri niSnebi







- \\ \\ \\ gafantul i skl erozis b.m.r-diagnostikis kriteriumebia:
- \\ \\ 1 an 2 demiel inizaciis kera
- \\ \\ dazianebis 2 mm-ze meti diametris kerebi
- \\ \\ erTi an meti kera an gverdiTi parkuWis mimdebare periventrikul uri sivrceSi, an korZian sxoul Si an subtentorial ur midamoSi
- \\ \\ mrgval i an oval uri formis kera, romel ic Tavisi aqsial uri RerZiT gverdiTi parkuWis mimarT paral el uradaa ganl agebul i.

- \\ \\ \\ b.m.r-ze dazianebis 'tipiur" gamovl inebas gafantul i skl erozis dros warmoadgens:

- \\ \\ momatebul i signal i T-2 reJimSi
  - \\ \\ \\ momatebul i signal i T-1reJimSi
- \\ \\ aqtiuri dazianebis ubnebSi gadol iniumiT signal is daqveiTeBa
- \\ \\ daqveiTebul i signal i T2-reJimSi.

- \\ \\ \\ gafantul i skl erozis dros Tav-zurgtvinis siTxeSi yvel aze xSiria :

- \\ \\ mononukl euri pl eocitozi
- \\ \\ ol igokl onuri zol ebi
- \\ \\ IgG-is intraTekal uri sinTezi
- \\ \\ yvel a zemoTCamoTvl il i

- \\ \\ \\ gafantul i skl erozis recidivis mkurnal oba gul isxmobs:

- \\ \\ antibiotikebis gamoyenebas
- \\ \\ neirol eptikebis gamoyenebas
- \\ \\ pl azmaferezs
- \\ \\ kortikosteroidebis gamoyenebas

- \\ \\ \\ gafantul i skl erozis remisiis paTogenezuri mkurnal oba gul isxmobs :

- \\ \\ beta-interferonebis gamoyenebas
- \\ \\ antikonvul santebis gamoyenebas
- \\ \\ kal ciumis antagonistebis gamoyenebas
- \\ \\ antibiotikebis gamoyenebas

- \\ \\ \\ gafantul i skl erozis SedarebiT karg prognozze miuTitebs:

- \\ \\ moZraobis siznel eebi
- \\ \\ naTxemis simptomatika
- \\ \\ mxedvel obis darRvevei
- \\ \\ yvel a zemoT CamoTvl il i

- \\ \\ \\ gafantul i skl erozis SedarebiT cud prognozze miuTitebs:

- \\ \\ mxedvel obis darRvevebi
- \\ \\ sensorul i probl emebi
- \\ \\ naTxemis simptomatika
- \\ \\ yvel a zemoT CamoTvl il i

- \\ \\ \\ gafantul i skl erozis SedarebiT karg prognozze miuTitebs :

- \\ \\ moZraobis siznel eebi
- \\ \\ sensorul i probl emebi
- \\ \\ naTxemis simptomatika

\\ yvel a zemoT CamoTvl il i

\\\ mwvave diseminirebul i encefal omiel iti Cveul ebriv mosdevs:  
\\ did general izebul gul yras  
\\ kortikobazal ur degeneracias  
\\ infeqciur daavadebas  
\\ tranzitorul iSemiur Setevas.

\\\ mwvave diseminirebul i encefal omiel iti viTardeba:  
\\ adreul asakSi  
\\ 20-40 w. asakSi  
\\ 50 wl is zeviT  
\\ nebismier asakSi

\\\ mwvave diseminirebul i encefal omiel itis dros I iqvorSi vl indeba:  
\\ gl ukozis Semcveobis momateba  
\\ pol imorfonukl euri pl eocitozi  
\\ cil is Semcvel obis dakl eba  
\\ yvel a zemoT CamoTvl il i

\\\ mwvave diseminirebul i encefal omiel itis mkurnal obisaTvis iyeneben:  
\\ kortikosteroides  
\\ antikonvul santebs  
\\ imunostimul atorebs  
\\ vazoaqtiur preparatebs.

\\\ ganiv miel its axasiaTebS :  
\\ srul i parapl egia da anesTezia  
\\ hemipl egia da hemianesTezia  
\\ al ternaciul i sindromi  
\\ arcerTi zemoT CamoTvl il i.

\\\ pirvel adi Tavis tkivil i moicavs:  
\\ Tavis tkivil i, ganpirobepul i subdurul i hematomiT.  
\\ Tavis tkivil i, ganpirobepul i arteriitiT  
\\ kl asterul i Tavis tkivil i  
\\ Tavis tkivil i, ganpirobepul i arteriis ganSrevebiT

\\\ Sakikis kriteriumberia:  
\\ ormxrivi moWeriTi tipis Tavis tkivil i  
\\ Sromisunarianoba ar aris daqveiTebul i  
\\ ar axasiaTebS gul isreva da Rebineba  
\\ pul sirebul i xasiaTis Tavis tkivil i

\\\ Sakikis diagnostikuri kriteriumberia:  
\\ difuzuri moWeriTi tipis Tavis tkivil i  
\\ gul isreva da Rebineba  
\\ ar axasiaTebS foto-fonofobia  
\\ ar axasiaTebS Sromisunarianopbis mkveTri daqveiTeBa.

- \\ \\ Sakikis diagnostikuri riteriameba:
- \\ cal mxrivi pul sirebul i xasiTis Tavis tkivil i
- \\ ar axsiaTebS foto-fonofbia
- \\ ar axasiaTebS gul isreva da Rebineba
- \\ ar axasiaTebS Sromisunarianobis mkveTri daqveiTeba

- \\ \\ Sakiki upiratesad iwyeba:
- \\ pubertantul peroidSi
- \\ 5-10 wl is asakSi.
- \\ 20-30wl is asakSi
- \\ 50 wl is Semdeg

- \\ \\ Sakikis Seteva grZel deba:
- \\ 1/2-1 saaTi
- \\ 2-3 saaTi
- \\ 4-72 saaTi
- \\ 15 wuTi

- \\ \\ aura Sakikis dros grZel deba:
- \\ >5<60 wuTi
- \\ 60-90 wuTi
- \\ 90-120 wuTi
- \\ 120-160 wuTi

- \\ \\ Sakiki auriT iwodeba im SemTxvevaSi, Tu :
- \\ Setevas Tan erTvis fokal uri nevrologiuri simptomebi
- \\ Tavis tkivil s win uZRvis gardamaval i fokal uri simptomebi
- \\ Tavis tkivil is Setevis Semdeg viTardeba gardamaval i fokal uri nevrologiuri simptomatika.
- \\ Tavis tkivil is dasrul ebis Semdeg viTardeba fokal uri nevrologiuri nisnebi.

- \\ \\ bavSvTa asakis Sakikis prekursoradaa aRiarebul i :
- \\ gardamaval i hemipl egia.
- \\ bavSvTa asakis keTil Tvisebiani paroqsimul i Tavbruxveva
- \\ gardamaval i amavrozi
- d. I ogonevrozi

- \\ \\ Sakikis statusad iwodeba mdgomareoba, rodesac Tavis tkivil i, miuxedavad Catarebul i mkurnal obisa, grZel deba :
- \\ 2-8 saaTi
- \\ 12-16- saaTi
- \\ 20-36 saaTi
- \\ 72 saaTze met xans

- \\ \\ Tavis tkivil is mqone pacientebSi neirovizual izaciis warmoeba aucil ebel ia im SemTxvevaSi, rodesac:
- \\ Tavis tkivil is anamnezi 5 wel ia
- \\ rodesac adgil i aqvs 40 wl is asaks zemoT Sakikis pirevel manifestacias.
- \\ rodesac Setevas Tan axl avs gul isreva da Rebineba

\\ rodesac Tavis tkivil i dakavSirebul ia menstrual ur cikli Tan

\\ \\ Sakikis Setevis kupirebisTvis iyeneben:

\\ acetil sal icil is mJava-1000 mg

\\ betabl okerebis j gufis preparatebs

\\ kal ci-antagonistebs

\\ axal i Taobis cefal osporinebs.

\\ \\ Sakikis mkurnal obis specifiur preparatebs warmoadgenen :

\\ vazoaqtiuri preperatebi

\\ triptanebi

\\ nootropul i preparatebi.

\\ trankvil izatorebi.

\\ \\ Sakikis Seteveis sixSire asakTan erTad:

\\ matul obs

\\ kl ebul obs

\\ ar icvl eba.

\\ damokidebul ia sgesze

\\ \\ Sakikis diagnostikisTvis gadamwyveti mniSvnel oba aqvs:

\\ el eqtroencefal ografias

\\ ul trabgeriT dopl erogrfias

\\ birTvul -magnitur rezonansul i gamokvl evas

\\ eqoskopia

\\ \\ daZabvis tipis Tavis tkivil s axasiaTebis:

\\ pul sirebul i xasiaTis naxevari Tavis tkivil i

\\ mburRavi xasiaTis Tavis tkivil i, metad Tval budis areSi

\\ moWeriT i xasiaTis Tavis tkivil i, metad Subl is areSi

\\ Zl ieri, uecari Tavis tkivil i

\\ \\ daZabvis tipis Tavis tkivil s ar axasiaTebis:

\\ yru, Cafxutis zewol is SegrZneba

\\ Sromisunarianoba ar aris daqveiTebul i

\\ foto-fonofobia

\\ ar Zl ierdeba fizikuri datvirTvisas.

\\ \\ daZabvis tipis Tavis tkivil i qronikul ia, Tuki simptomatika grZel deba :

\\ TveSi 5-6 dRe

\\ TveSi 7-8 dRe

\\ TveSi 10-12 dRe

\\ TveSi 15 dReze meti

\\ \\ daZabvis tipis Tavis tkivil is gamomwvev faqtorad ar CaiTvl eba:

\\ cxel ebiT mimdinare infeqciuri daavadebebi.

\\ kunTovani paTol ogia

\\ Sokol adis an wiTel i Rvini s miReba

\\ depresia

\\ \\ epizoduri daZabul obis tipis Tavis tkivil is mkurnal obaSi ar gamoiyeneba:

\\ \\ 500-1000 mg acetil sal icil is mJava

\\ \\ 200-400 mg ibuprofeni

\\ \\ 1000-1500 mg nootropil i

\\ \\ 500 mg naproqseni

\\ \\ \\ medikamentebis Warbi moxmarebiT gamowveul i Tavis tkivil is risk- j gufs warmoadgenen :

\\ \\ hipertoni iT daavadebul i pacientebi.

\\ \\ epil efsi iT daavadebul i pacientebi.

\\ \\ Sakikiani da daZabvis Tavis tkivil is mqone pacientebi

\\ \\ nervul i sistemis demiel iniziati iT daavadebul i pacientebi

\\ \\ \\ medikamentebis Warbi moxmarebiT gamowveul i Tavis tkivil is diagnozis dasma ukve SesaZl ebel ia im SemTxvevaSi, Tu Tavis tkivil is mqone pacienti iyenebs anal geziur saSual ebebs TveSi :

\\ \\ > 5 dRe/

\\ \\ >10 dRe

\\ \\ >20 dRe

\\ \\ >25 dRe

\\ \\ \\ medikamentebis Warbi moxmarebiT gamowveul i Tavis mkurnal oba i wyeba :

\\ \\ Sardmdenebis dani Svi iT

\\ \\ nootropul i preparatebis didi dozi iT gamoyenebi iT

\\ \\ preparatis erTbaSad moxsi iT

\\ \\ anal geziuri saSual ebebis dozis gazrdi iT.

\\ \\ \\ trigeminul nevrul giis axasiaTebis :

\\ \\ moWeriTi xasiaTis tkivil i Subl is areSi

\\ \\ mwvave gamWol i xasiaTis tkivil i samwvera nervis totebis sainervacio areSi.

\\ \\ pul sirebul i xasiaTis naxevari Tavis tkivil i.

\\ \\ yru xasiaTis Tavis tkivil i, romel ic aRmocendeba mxol od Zil is periodSi da aRviZebs patients.

\\ \\ \\ trigeminul i simptomuri nevrul giis mizezi SeiZl eba iyos yvel aferi, garda:

\\ \\ gafantul i skl erozis

\\ \\ naTxem-xidis kuTxis simsi vneebis

\\ \\ parkinsonis daavadebis

\\ \\ Reros i Semiisa

\\ \\ \\ trigeminul i nevrul giis diagnostikuri al goriTmi Seicavs:

\\ \\ ul trasonografiul i dopl erografiis

\\ \\ birTvul -magnitur-rezonansul i gamokvl evas

\\ \\ el eqtroencefal ografias

\\ \\ I umbal ur punqcias

\\ \\ \\ trigeminul i nevrul giis mkurnal obisTvis gamoiyeneben:

- \\ antikonvul santebs.
- \\ neirologiur saSul abebes
- \\ beta-bl okatorebs
- \\ kal ciumis antagonisteb.

- \\ \\ kl asterul i Tavis tkivil i aRmocendeba:
- \\ bil ateral urad
- \\ icvl is mxareobas.
- \\ mudmivad erTi da igive mxares.
- \\ kefis midamoSi

- \\ \\ kl asterul i tipis Tavis tkivil i Tanxl ebul ia yvel a qvemoT CamoTvl il i simptomebiT, garda:
- \\ uxvi cremi dena
- \\ koniuqtivis iniciireba
- \\ yl apvis gaZnel eba
- \\ rinorea

- \\ \\ kl asterul i tipis Tavis tkivil s axasiaTeb:
- \\ tkivil is dawyebamde ramdenime wuTiT adre brWyvial a wertil ebis aRmocenebas mxedvel obis areSi
- \\ hemihipestezia tkivil is kontrl ateral ur mxares.
- \\ rinorea tkivil is kontrl ateral ur mxares.
- \\ cremi dena ifsil ateral ur mxares.

- \\ \\ kl asterul i tipis Tavis tkivil s axasiaTeb:
- \\ rinorea kontrl ateral ur mxares,
- \\ ftozi ifsil ateral ur mxares
- \\ cxviris I orwovanis SeSupeba kontrl ateral ur mxares
- \\ SeuCerebel i pirRebineba

- \\ \\ kl asterul i tipis Tavis tkivil is dros pacienti:
- \\ wevs mSvidad da iZinebs.
- \\ urCevnia gaagrZel os Cveul i saqmianoba.
- \\ tkivil isagan Tavis kedel s axl is.
- \\ arcerTi zemoT CamoTvl il i

- \\ \\ kl asterul i tipis Tavis tkivil is triggerul faqtorebs warmoadgens:
- \\ ReWva an piri gaparsva
- \\ SimSil i
- \\ yvel is an Sokol adis miReba
- \\ nikotini da al kohol i.

- \\ \\ kl asterul i tipis Tavis tkivil i atrebs:
- \\ moWerIT saxiaTs
- \\ mburRav xasiaTs
- \\ denis dartyms xasiaTs
- \\ ul sirebul xasiaTs

- \\ \\ I asterul i tipis Tavis tkivil is atipiuri mimdinareobisas saWi roa:

- \\ ul trabgeriTİ dopl erografiul i gamokvl eva
- \\ el eqtroencefal ografia
- \\ neirovizual izacia da l i qvoris gamokvl eva.
- \\ arcerTi zemod CamoTvl il i

- \\ \\ qronikul i paroqsizmul i hemikrania grZel deba;
- \\ 2-45 wuTi
- \\ 1-1,5 saaTi
- \\ 4-12 saaTi
- \\ 4-72 saaTi

- \\ \\ kl asterul i tipis Tavis tkivil is profil aqtikur mkurnal obaSi iyeneben
- \\ 25-100 mg metoprol os an 20-80 mg propranol ol s
- \\ 5-10 mg fl unarizins.
- \\ verapamil s 40dan- 240 mg-mde
- \\ venl afl aqsins 37,5-75 mg

- \\ \\ 44 wl is mamakacs uecrad ganuviTarda Tavis tkivil i, gul isreva, mraval j eradi Rebineba. stacionarSi moTavsda dagvi anebi T, 5 dRis Semdeg. Catarebul i kt kvl eviT sisxl Caqcevis verificireba ver moxerxda. qvemoT CamoTvl il Tagan, romel i gamokvl eva unda Catar des subaraqnoidul i sisxl Caqcevis gamovl enis mizni T:

- \\ ganmeorebiTi kt gamokvl eva
- \\ l umbal uri punqcia
- \\ Tavis tvinis mrt gamokvl eva
- \\ Tavis tvinis sisxl ZarRvTa dopl erografia

- \\ \\ l i qvorSi sisxl is arseboba damaxasiaTebel ia:
- \\ meningi tisaTvis
- \\ subaraqnoidul i sisxl CaqcevisaTvis
- \\ epil efsiuri statusisaTvis
- \\ iSemiuri insul tisaTvis

- \\ \\ subaraqnoidul i sisxl Caqcevis diagnostikis oqros standart s warmoadgens

- \\ Tavis tvinis kt gamokvl eva
- \\ l umbal uri punqcia
- \\ Tavis tvinis mrt gamokvl eva
- \\ Tavis tvinis sisxl ZarRvTa dopl erografia

- \\ \\ parkiseburi anevrizmebis verifikaciis yvel aze Rirebul meTods warmoadgens:

- \\ Tavis tvinis kt gamokvl eva
- \\ cerebrul i angiografia
- \\ Tavis tvinis mrt gamokvl eva
- \\ Tavis tvinis sisxl ZarRvTa dopl erografia

- \\ \\ anevrizmul i subaraqnoidul i sisxl Caqcevis garTul ebas ar warmoadgens:



- \\ cerebrul i vazospazmi
- \\ mwvave okl uzuri hidrocefal ia
- \\ rehemoragia
- \\ tvinis qsovil is abscidireba

\\ \\ subaraqnoidul i sisxl Caqcevis dros cerebrul i vazospazmis  
Sesafasebl ad romel i meTodi gamoiyeneba kl inikaSi?

- \\ Tavis tvinis kt gamokvl eva
- \\ I umbal uri punqcia
- \\ Tavis tvinis mrt gamokvl eva
- \\ Tavis tvinis sisxl ZarRvTa dopl erografia

\\ \\ mwvave okl uzuri hidrocefal iis samkurnal od mowodebul ia:

- \\ osmodiuretikebiT mkurnal oba
- \\ dekompresiul i kranioeqtomia
- \\ ventrikul uri drenaJi
- \\ ganmeorebiTi I umbal uri punqcia

\\ \\ arteriul i anevrizmebis mkurnal oba xorciel deba:

- \\ konservatul i TerapiiT
- \\ bal onuri angiopl astikiT
- \\ anevrizmis kl ipirebiTa an endovaskul uri embol izaciiT
- \\ Eendartereqtomi iT

\\ \\ endovaskul uri embol izacia gul isxmobs:

- \\ anevrizmis kl ipirebas
- \\ bal onur angiopl astikas
- \\ anevrizmis parkSi pl atinis wvriI i mavTul ebis Seyvanas
- \\ bypass-qi rurgias

\\ \\ tvinis parkuWebSi sisxl Caqcevis garTul ebas warmoadgens:

- \\ venuri Trombofl ebiti
- \\ mwvave hidrocefal ia
- \\ teritoriul i infarqtis Camoyal ibeba
- \\ epidurul i hematomis formireba

\\ \\ arterio-venuri mal formaciis verifikaciis yvel aze Rirebul  
meTods warmoadgens:

- \\ Tavis tvinis kt gamokvl eva
- \\ cerebrul i angiografia
- \\ Tavis tvinis mrt gamokvl eva
- \\ Tavis tvinis sisxl ZarRvTa dopl erografia

\\ \\ kavernoZul i sinusTrombozi xasiaTdeba:

- \\ ormxrivi Tal amuri infarqtiT
- \\ sensomotorul i afaziiT
- \\ tetrapareziT
- \\ qemoziT da egzoftal miT, me-3, 4, 6 da me-5 wyvil is Tval budis totis dazianebiT

\\ \\ \\ mkurnal obis oqros standartis Tavis tvinis venebis Trombozis dros warmoadgens:

- \\ heparinoTerapia
- \\ dezagregantebi
- \\ kal ciumis antagonistebi
- \\ osmodiuretikebi

\\ \\ \\ Tavis tvinis venebis Trombozis dros diagnostikis qvakuTxeds warmoadgens:

- \\ Tavis tvinis kt gamokvl eva
- \\ I umbal uri punqcia
- \\ Tavis tvinis magnitur-birTvul i venografia
- \\ Tavis tvinis sisxl ZarRvTa doplerografia

\\ \\ \\ adamkeviCis didi fesvobrivi arteria Sedis spinal ur arxSi

- \\ C5-C6 mal ebis doneze
- \\ Th3-Th4 mal ebis doneze
- \\ L5-S1 mal ebis doneze
- \\ Th 12-L2 mal ebis doneze

\\ \\ \\ wina spinal ur arteriis sairigacio zonaSi ganviTarebul i insul ti xasiaTdeba:

- \\ dazianebis qvemoT kunT-saxsrovani da vibraciul i mgrZnobel obis dakargviT, dazianebis doneze Rrma myesovani refl eqsebis gamovardniT
- \\ radikul uri an aRmaval i xasiaTis tkivil ebiT qveda kidurebSi, uecrad ganviTarebul i para an tetrapl egiiT, arefl eqsiiT, hipotoni iT tkivil isa da temperaturul i mgrZnobel obis dakargviT, mcire menj is organoTa disfunqci iT
- \\ mxol od mcire menj is organoTa disfunqci iT
- \\ mxol od tkivil isa da temperaturul i mgrZnobel obis dakargvi T

\\ \\ \\ ukana spinal ur arteriis sairigacio zonaSi ganviTarebul i insul ti xasiaTdeba:

- \\ dazianebis qvemoT kunT-saxsrovani da vibraciul i mgrZnobel obis dakargviT, dazianebis doneze Rrma myesovani refl eqsebis gamovardniT
- \\ radikul uri an aRmaval i xasiaTis tkivil ebiT qveda kidurebSi uecrad ganviTarebul i para an tetrapl egiiT, arefl eqsiiT, hipotoni iT tkivil isa da temperaturul i mgrZnobel obis dakargviT, mcire menj is organoTa disfunqci iT
- \\ mxol od mcire menj is organoTa disfunqci iT
- \\ mxol od tkivil isa da temperaturul i mgrZnobel obis dakargvi T

\\ \\ \\ mozdil Ta nevrologiur daavadebaTa Soris yvel aze gavr cel ebul paTol ogias warmoadgens:

- \\ epil efsia
- \\ Tavis da zurgis tvinis simsi vneebi
- \\ cerebrovaskul uri daavadebebi
- \\ cns-s travmebi

\\ \\ \\ termini insul ti gul isxmobs

- \\ mwvaved ganviTarebul kardiol ogiur paTol ogias

- \\ mwwaved ganviTarebul nevrol ogiur deficits
- \\ \\ gronikul ad ganviTarebul nevrol ogiur deficits
- \\ \\ infeqciuri agentis mier gamowveul mwwave nevrol ogiur deficits

- \\ \\ \\ insul tis mizezs ar warmoadgens
- \\ \\ Trombozi
- \\ \\ embol ia
- \\ \\ sisxl ZarRvis ganSreveba
- \\ \\ gadaRI a

- \\ \\ \\ wiTel i infarqti viTardeba
- \\ \\ embol uri xasiaTis insul tis dros
- \\ \\ I akunuri sindromis SemTxvevaSi
- \\ \\ subarqnoidul i sisxl Caqcevis
- \\ \\ subdurul i hematomebis dros

- \\ \\ \\ insul tis sixSire Seadgens
- \\ \\ 100/100 000 mosaxl eze
- \\ \\ 200/100 000 mosaxl eze
- \\ \\ 50/100 000 mosaxl eze
- \\ \\ 300/100 000 mosaxl eze

- \\ \\ \\ vertebrul i arteriebi gamoeyofa:
- \\ \\ gareTa saZil e arterias
- \\ \\ SigniTa saZil e arterias
- \\ \\ I aviwqveSa arterias
- \\ \\ aortas

A

- \\ \\ \\ tvinis wina cirkul acias qmnis:
- \\ \\ tvinis wina, wina SemaerTebel i da Sua arteriebi
- \\ \\ tvinis ukanaSemaerTebel i da tvinis ukana arteriebi
- \\ \\ tvinis wina da Sua arteriebi
- \\ \\ .tvinis ukana arteriebi

- \\ \\ \\ tvinis Sua arteria amaragebs sisxl iT:
- \\ \\ Rerosa da naTxems
- \\ \\ mogrZo tvinis dorsal ur zedapirs
- \\ \\ kefis wil ebsa da safeTql is wil ebis qveda xveul s
- \\ \\ Subl is wil is, safeTql isa da Txemis I ateral ur zedapirs, metyvel ebis zonebs,

- \\ \\ \\ I entikul ostriatul i arteriebi warmoadgens
- \\ \\ Sua cerebrul i arteriis Rrma mapenetrirebel totebs
- \\ \\ ukana arteriis totebs
- \\ \\ bazil arul i arteriis mokl e Semomxvev totebs
- \\ \\ bazil arul i arteriis grZel Semomxvev totebs

- \\ \\ \\ tvinis wina arteria amaragebs sisxl iT:
- \\ \\ Subl is wil ebs, korZiani sxgul is muxl s, gverdiTi parkuWis wina rqebsa da kudiani birTvebis zeda nawil s
- \\ \\ mogrZo tvinis dorsal ur zedapirs

- \\ kefis wil ebsa da safeTql is wil ebis qveda xveul s
- \\ Subl is wil is, safeTql isa da Txemis l ateral ur zedapirs, metyvel ebis zonebs.

- \\\ naTxemis qveda ukana arteria amaragebs sisxl iT:
- \\ Tal amuss
- \\ mogrZo tvins, naTxemis qveda nawil ebs.
- \\ kefis wil ebsa da safeTql is wil ebis qveda xveul s
- \\ Subl is wil is, safeTql isa da Txemis l ateral ur zedapirs, metyvel ebis zonebs

- \\\ l akunuri infarqti viTardeba:
- \\ msxvil i sisxl ZarRvebis okl uziis Sedegad
- \\ ori an meti sisxl ZarRvis sairigacio ubnebis sazRvarze
- \\ tvinis Rrma,mcire diametris mapenetrirebel i arteriebis sairigacio ubnebSi ganviTarebul i iSemiis Sedegad
- \\ sisxl ZarRvTa ganSrevebis Sedegad

- \\\ total uri teritoriul i infarqti viTardeba
- \\ tvinis msxvil i sisxl ZarRvebis ZiriTadi Reros embol iis an okl uziis Sedegad
- \\ ori an meti sisxl ZarRvis sairigacio ubnebis sazRvarze
- \\ tvinis Rrma,mcire diametris mapenetrirebel i arteriebis sairigacio ubnebSi ganviTarebul i iSemiis Sedegad
- \\ subdurul i hematomis dros

- \\\ mosazRvre sairigacio zonebis infarqti viTardeba:
- \\ tvinis msxvil i sisxl ZarRvebis ZiriTadi Reros embol iis an okl uziis Sedegad
- \\ ori an meti sisxl ZarRvis sairigacio ubnebis sazRvarze
- \\ tvinis Rrma,mcire diametris mapenetrirebel i arteriebis sairigacio ubnebSi ganviTarebul i iSemiis Sedegad
- \\ sisxl ZarRvTa ganSrevebis Sedegad

- \\\ mcire insul ts axasiaTebS:
- \\ kl inikuri simptomebis ukuganviTareba debiutidan 24 saaTSi
- \\ 7 dRis ganmavl obaSi nevrol ogiuri simptomatikis ukuganviTareba
- \\ kl inikuri gamovl inebebi rCeba xangrZl ivi drois ganmavl obaSi
- \\ kl inikuri gamovl inebebi xSirad permanentul xasiaTs Rebul oben.

- \\\ tranzitorul iSemiur Setevas axasiaTebS:
- \\ kl inikuri simptomebis ukuganviTareba debiutidan 24 saaTSi
- \\ 7 dRis ganmavl obaSi nevrol ogiuri simptomatikis ukuganviTareba
- \\ kl inikuri gamovl inebebi rCeba xangrZl ivi drois ganmavl obaSi
- \\ kl inikuri gamovl inebebi xSirad permanentul xasiaTs Rebul oben.

- \\\ wina cerebrul i arteriis dazianeba iwvevs:
- \\ sensomotorul hemiparezs fexis upiratesi dainteresebi T
- \\ kontral ateral ur hemipl egias, Tanxl ebul s hemisensorul i deficiTiT, homonimur hemianofsias, umaRl esi qerqul i funqciebis dazianebas (afazia, gnostikuri darRvevebi)

- \\ val enbergis sindromis ganvi Tarebas
- \\ tetrapl egias, kraniul i nervebis dazianebas, cnobierebis daTrgunvas

\\ \\ Sua cerebrul i arteriis dazianeba iwvevs:

- \\ \\ sensomotorul hemiparezs fexis upiratesi dai nteresebi T
- \\ \\ kontral ateral ur hemipl egias, Tanxl ebul s hemisensorul i deficit iT, homonimur hemianofsi as, umaRI esi qerqul i funqciebis dazianebas (afazia, gnostikuri darRvevebi)
- \\ \\ val enbergis sindromis ganvi Tarebas
- \\ \\ tetrapl egias, kraniul i nervebis dazianebas, cnobierebis daTrgunvas

\\ \\ naTxemis ukana qveda arteriis dazianeba iwvevs:

- \\ \\ sensomotorul hemiparezs fexis upiratesi dai nteresebi T
- \\ \\ kontral ateral ur hemipl egias, Tanxl ebul i hemisensorul i deficit iT, homonimur hemianofsi as, umaRI esi qerqul i funqciebis dazianebas (afazia, gnostikuri darRvevebi)
- \\ \\ val enbergis sindromis ganvi Tarebas
- \\ \\ tetrapl egias, kraniul i nervebis dazianebas, cnobierebis daTrgunvas

\\ \\ bazil arul i arteriis okl uzia iwvevs:

- \\ \\ sensomotorul hemiparezs fexis upiratesi dai nteresebi T
- \\ \\ kontral ateral ur hemipl egias, Tanxl ebul i hemisensorul i deficit iT, homonimur hemianofsi as, umaRI esi qerqul i funqciebis dazianebas (afazia, gnostikuri darRvevebi)
- \\ \\ val enbergis sindromis ganvi Tarebas
- \\ \\ tetrapl egias, kraniul i nervebis dazianebas, cnobierebis daTrgunvas

\\ \\ val enbergis sindromi moicavs:

- \\ \\ sensomotorul hemiparezs fexis upiratesi dai nteresebi T
- \\ \\ kontral ateral ur hemipl egias, Tanxl ebul i hemisensorul i deficit iT, homonimur hemianofsi as, umaRI esi qerqul i funqciebis dazianebas (afazia, gnostikuri darRvevebi)
- \\ \\ Tavbrusxvevas, nistagms, gul isreva-Rebinebas, dazianebis mxares horneris sindroms, me-9, me-10 kraniul i nervebis dazianebas, ki durebis ataqsias, saxeze mgrZnobel obis darRvevi T, kontral ateral ur ad hemi hi pesTezias
- \\ \\ tetrapl egias, kraniul i nervebis dazianebas, cnobierebis daTrgunvas

\\ \\ Caketil i kacis sindromi vi Tardeba:

- \\ \\ orive wina arteriis okl uziis Sedegad
- \\ \\ Sua cerebrul i arteriis dazianebis Sedegad
- \\ \\ bazil uri arteriis okl uziis dros
- \\ \\ tvinis ukana arteriis dazianebis as

\\ \\ akinetiuri mutizmi vi Tardeba:

- \\ \\ orive wina arteriis okl uziis Sedegad
- \\ \\ Sua cerebrul i arteriis dazianebis Sedegad
- \\ \\ bazil uri arteriis okl uziis dros
- \\ \\ tvinis ukana arteriis dazianebis as

\\ \\ Caketil i kacis sindromi moicavs:

\\ \\ tetrapl egias, am dros kranial uri inervacia Senaxul ia  
\\ \\ tetrapl egias, raniul i nervebis dazianebas, vertikal uri da  
horizontal ur cqeris parezs, disfagias, anarTrias, Seucvl el i  
cnobierebis fonze

\\ \\ sensomotorul hemiparezs fexis upiratesi dainteresebiT  
\\ \\ kontral ateral ur hemipl egias, Tanxl ebul s hemisensorul i  
deficitiT, homonimur hemianofsias, umaRI esi qerqul i funqciebis  
dazianebas (afazia, gnostikuri darRvevebi)

\\ \\ tvinis Reros al ternaciul i sindromebi viTardeba:

\\ \\ SigniTa saZil e arteriis okl uziis Sedegad

\\ \\ wina cerebrul i arteriis dazianebisas

\\ \\ ukana cirkul aciis insul tebis dros

\\ \\ Tval budis arteriis dazianebisas

\\ \\ deJerin-rusis Tal amuri sindromi moicavs:

\\ \\ sensomotorul hemiparezs fexis upiratesi dainteresebiT

\\ \\ kontral ateral ur hemipl egias, Tanxl ebul s hemisensorul i  
deficitiT, homonimur hemianofsias, umaRI esi qerqul i funqciebis  
dazianebas (afazia, gnostikuri darRvevebi)

\\ \\ gardamaval kontral ateral ur hemiparezs, spontanuri tkivil iT  
Tanxl ebul mkveTr sensorul deficits, ataqsiyas da homonimur  
hemianofsias makul uri mxedvel obis SenarCunebiT

\\ \\ tetrapl egias, kraniul i nervebis dazianebas, cnobierebis daTrgunvas

\\ \\ veberis sindromi moicavs:

\\ \\ gardamaval kontral ateral ur hemiparezs, spontanuri tkivil iT  
Tanxl ebul mkveTr sensorul deficits, ataqsiyas da homonimur  
hemianofsias makul uri mxedvel obis SenarCunebiT

\\ \\ dazianebis mxares mesame wyvil i nervis dambl as, kontral ateral ur  
hemiparezs

\\ \\ dazianebis mxares mesame wyvil i nervis dambl as, kontral ateral ur  
hemiparezs, hemi ataqsiyas

\\ \\ meSvide, meeqvse wyvil i nervebiss dambl as, kontral ateral ur  
hemiparezs

\\ \\ kl odis sindromi moicavs:

\\ \\ gardamaval kontral ateral ur hemiparezs, spontanuri tkivil iT  
Tanxl ebul mkveTr sensorul deficits, ataqsiyas da homonimur  
hemianofsias makul uri mxedvel obis SenarCunebiT

\\ \\ dazianebis mxares mesame wyvil i nervis dambl as, kontral ateral ur  
hemiparezs

\\ \\ dazianebis mxares mesame wyvil i nervis dambl as, kontral ateral ur  
hemiparezs, hemi ataqsiyas

\\ \\ meSvide, meeqvse wyvil i nervebis dambl as, kontral ateral ur  
hemiparezs

\\ \\ miar-gubl erisa da fovil is sindromebi moicavs:

\\ gardamaval kontral ateral ur hemiparezs, spontanuri tkivil iT  
Tanxl ebul mkveTr sensorul deficits, ataqsias da homonimur  
hemianofsiias makul uri mxedvel obis SenarCunebiT

\\ dazianebris mxares mesame wyvil i nervis dambl as, kontral ateral ur  
hemiparezs

\\ dazianebris mxares mesame wyvil i nervis dambl as, kontral ateral ur  
hemiparezs, hemi ataqsias

\\ meSvide, meeqvse wyvil i nervebis dambl as, kontral ateral ur  
hemiparezs

\\ \\ \\ avel isis sindromi moicavs:

\\ gardamaval kontral ateral ur hemiparezs, spontanuri tkivil iT  
Tanxl ebul mkveTr sensorul deficits, ataqsias da homonimur  
hemianofsiias makul uri mxedvel obis SenarCunebiT

\\ dazianebris mxares mesame wyvil i nervis dambl as, kontral ateral ur  
hemiparezs

\\ dazianebris mxares meaTe wyvil i nervis dambl as, kontral ateral ur  
hemihipesteziias

\\ meSvide, meeqvse wyvil i nervebis dambl as, kontral ateral ur  
hemiparezs

\\ \\ \\ gasperinis sindromi moicavs:

\\ gardamaval kontral ateral ur hemiparezs, spontanuri tkivil iT  
Tanxl ebul mkveTr sensorul deficits, ataqsias da homonimur  
hemianofsiias makul uri mxedvel obis SenarCunebiT

\\ dazianebris mxares mesame wyvil i nervis dambl as, kontral ateral ur  
hemiparezs

\\ dazianebris mxares mexuTe, meeqvse, meSvide, merve wyvil i nervebis  
dambl as, kontral ateral ur hemihipesteziias

\\ meSvide, meeqvse wyvil i nervebis dambl as, kontral ateral ur  
hemiparezs

\\ \\ \\ tvinis ukana arteriis qerqul i totebis dazianeba iwvevs:

\\ al eqsias, anomias (amnesturi amnezia), sxvadasxva saxis vizual ur  
agnoziias, mexsierebis darRvevebs

\\ sensomotorul hemiparezs fexis upiratesi daiinteresebiT

\\ kontral ateral ur hemipl egias, Tanxl ebul s hemisensorul i  
deficitiT, homonimur hemianofsiias, umaRl esi qerqul i funqciebis  
dazianebas (afazia, gnostikuri darRvevebi)

\\ tetrapl egias, kraniul i nervebis dazianebas, cnobierebis daTrgunvas

\\ \\ \\ wmind motorul i hemiparezi moicavs:

\\ mxol od mgrZnobel obis moSl as sxoul is naxevarSi

\\ izol irebul hemiparezs sxva darRvevebis gareSe

\\ sisustisa da mgrZnobel obis moSl is Tanaarsebobas sxva simptomebis  
gareSe

\\ qveda kiduris parezs, ifsil ateral ur ataqsias.

\\ \\ \\ wmind sensorul i insul ti moicavs:

\\ mxol od mgrZnobel obis moSl as sxoul is naxevarSi

\\ izol irebul hemiparezs sxva darRvevebis gareSe

\\ sisustisa da mgrZnobel obis moSI is Tanaarsebobas sxva simptomebis gareSe

\\ qveda kiduris parezs, ifsil ateral ur ataqsiას.

\\ \\ sensomotorul i insul ti moicavs:

\\ mxol od mgrZnobel obis moSI as sxeul is naxevarSi

\\ izol orebul hemiparezs sxva darRvevebis gareSe

\\ sisustisa da mgrZnobel obis moSI is Tanaarsebobas sxva simptomebis gareSe

\\ qveda kiduris parezs, ifsil ateral ur ataqsiას.

\\ \\ ataqsiuri hemiparezi moicavs:

\\ mxol od mgrZnobel obis moSI as sxeul is naxevarSi

\\ izol irebul hemiparezs sxva darRvevebis gareSe

\\ sisustisa da mgrZnobel obis moSI is Tanaarsebobas sxva simptomebis gareSe

\\ qveda kiduris parezs, isil ateral ur ataqsiას.

\\ \\ qvemoT CamoTvl il Tagan iSemiuri insul tis gamomwvevi yvel aze xSiri mizezia

\\ kardiogenul i embol ia

\\ didi arteriebis aTeroTrombozi an Tromboembol izmi

\\ mcire kal ibris arteriebis daavadeba

\\ arteriiti da arteriaTa ganSreveba

\\ \\ qvemoT CamoTvl il Tagan iSemiuri insul tis gamomwvevi yvel aze iSviaTi mizezia:

\\ kardiogenul i embol ia

\\ didi arteriebis aTeroTrombozi an Tromboembol izmi

\\ mcire kal ibris arteriebis daavadeba

\\ arteriiti da arteriaTa ganSreveba

\\ \\ qvemoT CamoTvl il Tagan, kardiogenul i embol iis gamomwvevi yvel aze xSiri mizezia:

\\ dil atirebul i mocimcime marcxena winagul i

\\ intrakardiul i simsiვne

\\ Seuxorcebel i oval uri xvrel i

\\ sinusis kvanZis sisuste

\\ \\ qvemoT CamoTvl il Tagan, kardiogenul i embol iis gamomwvevi yvel aze iSviaTi mizezia:

\\ dil atirebul i mocimcime marcxena winagul i

\\ intrakardiul i simsiვne

\\ Seuxorcebel i oval uri xvrel i

\\ gul is sarqvl ovani paTol ogia

\\ \\ paradoqsul i embol ia viTardeba:

\\ mocimcime arITmi is Sedegad

\\ miokardumis infarqtis dros

\\ infeqciuri endokarditis SemTxvevaSi



\\ Seuxorcebel i oval uri xvrel is an winagul ebis Zgidis defectis dros

\\\ giganturuj redovani arteriitis diagnozs utyuars xdis:  
\\ gardamaval i monokul uri sibrmavisa da Tavis tkivil is arseboba, maRal i eds

\\ safeTql is arteriis biofsia  
\\ angiografia  
\\ feradi ul trabgeriT i dupl eqsskenireba

\\\ fibromuskul arul i displ azia  
\\ gv xvdeba mxol od xandazmul ebSi  
\\ upiratesad mamakacebSi  
\\ angiografiul ad sisxl ZarRvs asxmul i mZivis Sesaxedaoba aqvs, ziandeba Tavis tvinis eqstakraniul i sisxl ZarRvebi  
\\ ar SeiZl eba ganixil ebodes insul tis etiol ogiur faqtorad

\\\ karotidul i da vertebrul i arteriis ganSrevebis dros xdeba-  
\\ sisxl ZarRvis sanaTurSi I ipidebis Cal ageba  
\\ anTebiTi reaqciis ganviTareba  
\\ sisxl ZarRvis kedel Si intamurul i hematomis ganviTareba da cru sanaTuris warmoqmna  
\\ sisxl zarRvis kedl is nekrozi

\\\ karotidul i da vertebrul i arteriis ganSrevebis mizezs warmoadgens -  
\\ intoqsikacia  
\\ infeqcia  
\\ travma  
\\ amfetaminebis miReba

\\\ aramodificirebadi risk-faqtorebia:  
\\ arteriul i wneva  
\\ Saqriani diabeti  
\\ Tambaqos moxmareba  
\\ asaki

\\\ modificirebadi risk-faqtorebia:  
\\ sqesi  
\\ Saqriani diabeti  
\\ memkvidreoba  
\\ asaki

\\\ tvinis qsovil is Seuqcevadi nekrozi viTardeba, Tu sisxl nakadis mocul oba Seadgens -  
\\ 50ml /100gr/wTSi qvemoT  
\\ 12ml /100gr/wTSi qvemoT  
\\ 23ml /100gr/wTSi qvemoT  
\\ 32 ml /100gr/wTSi qvemoT

\\\ normal ur pirobebSi cerebrul i sisxl nakadis mocul oba Seadgens:

- \\ 50ml /100gr/wTSi
- \\ 2ml /100gr/wTSi
- \\ 23ml /100gr/wTSi
- \\ 32 ml /100gr/wTSi

- \\ \\ \\ penambra –iSemiuri naxevarCrdil i -
- \\ \\ garSemortymul ia nekrozul i qsovil iT
- \\ \\ warmoadgens neironTa potenciurad Seqcevadi dazianebis ubans
- \\ \\ warmoadgens neironTa Seuqcevadi dazianebis ubans
- \\ \\ adreul i reperfuzia ar axdens gavl enas masze

\\ \\ \\ mwvave insul tis SemTxvevaSi pirvel i rigis radiol ogiur kvl evas warmoadgens -

- \\ \\ magnitur-rezonansul i gamokvl eva
- \\ \\ kompiuterul i tomografia
- \\ \\ intraarteriul i angiografia
- \\ \\ ul trabgeriT i dopl erografia

\\ \\ \\ intavenuri Trombol izisis gamoyeneba rekomendirebul ia -

- \\ \\ simptomebis gamovl inebidan 3-6 sT-is fargl ebSi
- \\ \\ simptomebis gamovl inebidan 6 -9sT-is fargl ebSi
- \\ \\ simptomebis gamovl inebidan 9-12 sT-is fargl ebSi
- \\ \\ simptomebis gamovl inebidan 12-24 sT-is fargl ebSi

\\ \\ \\ intavenuri Trombol izisi xorciel deba

- \\ \\ zogadi profil is intensiuri Terapiis ganyofil ebaSi
- \\ \\ insul tis centrebSi
- \\ \\ rehabil itaciur kl inikebSi
- \\ \\ ambul atoriul ad

\\ \\ \\ dekompresiul i kranieqtomia srul deba –

- \\ \\ xidis infarqtis SemTxvevaSi
- \\ \\ wina arteriis dazianebis dros
- \\ \\ total uri hemisferul i teritoriul i infarqtebis, naTxemis didi zomis infarqtebis SemTxvevaSi
- \\ \\ I akunuri insul tebis dros

\\ \\ \\ arakardiogenul i iSemiuri Setevebis dros mkurnal obisa da prevenciis oqros standart s warmoadgens –

- \\ \\ oral uri antikuagul antebi
- \\ \\ heparinoidebi
- \\ \\ dezagregantebi
- \\ \\ neiroproteqtorebi

\\ \\ \\ intracerebrul i hemoragiis yvel aze xSir mi zezs warmoadgens:

- \\ \\ arteriul i hipertenzia
- \\ \\ amil oiduri angiopaTia
- \\ \\ tvinis sisxl ZarRvTa mal formacia
- \\ \\ sisxl is Sededebis darRveva

\\ \\ \\ pirvel adi intracerebrul i hemoragia viTar deba:

- \\ travmis
- \\ koagul opaTiebis
- \\ vaskul uri mal formaciebis
- \\ qronikul i hipertenziis Sedegad

- \\ \\ yvel aze xSirad viTardeba intracerebrul i sisxl Caqceva:
- \\ naTxemSi
- \\ varol is xidSi
- \\ qerqveSa birTvebSi
- \\ subkortikul ad Subl is, safeTql is, kefis, Txemis wil ebis TeTr nivTierebaSi

- \\ \\ xidis hemoragiisaTvis damaxasiaTebel ia:
- \\ val enbergis sindromis ganviTareba
- \\ sensomotorul i hemiparezi fexis upiratesi dainteresebiT
- \\ kontral ateral uri hemipl egia, Tanxl ebul i hemisensorul i deficiTiT, homonimuri hemianofsia, umaRl esi qerqul i funqciebis dazianeba (afazia, gnostikuri darRvevebi)
- \\ tetraparezi, Tval is mamozravebel i nervebis dazianeba, qinZisTavis odena gugebi, swrafad ganviTarebul i komatozuri mdgomareoba, sunTqviTi depresia, hiperTermia, umetes SemTxvevaSi swrafi l etal uri gamosaval i

- \\ \\ naTxemis hemoragiisaTvis damaxasiaTebel ia:
- \\ tetraparezi, Tval is mamozravebel i nervebis dazianeba, qinZisTavis odena gugebi, swrafad ganviTarebul i komatozuri mdgomareoba, sunTqviTi depresia, hiperTermia, umetes SemTxvevaSi swrafi l etal uri gamosaval i
- \\ sensomotorul hemiparezi fexis upiratesi dainteresebiT
- \\ kontral ateral ur hemipl egia, Tanxl ebul i hemisensorul i deficiTiT, homonimuri hemianofsia, umaRl esi qerqul i funqciebis dazianeba (afazia, gnostikuri darRvevebi)
- \\ Zl ieri Tavis tkivil i, Tavbrusxveva, gul isreva, Rebineba, wonasworobis darRveva, ataqsia, cnobierebis daTrgunva

- \\ \\ l obal uri hemoragiebis umTavres mi zezs warmoadgens
- \\ arteriul i hipertenzia
- \\ amil oiduri angiopaTia
- \\ koagul poaTia
- \\ qal a-tvinis daxurul i travma

- \\ \\ cerebrul i amil oiduri angiopaTia metwil ad gvxdება:
- \\ axal gazrda asakSi
- \\ Suaxnis askSi
- \\ bavSvebSi
- \\ xandazmul ebSi

- \\ \\ arterio-venuri mal formaciebi metwil ad gvxdება:
- \\ axal gazrda asakSi
- \\ Suaxnis askSi
- \\ bavSvebSi

\\ xandazmul ebSi

\\ \\ travmul i intracerebrul i hematomebis yvel aze xSiri I okal izaciaa-  
\\ qerqveSa birTvebi  
\\ Txemis wil i  
\\ naTxemi  
\\ Subl isa da safeTql is wil ebi

\\ \\ Rrma venuri Trombozebis da pul monuri embol izmis profil aqtika intrakraniul i hematomebis dros xorciel deba:

\\ \\ dezagregantebiT  
\\ dabal mol ekul uri hepariniT  
\\ oral uri antikoagul antebiT  
\\ vazodil atatorebiT

\\ \\ qirurgiul i mkurnal oba naCvenebia intracerebrul i hematomebis mqone pacientebSi -

\\ \\ dabal i cnobierebis doniT, roca gl azgos komaTa skal is mixedviT cnobiereba 4 qul aze nakl ebia  
\\ mcire zomis hematomiT  
\\ Tal amuri hemoragi iT  
\\ 3 smze meti diametris naTxemis hemoragi is SemTxvevaSi

\\ \\ qirurgiul i mkurnal oba naCvenebia intracerebrul i hematomebis mqone pacientebSi -

\\ \\ dabal i cnobierebis doniT, roca gl azgos komaTa skal is mixedviT cnobiereba 4 qul aze nakl ebia  
\\ mcire zomis hematomiT  
\\ Tal amuri hemoragi iT  
\\ axal gazrda asakSi ganviTarebul i l obal uri hemoragi is SemTxvevaSi

\\ \\ yvel aze xSirad parkiseburi anevrizmebi skdeba:

\\ \\ 15-30 wl is asakSi  
\\ 35-65 wl is asakSi  
\\ 65-75 wl is asakSi  
\\ 75 wl is zemoT

\\ \\ yvel aze xSirad qvemoT CamoTvl il anevrizmaTagan gvxxvdeba:

\\ \\ SigniTa saZil e arteriis anevrizma  
\\ \\ wina-wina SemaerTebel i arteriebis anevrizma  
\\ \\ vertebro-bazil uri sistemis anevrizma  
\\ \\ tvinis Sua arteriis anevrizma

\\ \\ yvel aze iSviaTad qvemoT CamoTvl il anevrizmaTagan gvxxvdeba:

\\ \\ SigniTa saZil e arteriis anevrizma  
\\ \\ wina-wina SemaerTebel i arteriebis anevrizma  
\\ \\ vertebro-bazil uri sistemis anevrizma  
\\ \\ tvinis Sua arteriis anevrizma

\\ \\ subarqnoidual i sisxl Caqcevis simZimis xarisxi kl inikuri gamovl inebis mixedviT gani sazRvreba:

- \\ hantisa da hesis skal iT
- \\ gl azgos komaTa skal iT
- \\ fiSeris skal iT
- \\ NIH skal iT

- \\ \\ hantisa da hesis mixedviT, me-3 xarisxis simZimes Seesabameba:
- \\ stupori, gamoxatul i kerovani nevrol ogiuri niSnebi
- \\ saSual o an ZI ieri intensiobis Tavis tkivil i, kisris kunTebis rigidoba, kerovani nevrol ogiuri niSnebi ar aris
- \\ usimptomo mimdinareoba, Tavis tkivil i, kisris kunTebis msubuqi rigidoba
- \\ somnol encia, dezorientacia, minimal uri kerovani simptomatika

- \\ \\ hantisa da hesis mixedviT, me-2 xarisxis simZimes Seesabameba:
- \\ stupori, gamoxatul i kerovani nevrol ogiuri niSnebi
- \\ saSual o an ZI ieri intensiobis Tavis tkivil i, kisris kunTebis rigidoba, kerovani nevrol ogiuri niSnebi ar aris
- \\ usimptomo mimdinareoba, Tavis tkivil i, kisris kunTebis msubuqi rigidoba
- \\ somnol encia, dezorientacia, minimal uri kerovani simptomatika

- \\ \\ hantisa da hesis mixedviT, pirveli xarisxis simZimes Seesabameba:
- \\ stupori, gamoxatul i kerovani nevrol ogiuri niSnebi
- \\ saSual o an ZI ieri intensiobis Tavis tkivil i, kisris kunTebis rigidoba, kerovani nevrol ogiuri niSnebi ar aris
- \\ usimptomo mimdinareoba, Tavis tkivil i an kisris kunTebis msubuqi rigidoba
- \\ somnol encia, dezorientacia, minimal uri kerovani simptomatika

- \\ \\ .hantisa da hesis mixedviT, meoTxe xarisxis simZimes Seesabameba:
- \\ stupori, gamoxatul i kerovani nevrol ogiuri niSnebi
- \\ saSual o an ZI ieri intensiobis Tavis tkivil i, kisris kunTebis rigidoba, kerovani nevrol ogiuri niSnebi ar aris
- \\ usimptomo mimdinareoba, Tavis tkivil i, kisris kunTebis msubuqi rigidoba
- \\ somnol encia, dezorientacia, minimal uri kerovani simptomatika

- \\ \\ .hantisa da hesis mixedviT, mexuTe xarisxis simZimes Seesabameba:
- \\ stupori, gamoxatul i kerovani nevrol ogiuri niSnebi
- \\ saSual o an ZI ieri intensiobis Tavis tkivil i, kisris kunTebis rigidoba, kerovani nevrol ogiuri niSnebi ar aris
- \\ koma, decerebraciul i rigidoba
- \\ somnol encia, dezorientacia, minimal uri kerovani simptomatika

- \\ \\ kt mixedviT sisxl is dagroveba wina hemisferoTaSoris napral Si miuTitebs :
- \\ Sua arteriis anevrizmaze
- \\ wina SemaerTebel i arteriis anevrizmaze
- \\ ukana SemaerTebel i arteriis anevrizmaze
- \\ SigniTa saZil e arteriis anevrizmaze

\\ \\ kt mixedviT sisxl is dagroveba sil viis napral Si miuTiTebS :  
\\ Sua arteriis anevrizmaze  
\\ \\ wina SemaerTebel i arteriis anevrizmaze  
\\ \\ ukana SemaerTebel i arteriis anevrizmaze  
\\ \\ SigniTa saZil e arteriis anevrizmaze

\\ \\ kt mixedviT sisxl is dagroveba wina perimezencefal ur cisternaSi miuTiTebS :  
\\ \\ Sua arteriis anevrizmaze  
\\ \\ wina SemaerTebel i arteriis anevrizmaze  
\\ \\ ukana SemaerTebel i arteriis anevrizmaze  
\\ \\ SigniTa saZil e arteriis anevrizmaze

\\ \\ \\ Tavis tvinis daJeJil oba ewodeba:  
\\ \\ qal as travmis Sedegad ganviTarebul Tavis tvinis parenqimis l okal uri dazianebas  
\\ \\ qal as dazianebis Sedegad Tavis tvinis mwvave nevrologiur funqciur darRvevebs, roml ebic spontanurad ukuganviTardeba da ar aris Tanxl ebul i parenqimis organul i dazianebiT  
\\ \\ intrakraniul i hipertenziis Sedegad ganviTarebul Tavis tvinis parenqimis meoradi dazianebas  
\\ \\ epidurul hemoragias

\\ \\ \\ Tavis tvinis Seryeva ewodeba:  
\\ \\ qal as travmis Sedegad ganviTarebul Tavis tvinis parenqimis l okal uri dazianebas  
\\ \\ qal as dazianebis Sedegad Tavis tvinis mwvave nevrologiur funqciur darRvevebs, roml ebic spontanurad ukuganviTardeba da ar aris Tanxl ebul i parenqimis organul i dazianebiT  
\\ \\ intrakraniul i hipertenziis Sedegad ganviTarebul Tavis tvinis parenqimis meoradi dazianebas  
\\ \\ epidurul hemoragias

\\ \\ \\ Tavis tvinis kompresia ewodeba:  
\\ \\ qal as travmis Sedegad ganviTarebul Tavis tvinis parenqimis l okal uri dazianebas  
\\ \\ qal as dazianebis Sedegad Tavis tvinis mwvave nevrologiur funqciur darRvevebs, roml ebic spontanurad ukuganviTardeba da ar aris Tanxl ebul i parenqimis organul i dazianebiT  
\\ \\ intrakraniul i hipertenziis Sedegad ganviTarebul Tavis tvinis parenqimis meoradi dazianebas  
\\ \\ epidurul hemoragias

\\ \\ \\ tvinis travmul i dazianebis sixSi rea:  
\\ \\ 300/100 000 mosaxl eze  
\\ \\ 200/100 000 mosaxl eze  
\\ \\ 150/100 000 mosaxl eze  
\\ \\ 400/100 000 mosaxl eze

- \\ \\ \\ travmul i intrakraniul i hematomebidan yvel aze xSiria -
- \\ \\ \\ travmul i subaraqnoidul i saixl Caqceva
- \\ \\ subdurul i hematoma
- \\ \\ \\ epidurul i hematoma
- \\ \\ \\ intracerebrul i hematoma

\\ \\ \\ Tavis tvinis Seryevas axasiTebS:

- \\ \\ \\ komatozuri mdgomareoba, romel ic grZel deba ara umets erTi saaTisa da 24 sT\_is Semdeg cnobierebis done maRal ia da pacienti orientirebul ia
- \\ \\ \\ gonebis dakargva xangrZl ivia, 24sTze meti, xSirad gamoxatul ia kerovani simptomatika, zogj er epigul yrebi
- \\ \\ \\ mwvaved ganviTarebul i gonebis dakargva, romel ic grZel deba ramdenime wamidam ramdenime wuTamde, xanmokl e retrogradul i amnezia, Tavis tkivil i, gul isreva, Rebineba.
- \\ \\ \\ persistul i vegetatiuri mdgomareoba

\\ \\ \\ Tavis tvinis msubuq kontuzias axasiTebS:

- \\ \\ \\ komatozuri mdgomareoba, romel ic grZel deba ara umets erTi saaTisa da 24 sT\_is Semdeg cnobierebis done maRal ia da orientirebul ia pacienti
- \\ \\ \\ gonebis dakargva xangrZl ivia, 24sTze meti, xSirad gamoxatul ia kerovani simptomatika, zogj er epigul yrebi
- \\ \\ \\ mwvaved ganviTarebul i gonebis dakargva, romel ic grZel deba ramdenime wamidam ramdenime wuTamde, xanmokl e retrogradul i amnezia, Tavis tkivil i, gul isreva, Rebineba.
- \\ \\ \\ persistul i vegetatiuri mdgomareoba

\\ \\ \\ Tavis tvinis mZime kontuzias axasiTebS:

- \\ \\ \\ komatozuri mdgomareoba,romel ic grZel deba ara umets erTi saaTisa da 24 sT\_is Semdeg cnobierebis done maRal ia da orientirebul ia pacienti
- \\ \\ \\ gonebis dakargva xangrZl ivia, 24sTze meti, xSirad gamoxatul ia kerovani simptomatika, zogj er epigul yrebi
- \\ \\ \\ mwvaved ganviTarebul i gonebis dakargva, romel ic grZel deba ramdenime wamidam ramdenime wuTamde, xanmokl e retrogradul i amnezia, Tavis tkivil i, gul isreva, Rebineba.
- \\ \\ \\ cnobierebis maRal i done

\\ \\ \\ postkomociuri sindromis tipiur gamovl inebebs miekuTvneba:

- \\ \\ \\ vegetatiuri da fsiquri simptomebi, advil ad daRl a, ofl ianoba, uZil oba, Tavbrusxveva, emociuri l abil oba
- \\ \\ \\ persistul i vegetatiuri mdgomareoba
- \\ \\ \\ epil efsiuri statusi
- \\ \\ \\ soporozul i mdgomareoba

\\ \\ \\ travmebis dros cnobierebis donis Sefaseba xdeba:

- \\ \\ \\ hantisa da hesis Skal iT
- \\ \\ \\ gl azgos komaTa Skal iT
- \\ \\ \\ fiSeris Skal iT

\\ NIH Skal iT

\\ \\ qal a-tvinis travmebis SemTxvevaSi posttravmul i epil efsia viTardeba:

\\ SemTxvevaTa 20 %

\\ SemTxvevaTa 10 %

\\ SemTxvevaTa 5 %

\\ SemTxvevaTa 30%

\\ \\ \\ travmul i epidurul i hematoma viTardeba:

\\ qal asa da magar garss Soris sisxl denis Sedegad

\\ magar da rbil garss Soris sisxl denis Sedegad

\\ subaraqnoidul sivrceebSi sisxl is gasvl iT

\\ parenqimaSi sisxl denis Sedegad

\\ \\ \\ travmul i subdurul i hematoma viTardeba:

\\ qal asa da magar garss Soris sisxl denis Sedegad

\\ magar da rbil garss Soris sisxl denis Sedegad

\\ subaraqnoidul sivrceebSi sisxl is gasvl iT

\\ parenqimaSi sisxl denis Sedegad

\\ \\ \\ travmul i subaraqnoidul i sisxl Caqceva viTardeba:

\\ qal asa da magar garss Soris sisxl denis Sedegad

\\ magar da rbil garss Soris sisxl denis Sedegad

\\ subaraqnoidul sivrceebSi sisxl is gasvl iT

\\ parenqimaSi sisxl denis Sedegad

\\ \\ \\ travmul i intracerebrul i hematoma viTardeba:

\\ qal asa da magar garss Soris sisxl denis Sedegad

\\ magar da rbil garss Soris sisxl denis Sedegad

\\ subaraqnoidul sivrceebSi sisxl is gasvl iT

\\ kontuziis Sedegad parenqimaSi ganviTarebul i sisxl Caqcevis gamo

\\ \\ \\ epidurul i sisxl denis dros naCvenebia:

\\ swrafi neiroqirurgiul i Careva.

\\ konservatul i mkurnal oba osmodiuretikebiT

\\ neiroqirurgiul i Careva ori dRis Semdeg

\\ neiroqirurgiul i Careva erTi kviris Semdeg

\\ \\ \\ mwvave .subdurul i hematomas axasiaTebis:

\\ travmidan ramdenime kviris Semdeg Tavis tkivil i, fsiqomotorul i aqtivobis Senel eba, mnestiuri daRvevebi

\\ travmis Semdeg ramdenime saaTSi cnobierebis dakargva, hematomis mxares midriazis da kontral ateral urad hemiparezis ganviTareba

\\ travmidan ramdenime Tvis Semdeg Tavis tkivil i, fsiqomotorul i aqtivobis Senel eba, mnestiuri daRvevebi

\\ cxel eba, epigul yrebi

\\ \\ \\ epidurul i hematoma yal ibdeba:

\\ a.cerebri anterior dan sisxl denis Sedegad

\\ a.meningea media an misi romel ime totidandan sisxl denis Sedegad



- \\ a.cerebri posterior- dan sisxl denis Sedegad
- \\ a.temporalis- dan sisxl denis Sedegad

- \\ \\ xandazmul i subdurul i hematomebis gamosavl enad gamoiyeneba:
- \\ Tavis tvinis kt
- \\ magnitur-rezonansul i gamokvl eva
- \\ angiografia
- \\ el eqtroencefal ografia

- \\ \\ karotidul -sinus-kavernozul i fistul a viTardeba:
- \\ meningitebis
- \\ teritoriul i infarqtebis
- \\ encefal itebis
- \\ travmebis, upiratesad qal as fuZis motexil obis dros

- \\ \\ karotidul -sinus-kavernozul i fistul as axasiaTebis:
- \\ dazianebis mxares mesame wyvil i nervis dambl a, kontral ateral uri hemiparezi
- \\ dazianebis mxares mesame wyvil i nervis dambl a, kontral ateral uri hemiparezi, hemiataqsia
- \\ mopul sire egzofTal mi, koniuqtiviti, qemozi, saxis hiperemia, Suil i, romelic qreba homol ateral uri saZil e arteriis kompresias, me3, me4, me6 Tval is mamozravebel i nervebis dazianeba
- \\ dazianebis mxares meSvide, meeqvse wyvil i nervis dambl a, kontral ateral uri hemiparezi,

- \\ \\ travmul i karotidul -sinus-kavernozul i fistul is mkurnal obaxdeba:
- \\ Ca-antagonistebi T
- \\ fistul is Caketvi T kumSvadi bal onis meSveobi T
- \\ kl ipirebi T
- \\ endarterektomi i T

- \\ \\ karotidul i ganSrevebisatvis damaxasiaTebel ia:
- \\ val enbergis sindromi:
- \\ Tavis ZI ieri tkivil i temporal ur midamoSi, karotidinia, horneris sindromi, rasac SeiZl eba daematos kerovani simptomebic
- \\ uZl ieresi oqcipital uri tkivil ebi, gul isreva, Rebineba, ataqsia, horneris sindromi. SeiZl eba ganviTardes Reros al ternaciul i sindromebic
- \\ debiutSive komatozuri mdgomareobis ganviTareba

- \\ \\ vertebrul i ganSrevebisatvis damaxasiaTebel ia:
- \\ cxel eba, gul yraTa statusi
- \\ Tavis ZI ieri tkivil i temporal ur midamoSi, karotidinia, horneris sindromi, rasac SeiZl eba daematos kerovani simptomebic
- \\ ZI ieri oqcipital uri tkivil ebi, gul isreva, Rebineba, ataqsia, horneris sindromi. SeiZl eba ganviTardes Reros al ternaciul i sindromebic
- \\ debiutSive komatozuri mdgomareobis ganviTareba

- \\\ I iqvorea cxviridan viTardeba:
- \\ qal as fuZis I atero-bazal uri midamos motexil obis dros
- \\ qal as fronto-bazal uri motexil obis dros
- \\\ epidurul i hematomis
- \\\ subdurul i hematomis dros

- \\\ .I iqvorea yuridan viTardeba:
- \\ qal as fuZis I atero-bazal uri midamos motexil obis dros
- \\ qal as fronto-bazal uri motexil obis dros
- \\\ epidurul i hematomis
- \\\ subdurul i hematomis dros

- \\\ I iqvoreis dadgena xdeba I iqvorSi:
- \\\ cil is
- \\ gl ukozis
- \\\ eriTrocitebis
- \\\ I imfocitebis gansazRvriT

- \\\ ZiriTadi Zvl is motexil obisas xSiria:
- \\\ me-3 kranial uri nervis dazianeba
- \\\ me-4 kranial uri nervis dazianeba
- \\\ me-9 kranial uri nervis dazianeba
- \\ me-7kranial uri nervis dazianeba

- \\\ zurgis tvinis Seryeva moicavs:
- \\ zurgis tvinis funqciis darRvevas mal ebze bl agvi zewol is Sedegad
- \\ travmul dazianebas nawil obrivi medul uri disfunqci iT, ganivi dazianebiT an raSis kudis sindromiT
- \\ zewol is Sedegad zurgis tvinis, epikonosis an konosis sindromis ganviTarebas, romel ic ganpirobebul ia mal ebis motexil obiT an cervikul i spondil uri miel opaTi iT
- \\ radikul uri da medul uri simptomebis ganviTarebas

- \\\ zurgis tvinis daJeJil oba moicavs:
- \\ zurgis tvinis funqciis darRvevas mal ebze bl agvi zewol is Sedegad
- \\ travmul dazianebas nawil obrivi medul uri disfunqci iT, ganivi dazianebiT an raSis kudis sindromiT
- \\ zewol is Sedegad zurgis tvinis, epikonosis an konosis sindromis ganviTarebas, romel ic ganpirobebul ia mal ebis motexil obiT an cervikul i spondil uri miel opaTi iT
- \\ radikul uri da medul uri simptomebis ganviTarebas

- \\\ zurgis tvinis kompresia moicavs:
- \\ zurgis tvinis funqciis darRvevas mal ebze bl agvi zewol is Sedegad
- \\ travmul dazianebas nawil obrivi medul uri disfunqci iT, ganivi dazianebiT an raSis kudis sindromiT
- \\ zewol is Sedegad zurgis tvinis, epikonosis an konosis sindromis ganviTarebas, romel ic ganpirobebul ia mal ebis motexil obiT an cervikul i spondil uri miel opaTi iT
- \\ radikul uri da medul uri simptomebis ganviTarebas

- \\\ kisris mal ebis Sol tiseburi travma moicavs:
- \\\ zurgis tvinis funqciis darRvevas mal ebze bl agvi zewol is Sedegad
- \\\ travmul dazianevas nawil obrivi medul uri disfunqci iT, ganivi dazianebi T an raSis kudis sindromi T
- \\\ zewol is Sedegad zurgis tvinis, epikonosis an konosis sindromis ganvi Tarebas, romel ic ganpirobebul ia mal ebis motexil obi T an cervikul i spondil uri miel opaTi iT
- \\\ radikul ur da zogjer medul ur simptomebs

- \\\ zurgis tvinis travmul i dazianeba yvel aze xSirad vi Tardeba:
- \\\ gul mkerdis
- \\\ gavis
- \\\ qveda wel is
- \\\ kisrisa da Torako-I umbal uri gadasvl is adgil as

- \\\ Sol tiseburi travmis dros xdeba:
- \\\ tvinis Seryeva
- \\\ kisris mal ebis hipereqstenzia da hiperfl eqsia
- \\\ wel is mal ebis hipereqstenzia da hiperfl eqsia
- \\\ gul mkerdis mal ebis hipereqstenzia da hiperfl eqsia

- \\\ zurgis tvinis travmebis dros medul uri SeSupebis sawinaaRmdegod rekomendirebul ia mkurnal oba:
- \\\ manitol iT
- \\\ gl icerol iT.
- \\\ steroidebis didi dozebi T
- \\\ diakarbi T

- \\\ Ddifuzuri aqsonal uri dazianebis dros aRiniSneba :
- \\\ korZiani sxel is dazianeba, rac ganpirobebul ia namgl iseburi morCis mimarTul ebi T misi gadanacvl ebi T
- \\\ qerqveSa birTvebis upiratesi dazianeba
- \\\ naTxemis upiratesi dazianeba
- \\\ mogrZo tvinis upiratesi dazianeba

- \\\ neirodegeneraciul i daavadebebi gamovl indeba:
- \\\ ZiriTadad axal gazrda asakSi,
- \\\ ar aris asakTan asocirebul i,
- \\\ daberebasTan maTi aRmocenebis al baToba izrdeba,
- \\\ mxol od asakovan pacientebSi.

- \\\ atrofia gul isxmobs Semdegs:
- \\\ mxol od neironebis da neironul i sistemebis dakargvas,
- \\\ neironebis da neironul i sistemebis dakargvas uj redul i degradaciis produqtebis warmoqmni T,
- \\\ mxol od fibrozul i gl iozs,
- \\\ neironebis da neironul i sistemebis dakargvas, uj redul i degradaciis produqtebis gareSe umniSvnel o fibrozul i gl iozi T,
- \\\ miel inis daRupvas.

- \\ \\ \\ degeneracia gul isxmobs Semdegs:
- \\ \\ mxol od neironebis da miel inis daRupvas,
- \\ \\ neironebisa da miel inis daRupvas uj redul i degradaciis produqtebis warmoqmniS gareSe,
- \\ \\ neironebis, miel inis swrafi daRupva uj redul i degradaciis produqtebis warmoqmniT,
- \\ \\ ar aris dakavSirebul i dazianebris tempa da uj redul i sikvdil is tipebTan.

- \\ \\ \\ neirodegeneraciul daavadebas axasiaTebS Semdegi:
- \\ \\ uecari dasawyisi,
- \\ \\ premorbidSi aucil ebel ia sxva daavadebebis arseboba,
- \\ \\ nel i, progresul i gauareseba,
- \\ \\ mis kl inikur sindromol ogiaze mkveTr gavl enas axdens sezonuri kl imaturi cvl il eba

- \\ \\ \\ degeneraciul i daavadebis umTavresi niSania:
- \\ \\ ziandeba mTel i nervul i sistema,
- \\ \\ xol od Tavisa da zurgis tvinis motorul i sistema,
- \\ \\ mxol od Tavis tvini,
- \\ \\ ziandeba nervul i sistemis konkretul i neironebi da neironul i sistemebi,
- \\ \\ ar axasiaTebS anatomiurad da fiziol ogiurad dakavSirebul i neironul i sistemebis dazianeba.

- \\ \\ \\ neirodegeneraciul i daavadebebis maxasiaTebl ebia:
- \\ \\ I iqvoris Semcvel i sivrce mcirdeba,
- \\ \\ tvinis qsovil is saerTo mocul oba izrdeba,
- \\ \\ tvinis saerTo mocul oba ucvl el ia an mcirdeba,
- \\ \\ axasiaTebS dazianebul i midamos SeSupeba.

- \\ \\ \\ neirodegeneraciul i daavadebebis maxasiaTebl ebia:
- \\ \\ tvinis saerTo mocul oba izrdeba,
- \\ \\ I iqvoris Semcvel i sivrce mcirdeba,
- \\ \\ axasiaTebS dazianebul i midamos SeSupeba,
- \\ \\ I iqvoris Semcvel i sivrce izrdeba.

- \\ \\ \\ apoptozi gul isxmobs:
- \\ \\ uj redul doneze neironebis daRupvas,
- \\ \\ Tanxl ebul ia paTol ogiuri qsovil ovani reaqqiT,
- \\ \\ ar azianebs sinafsur gadacemas,
- \\ \\ ar axasiaTebS gl iuri qsovil is disfunqcia.

- \\ \\ \\ degeneraciul i daavadebebis kl asifikacia emyareba:
- \\ \\ genetikur da mol ekul ur darRvevebs,
- \\ \\ genis mutaciasTan dakavSirebul paTo-morfol ogiur cvl il ebebs,
- \\ \\ genis mutaciasTan dakavSirebul kl inikur fenotips,
- \\ \\ mxol od daavadebis kl inikur maxasiaTebl ebs.

- \\ \\ \\ progresul i demenciis sindromi (sxva kl inikuri niSnebis gareSe an minimal uri niSnebiT) axasiaTebS CamoTvl il idan erTerTs:

- \\ al chimeris daavadeba,
- \\ parkinsonis daavadeba,
- \\ torsul i distonia,
- \\ fridraixis ataqsia,
- \\ maCado-Jozefis daavadeba.

- \\ \\ progresul i demenciis sindromi (sxva kl inikuri niSnebis gareSe an minimal uri niSnebiT) axasiaTebS CamoTvl il idan erTerTs:
  - \\ araal cheimeris tipis difuzuri atrofia,
  - \\ hantiqtonis qoria,
  - \\ progresul i supranukl earul i dambI a,
  - \\ oj axuri tremori, esenciuri tremori,
  - \\ akantocituri qorea.

- \\ \\ progresul i demenciis sindromi (sxva kl inikuri niSnebis gareSe an minimal uri niSnebiT) axasiaTebS CamoTvl il idan erTerTs:
  - \\ frontotemporul i demencia,
  - \\ spino-cerebel arul i degeneracia,
  - \\ oj axuri demencia spasturi paraparezi amiotrofiiT,
  - \\ torsul i distonia,
  - \\ pirvel adi progresul i afazia.

- \\ \\ progresul i demenciis sindromi (sxva kl inikuri niSnebis gareSe an minimal uri niSnebiT) axasiaTebS CamoTvl il idan erTerTs:
  - \\ pikis daavadeba,
  - \\ hal evorden spacis daavadeba,
  - \\ gviani dasawyisis cerebel uri atrofia mari-fua-al aJuaninis,
  - \\ ol ivo-ponto-cerebel arul i ataqsia,
  - \\ gverdiTi amiotroful i skl erozi.

- \\ \\ progresul i demenciis sindromi (sxva kl inikuri niSnebis gareSe an minimal uri niSnebiT) axasiaTebS CamoTvl il idan erTerTs:
  - \\ I evis sxeul akebiani demenciis zogierTi SemTxveva,
  - \\ torsul i distonia,
  - \\ spasturi paraplegia amiotrofiis gareSe,
  - \\ sufta neirosensorul i siyrue,
  - \\ naTxemismieri kortikul i ataqsia.

- \\ \\ progresul i demenciis sindromi, TanmxI ebi sxva nevrol ogiuri gamovI inebebiT axasiaTebS CamoTvl il idan erTerTs:
  - hantiqtonis qorea,
  - \\ pikis daavadeba,
  - \\ parkinsonis daavadeba,
  - \\ al chimeris daavadeba,
  - \\ sufta neirosensorul i siyrue.

- \\ \\ progresul i demenciis sindromi, TanmxI ebi sxva nevrol ogiuri gamovI inebebiT axasiaTebS CamoTvl il idan erTerTs:
  - \\ kortiko-bazal uri degeneracia,
  - \\ fridraixis ataqsia,

- \\ gverdiTi amiotroful i skl erozi,
- \\ memkvidrul i senso-motorul i neiropaTia,
- \\ memkvidrul i spasturi parapleģia.

\\ \\ progresul i demenciis sindromi, Tanml ebi sxva nevrologiuri gamovl inebebiT axasiaTebS CamoTvl il idan erTerTs:

- \\ pirvel adi progresul i afazia,
- \\ progresirebadi bul buri dambla,
- \\ baduras pigmenturi degeneracia,
- \\ sufta neirosensorul i siyru,
- \\ I eberis memkvidrul i optikuri atrofia.

\\ \\ moZraobis da pozis darRvevis sindromi vl indeba erTerTi CamoTvl il i daavadebis dros:

- \\ al chimeris daavadeba,
- \\ pikis daavadeba,
- \\ sufta neirosensorul i siyru,
- \\ progresul i supranuklearul i dambla,
- \\ gverdiTi amiotroful i skl erozi.

\\ \\ moZraobis da pozis darRvevis sindromi vl indeba erTerTi CamoTvl il i daavadebis dros:

- \\ torsul i distonia,
- \\ maCado-Jozifis daavadeba,
- \\ spasturi parapleģia amiotrofiis gareSe,
- \\ mitoqondriul i daavadebebi,roml ebiC zogjer kl asificirdeba rogorc degeneracia,
- \\ baduras pigmenturi degeneracia.

\\ \\ progresul ataqsiebs miekuTvneba CamoTvl il Tagan erTerTi:

- \\ al chimeris daavadeba,
- \\ parkinsonis daavadeba,
- \\ dentato-rubraluri degeneracia,
- \\ spasturi parapleģia amiotrofiis gareSe,
- e baduras pigmenturi degeneracia.

\\ \\ progresul ataqsiebs miekuTvneba CamoTvl il Tagan erTerTi:

- \\ kortiko-bazaluri degeneracia,
- \\ sufta neirosensorul i siyru
- \\ fridraixis ataqsia
- \\ fronto-temporaluri demencia,
- \\ gverdiTi amiotroful i skl erozi.

\\ \\ nel a progresirebadi kunTovani sisustis da atrofiis sindromi CamoTvl il Tagan erTerTia:

- \\ I evis sxvelakebiani daavadeba,
- \\ parkinsonis daavadeba,
- \\ progresirebadi spinaluri kunTovani amiotrofia,,
- \\ baduras pigmenturi degeneracia,

\\ mitoxondrul i daavadebebi, roml ebic zogj er kl asificirdeba rogorc degeneracia.

\\ \\ CamoTvl il Tagan erTerTi nel a progresirebadi kunTovani sisustis da atrofiis sindromia:

- \\ al chaimeris daavadeba,
- \\ parkinsonis daavadeba,
- \\ fridraixis ataqsia,
- \\ gverdiTi amiotroful i skl erozi,
- \\ sufTa neirosensorul i siyrue.

\\ \\ demencia gul isxmobs:

- \\ motorul i da sensorul i funqciis darRvevas,
- \\ kognitur-mnestiuri funqciis daqveiTevas,
- \\ koordinaciis moSI as,
- \\ izol irebul i qcevis darRvevebs,
- \\ mxol od metyvel ebis moSI as.

\\ \\ procentul ad demenciis gamovl inebis al baToba metia:

- \\ axal gazrda popul aciaSi,
- \\ 60-64 wl is pirebSi,
- \\ 85 wel ze zemoT,
- \\ ar aris asakis matebasTan dakavSirebul i,
- \\ ufro xSiria maRal i intel eqtis mqone pirebSi.

\\ \\ demenciis kriteriumberia:

- \\ izol irebul i metyvel ebis darRveva,
- \\ ufro metad ziandeba xangrZI ivi mexsiereba,
- \\ vl indeba mxol od gnozisis da praqsisis darRvevebi,
- \\ mexsierebis, azrovnebis, metyvel ebis aRqmis unaris darRveva.

\\ \\ procentul ad demenciis gamomwvevi daavadebebs Soris yvel aze xSirad gvxddeba:

- \\ hantingtonis daavadeba,
- \\ cerebrul i trauma,
- \\ normotenziul i hidrocefal ia,
- \\ Tavis tvinis simsiyne,
- \\ al chaimeris daavadeba.

\\ \\ demenciis tipebs miekuTneba:

- \\ kortikul i,
- \\ supratentoriul i,
- \\ subtentoriul i,
- \\ senil uri.

\\ \\ demenciis tipebs miekuTneba:

- \\ subkortikul i,
- \\ supratentoriul i,
- \\ subtentoriul i,
- \\ suprasel arul i.

- \\ \\ kortikul demencias miekuTneba:
- \\ al chaimeris daavadeba,
- \\ parkinsonis daavadebs,
- \\ kortikul i supranukl euri damb l a,
- \\ mul ti-infarqtul i demencia.

- \\ \\ kortikul demencias miekuTneba :
- \\ fronto-temporul i demencia,
- \\ vil sonis daavadeba,
- \\ I akunuri mdgomareoba,
- \\ demencia Tal amuri degeneraci iT.

- \\ \\ subkortikul i demencias miekuTneba :
- \\ fronto-temporul i demencia,
- \\ al chaimeris daavadeba,
- \\ progresul i supranukl euri damb l a,
- \\ pikis daavadeba.

- \\ \\ subkortikul demencias miekuTneba :
- \\ pikis daavadeba,
- \\ Sids-demencia kompl eqsi,
- \\ fronto-temporul i demencia,
- \\ al chaimeris daavadeba.

- \\ \\ temporo-parietul i demenciis tipiuri niSania:
- \\ qcevis da personol ogiuri cvl il ebebi,
- \\ eqstrapiramidul i simptomebi,
- \\ dezorientacia, mexsierebis da metyvel ebis darRveva,
- \\ piramidul i simptomebi.

- \\ \\ frontal uri an frontotemporul i demenciis tipiuri niSnebia:
- \\ qceviTi da personol ogiuri cvl il ebebi,
- \\ piramidul i simptomebi,
- \\ eqstrapiramidul i simptomebi,
- \\ mexsierebis da metyvel ebis darRvevebi.

- \\ \\ subkortikul i demenciis tipiuri niSnebia:
- \\ emociuri, mexsierebis darRvevebi, eqstrapiramidul i simptomebi,
- \\ piramidul i simptomebi,
- \\ qceviTi da personol ogiuri cvl il ebebi,
- \\ angariSis da abstraqtul i amocanebis gadaWris gaZnel eba.

- \\ \\ demenciis dros aucil ebel i l aboratoriul i gamokvl evebia :
- \\ sixl is anal izi, edsi, C reaqtul i proteini,
- \\ el eqtrol ituri bal ansi da Sardis saerTo anal izi,
- \\ I ipidebis gansazRvra,
- .ekg, kardioeqskopia.

- \\ \\ demenciis dros l aboratoriul i gamokvl evebi romel sac ganapirobebs pacientis asaki an kl inikuri simptomebi :
- \\ el eqtrol ituri bal ansi da Sardis saerTo anal izi,



- \\ I iqvoris gamokvl eva,
- \\ ekg da kardiografoskopia,
- \\ mJava-tutovani wonasworobis gansazRvra.

- \\ \\ al chimeris daavadebis epidemiologia Semdegia :
- \\ 100 000 mosaxl eze 123 SemTxveva,
- \\ 50%-Si aqvs oj axuri xasiaTi,
- \\ avadoba mamakacebSi samjer ufro xSiria vidre qal ebSi,
- \\ qal ebi da mamakacebi avaddebian Tanabari sixSiriT.

- \\ \\ al chimeris daavadebis epidemiologia Semdegia :
- \\ 100 000 mosaxl eze 90 SemTxveva,
- \\ 50%-Si aqvs oj axuri xasiaTi,
- \\ avadoba qal ebSi samjer ufro xSiria vidre mamakacebSi,
- \\ qal ebi da mamakacebi avaddebian Tanabari sixSiriT.

- \\ \\ al chimeris daavadebis atvis damaxasiaTebel ia atrofia:
- \\ upiratesad Subl is, Txemisa da safeTql is wil ebis,
- \\ upiratesad kefis wil is,
- \\ mxol od kefisa da safeTql is wil ebis,
- d izol irebul ad Txemis wil is.

- \\ \\ al chimeris daavadebis mikromorfol ogiuri cvl il ebebia:
- \\ seniluri folaqebi, Nneirofibriluri wnul ebi,
- \\ neironebis granul ovakuoluri degeneracia,
- \\ Savi subsatanciis degeneracia,
- \\ al fa-sinukl einis anomal ia.

- \\ \\ al chimeris daavadebis Sesazl o risk-faqtorია:
- \\ genetikuri faqtori,
- \\ arteriული hipertanzia,
- \\ mocimcime arITmia,
- \\ gadatanili infeqcia.

- \\ \\ al chimeris daavadebis Sesazl o risk-faqtorია:
- \\ Tavis trauma,
- \\ gadatanili miokardiumis infarqti,
- \\ arteriული hipertenzia,
- \\ ganaTl ebisa da socialuri garemos dabal i done.

- \\ \\ al chimeris daavadebis RerZul i simptomia:
- \\ mexsierebis progresuli darRveva,
- \\ gnozisis darRveva,
- \\ praqsis darRveva,
- \\ eqstrapiramiduli simptomebi.

- \\ \\ al chimeris daavadebis sadiagnostiko kriteriumebია:
- \\ testirebit dadgenili epizoduri mexsierebis dazianeba, bmr  
kvl eviT hipokampis, amigdal as, entorinuli qerqis zomaSi Semcireba,
- \\ uecari dasawyisi, fokaluri nevrologiური ნიSnebi,
- \\ demencia, adreული eqstrapiramidული ნიSnebi,

\\ cerebrovaskul uri daavadebebi.

\\ \\ I evis sxeul akebiani demenciisa al chaimeris daavadebis erTerTi ganmasxvavebel i ni Sania:

\\ kognituri darRvevebis fl uqtuacia,

\\ mexsierebis darRveva,

\\ qceviTI darRvevebi,

\\ metyvel ebis moSI a.

\\ \\ I evis sxeul akebiani demencia viTardeba:

\\ xandazmul asakSi,

\\ ZiriTadad axal gazrda asakSi,

\\ 60-65 wl is asakSi,

\\ SemTxvevaTa 40%-Si adgil i aqvs oj axur SemTxvevebs.

\\ \\ frontotemporul i demenciis dros makroskopul ad vl indeba:

\\ Subl is wil ebis da/an safeTql is wil ebis atrofia,

\\ Txemisa da kefis wil ebis atrofia,

\\ izol irabul as kefis wil ebis atrofia,

\\ ara aqvs atrofiis makroskopul i paterni.

\\ \\ frontotemporul i demencia debiutSi gamovl indeba:

\\ qceviTi darRvevebiT,

\\ metyvel ebis moSI iT,

\\ gnozisis da praqsisis darRvevebiT,

\\ mexsierebisa da intel eqtis darRvevebiT.

\\ \\ al chaimeris daavadebis Semdeg demenciis yvel aze xSiri mizezia:

\\ pikis daavadeba,

\\ Tal amuri demencia,

\\ I evis sxeul akebiani demencia,

\\ sisxl ZarRvovani demencia.

\\ \\ sisxl ZarRvovani demenciisTvis aucil ebel ia Semdegi faqtorebis Tanaarseboba:

\\ demencia, dadasturebul i cererovaskul uri davadeba,

\\ demencia, mSobiarobisas dedis asaki,

\\ tvinis travma da demencia,

\\ ganaTI ebis da social uri garemos dabal i done.

\\ \\ binsvangeris daavadeba xasiaTdeba:

\\ periventrikul uri TeTri nivTierebis iSemiuri degeneraciit

\\ Subl isa da safeTql is wil ebis atrofiit

\\ kefis wil ebis atrofiit

\\ difuzuri qerqul i atrofiit

\\ \\ nebismieri genezis meningits sawyis etapze axasiaTebis:

\\ gul yra

\\ cnobierebis darRvevebi

\\ fotofobia

\\ gul isreva

\\ \\ meningitis mqone patientis stuporozul an komatozur  
mdgomareobaSi yofnisas gadaudebel amocanas warmoadgens:

\\ eeg kvl evis Catareba

\\ gamowveul i potencial ebis registrireba

\\ fokal uri nevrol ogiuri simptomebis Sefaseba

\\ neirofsiqol ogiuri kvl eva

\\ \\ neonatal uri periodis meningitis yvel aze xSiri gamomwvevia:

\\ Haemophilus influenzae

\\ Neisseria meningitides

\\ Bj gufis streptokoki

\\ Staphylococcus aureus

\\ \\ bavSvobis periodis meningitis yvel aze xSir gamomwvevs warmoadgens:

\\ Haemophilus influenzae

\\ Neisseria meningitides

\\ Bj gufis streptokoki

\\ Staphylococcus

\\ \\ mozardebis periodis meningitis yvel aze xSiri gamomwvevia:

\\ Enterobacter Pseudomonas

\\ Neisseria meningitides

\\ Bj gufis streptokoki

\\ Staphylococcus

\\ \\ Cirqovani meningitis dros I umbal uri punqciis maCvenebl ebia:

\\ wneva- 70-120 mm/vwy.sv

\\ Sesaxedaoba- opal escirebul i

\\ uj redTa tipebi-pol imorful i

\\ gl ukoza-norma

\\ \\ virusul i meningitis dros I umbal uri punqciis maCvenebl ebia:

\\ wneva- 70-120 mm/vwy.sv

\\ Sesaxedaoba-mRvrie

\\ uj redTa tipebi- pol imorful i

\\ cil a-dabal i

\\ \\ tuberkul ozuri meningitis dros I umbal uri punqciis maCvenebl ebia:

\\ wneva- 70-120 mm/vwy.sv

\\ Sesaxedaoba- mRvrie

\\ uj redTa tipebi- pol imorful i

\\ cil a- >1g/l

\\ \\ baqteriul i meningitis garTul ebebia:

\\ intraventrikul uri hemoragiebi

\\ araqnoiditi

\\ abscesi

\\ gul yrebi

\\\\ antidiurezul i hormonis araadeqvatur sekrecias garTul ebul i baqteriul i meningitis dros axasiaTebS:

- \\ sisxl is SratSi Ca<sup>++</sup> donis momateba
- \\ sisxl is SratSi Ca<sup>++</sup> donis daqvei Teba
- \\ sisxl is SratSi Na<sup>+</sup> donis momateba
- \\ sisxl is SratSi Na<sup>+</sup> donis daqvei Teba

\\\\ ventrikul itis dros garTul ebul i baqteriul i meningitis SemTxvevaSi mkurnal oba gul isxmobs:

- \\ antibiotikebis peroral urad miRebas
- \\ antibiotikebis intraventrikul ur miRebas
- \\ antibiotikebis intravenur miRebas
- \\ antibiotikebis miReba saWi ro ar aris.

\\\\ baqteriul i meningitis dros polimerazas j aWvuri reaqqi iT (PCR) xdeba:

- \\ baqteriul i antigenis aRmoCena
- \\ sisxl Si IgG – is gansazRvra
- \\ baqteriul i dnm-is aRmoCena
- \\ miel inis sawinaaRmdego autoantipseul ebis gansazRvra

\\\\ baqteriul i meningitis diagnostirebisas sisxl is kul turis gamokvl eva:

- \\ yovel Tvis dadebiTia
- \\ dadebiTia SemTxvevaTa 80-90%-Si
- \\ dadebiTia SemTxvevaTa 50%-Si.
- \\ arasdros ar aris dadebiTi.

\\\\ baqteriul i meningitis mkurnal obis pirvel etapze antibiotikis SerCeva xdeba Semdegi faqtorebis gaTval iswinebiT:

- \\ I iqvoris anal izis
- \\ gramis meTodiT SeRebvis ASedegebis
- \\ empiriul ad asakis da etiologiuri faqtorebis
- \\ antibiotikebis mimaRT mgrZnobel obis

\\\\ baqteriul i meningitis mkurnal obis efeqturobis maCvenebl ebia:

- \\ steril uri I iqvori antibiotikoTerapiis dawyebidan 48 saaTis Semdeg
- \\ steril uri I iqvori antibiotikoTerapiis dawyebidan 24 saaTis Semdeg.
- \\ citozis Semcireba 1 dRe-Ramis ganmavl obaSi
- \\ citozis Semcireba 4 dRe-Ramis ganmavl obaSi

\\\\ baqteriul i meningitis dros cudi prognozis maCvenebel ia:

- \\ pubertal uri asaki
- \\ mozdil obis periodi
- \\ gul yrebis ararseboba
- \\ xanSi Sesul i asaki

\\\\ Neisseria Meningitidis gavr cel ebis gzaa:

- \\ I imfogenuri

- \\ hematogenuri
- \\ pirdapiri SeWris gziT
- \\ haer-wveTovani

\\ \\ uoterhauz-fridreqsenis ( Waterhouse-Fridrichsen) sindroms aucil ebl ad axasiaTebS:

- \\ gul yrebi
- \\ tvinis abscesi
- \\ sisxl ZarRvSi da Sededebis sindromi
- \\ subdurul i gamonadeni

\\ \\ Streptococcus Pneumoniae-Ti gamowveul meningits axasiaTebS:

- \\ adreul stadi ebze hidrocefal iis Camoyal ibeba
- \\ adreul stadi ebze abscesis Camoyal ibeba
- \\ uoterhauz-fridreqsenis sindromiT garTul eba
- \\ xSirad mZime mimdinareoba

\\ \\ Haemophilus Influenzae- Ti gamowveul i meningiti aRini Sneba:

- \\ pubertal ur periodSi
- \\ xanSi Sesul ebSi
- \\ 4 Tvidan- 6 wl amde bavSvebSi
- \\ 9 wl idan – 14 wl amde bavSvebSi.

\\ \\ tuberkul ozuri meningitis dros uxSiresad xdeba Semdegi kraniul i nervebis kompresia:

- \\ IX wyvil i
- \\ VIII wyvil i
- \\ XII wyvil i
- \\ III wyvil i

\\ \\ tuberkul ozuri meningitis kl inikur simptomatol ogias upiratesad axasiaTebS:

- \\ swrafi progresireba
- \\ uoterhauz-fridreqsenis sindromiT garTul eba
- \\ nel i progresireba
- \\ cxel eba maRal i maCvenebl ebiT

\\ \\ tuberkul ozuri meningitis adreul etapze MRIkvl eviT ZiriTadad vl indeba:

- \\ demiel inizaciis ubnebi
- \\ Warbi vaskul arizacia
- \\ granul omatozuri dazianeba tvinis konveqsital ur zedapirze
- \\ granul omatozuri dazianeba tvinis bazal ur zedapirze

\\ \\ yvel aze xSirad sarkoidozis dros ziandeba Semdegi kraniul i nervebi:

- \\ II wyvil i
- \\ IV wyvil i
- \\ VII wyvil i
- \\ VI wyvil i

- \\ \\ yvel aze xSirad Tavis tvinis abscesi viTardeba:
- \\ safeTql is wil Si
- \\ Txemis wil Si
- \\ kefis wil Si
- \\ Subl is wil Si

- \\ \\ Tavis tvinis abscesis dros ZiriTadi Civil ia:
- \\ zurgis kunTebis tkivil i
- \\ progresul i dambl a
- \\ gul yrebi
- \\ progresul i kerovani niSnebi

- \\ \\ Tavis tvinis abscesis garTul ebebia:
- \\ antidiurezul i hormonis araadeqvaturi sekrecia
- \\ sisxl ZarRvSi da Sededebis sindromi
- \\ CaWedva
- \\ infarqti

- \\ \\ yvel aze maRal i l etal obis maCvenebl ebiT xasiaTdeba Semdegi l okal izaciis abscesi:
- \\ kefis wil Si
- \\ safeTql is wil Si
- \\ Subl is wil Si
- \\ Txemis wil Si

- \\ \\ virusul i encefal itis dros l iqvorSi aRiniSneba:
- \\ feri- qsantoqromul i
- \\ cil a odnav momatebul i
- \\ gl ukoza-dabal i
- \\ maRal i pl eocotozi

- \\ \\ virusul i encefal itis sadiagnostiko yvel aze sarwmuno meTodia:
- \\ eeg
- \\ gamowveul i potencial ebi
- \\ virusul i antigenis aRmoCena l iqvorSi
- \\ virusul i antigenis aRmoCena sisxl Si

- \\ \\ Herpes Simplex-iT gamowveul i encefal itis dros l iqvorSi aRiniSneba:
- \\ cil a odnav momatebul i
- \\ feri- qsantoqromul i
- \\ gl ukoza-dabal i
- \\ maRal i pl eocotozi
- \\ \\ Herpes Simplex-iT gamowveul i encefal itis dros MRIkvl eviT naxul oben heterodensur signal ebs ZiriTadad Semdeg struqturaSi:
- \\ kefis wil i
- \\ Rero
- \\ safeTql is wil i
- \\ Subl is wil i

\\ Herpes Simplex-iT gamowveul i encefal itis dros ZiriTad  
sadiagnostiko meTods warmoadgens:

\\ eeg

\\ emg

\\ serologia

\\ gamowveul i potencial ebis registracia

\\ Herpes Simplex-iT gamowveul i encefal itis dros mkurnal obis mizniT  
iniSneba Semdegi preparati:

\\ izoniazidi

\\ acikol oviri

\\ mesame Taobis cefal osporinebi

\\ pirazinamidi

\\ nervul i sistemis qronikul virusul infeqciebs miekuTvneba:

\\ tuberkul ozuri meningiti

\\ cofi

\\ botul izmi

\\ Sidsi

\\ Sidsis kl inikuri mimdinareobis stadiabad dayofa emyareba sisxl Si  
Semdegi faqtoris raodenobas:

\\ virusis dnm-is sawinaaRmdego antisxeul ebis titrs

\\ B l imfocitebis dones

\\ CD4 l imfocitebis dones

\\ l iqvorSi antisxeul ebis titrs.

\\ Sidsis dros nervul i sistemis dazianebis niSnebi SeiZl eba  
gamovl indes:

\\ imunodeficitis kl inikuri gamovl inebis sinqronul ad

\\ imunodeficitis kl inikur gamovl inebamde

\\ imunodeficitis kl inikuri gamovl inebis Semdeg.

\\ imunodeficitis l aboratoriul i gamovl inebisTanave

\\ Sidsis kl inikur mimdinareobaSi wamyvan nevrol ogiur sindroms  
warmoadgens:

\\ septiuri meningiti

\\ periferiul i neiropaTia

\\ neurofsiqiatriul i darRvevebi

\\ spinal uri amiotrofia

\\ aiv infeqciis dros cns-is simsivnis ZiriTadi formaa:

\\ meningioma

\\ astrocitoma

\\ medul obl astoma

\\ pirvel adi l imfoma

\\ \\ \\ qvemwvave maskl erozirebel i panencefal itis ZiriTad mizezs  
warmoadgens:

- \\ \\ mutaciuri wiTuras virusi
- \\ \\ mutaciuri ybayuras virusi
- \\ \\ mutaciuri wiTel as virusi
- \\ \\ mutaciuri Cutyvavil s virusi

\\ \\ \\ qvemwvave maskl erozirebel i panencefal itis adreul stadiaze  
procesSi erTveba:

- \\ \\ tvinis Rero
- \\ \\ Tavis tvinis gerqi
- \\ \\ Tavis tvinis TeTri nivTiereba
- \\ \\ bazal uri gangl iebi

\\ \\ \\ qvemwvave maskl erozirebel i panencefal itis mkurnal obis efeqturi  
meTodia:

- \\ \\ ar arsebobs
- \\ \\ dofaminergul i preparetebis gamoyeneba
- \\ \\ antivirusul i preparetebis gamoyeneba
- \\ \\ antibiotikebis gamoyeneba

\\ \\ \\ central uri nervul i sistemis prionul daavadebebs mi ekuTvneba:

- \\ \\ Sidsi
- \\ \\ kuru
- \\ \\ qvemwvave maskl erozirebel i panencefal iti
- \\ \\ progresul i mul tifokal uri l eikoencefal opaTia

\\ \\ \\ central uri nervul i sistemis prionul daavadebebs mi ekuTvneba:

- \\ \\ Sidsi
- \\ \\ qvemwvave maskl erozirebel i panencefal iti
- \\ \\ progresul i mul tifokal uri l eikoencefal opaTia
- \\ \\ kreicfel d-Jakobsis daavadeba

\\ \\ \\ prionebi:

- \\ \\ Sei caven wiTel as virusismagvar dnm-s.
- \\ \\ iwveven organizmis Zl ier imunur pasuxs
- \\ \\ sensitiurni arian steril izaciisadmi
- \\ \\ ar iwveven interferonebis gamomuSavebas.

\\ \\ \\ prionul i proteini ( PrP<sup>o</sup>) gv xvdeba:

- \\ \\ orive sqesis j anmrTel pirebSi
- \\ \\ mxol od daqvei Tebul i imunitetis mqone pirebSi
- \\ \\ mxol od mamakacebSi
- \\ \\ mxol od qal ebSi

\\ \\ \\ paTol ogiuri prionul i proteini PrPsc iwvevs:

- \\ \\ demiel inizaciur daavadebas
- \\ \\ neirodegeneraciul daavadebebs
- \\ \\ sixl ZarRvovan daavadebebs
- \\ \\ periferiul neiropaTiebs



- \\ \\ kreicfel d-Jakobsis daavadebis gavrcel ebis gzebia:
- \\ \\ haer-wveTovani
- \\ \\ al imenturi
- \\ \\ samedicino manipuli aciebis dros
- \\ \\ I imfogenuri

- \\ \\ kreicfel d- Jakobsis daavadebis mogvianebi T stadiებს upiratesad axasiaTebis:
- \\ \\ absansebi
- \\ \\ miokloniebi
- \\ \\ parcialuri gulyrebi
- \\ \\ eqstrapiramiduli simptomebi

- \\ \\ kreicfel d-Jakobsis daavadebis dros eeg-ზე არინიSneba:
- \\ \\ spaik-tal Rovani kompl eqsebi
- \\ \\ maxvil -tal Rovani kompl eqsebi
- \\ \\ fsevdoperioduli paternebi
- \\ \\ pol ispaikebi

- \\ \\ ojaxuri fatalური insomniis dros patologiური ცვლილებები naxul oben:
- \\ \\ tvინის ReroSi
- \\ \\ Tal amusSi
- \\ \\ safeTqლის ვილ Si
- \\ \\ ნუსიხებრ სხეულ Si

- \\ \\ postinfecიური ენცეფალიტი უარყოფითი გარემოებების:
- \\ \\ ნეიროდეგენერაციული დაავადებები
- \\ \\ ნერვული სისტემის ვირუსული დაავადებები
- \\ \\ დემიელინიზაციური დაავადებები
- \\ \\ ნერვული სისტემის პრიონული დაავადებები

- \\ \\ postinfecიური ენცეფალიტი ადრული სტადიების კლინიკური სურათის უარყოფითი:
- \\ \\ ჰიპოთერმია
- \\ \\ მადის მომატება
- \\ \\ აგზნებადობა
- \\ \\ I eTargია

- \\ \\ postinfecიური ენცეფალიტი ადრული სტადიების მკურნალობის ეფექტური საშუალებები:
- \\ \\ აციკლიოვირი
- \\ \\ მესამე ტაობის ცეფალოსპორინები
- \\ \\ სტეროიდები
- \\ \\ ინტერფერონი

- \\ \\ postinfecიური ენცეფალიტი ადრული სტადიების დროს I იკვორსი არინიSneba:
- \\ \\ ფერი-კვანტოგრომული
- \\ \\ ცილა-მომატებელი
- \\ \\ გლუკოზა-დაკვეთებელი
- \\ \\ wneva-250-700 mm/ წყ. სვ

\\ \\ \\ neirol uesi wadmoadgens:

\\ spiroqetul infeqcias

\\ baqteriul infeqcias

\\ virusul infeqcias

\\ prionul infeqcias

\\ \\ \\ sifil isuri meningiti upiratesad viTardeba daavadebis Semdeg stadiaze:

\\ \\ pirvel adi sifil isi

\\ \\ meoradi sifil isi

\\ \\ mesameul i sifil isi

\\ \\ \\ parenqimul sifil iss miekuTvneba:

\\ \\ periferiul i dambl a

\\ \\ central uri dambl a

\\ \\ progresul i dambl a

\\ \\ arc erT maTgani

\\ \\ \\ neirol uesis pirvel i gamovl inebaa:

\\ \\ virusul i encefal iti

\\ \\ qvemwavave maskl erozirebel i panencefl iti

\\ \\ meningiti

\\ \\ miel iti

\\ \\ \\ sifil isis mogvianebiTi kl inikuri sindromia:

\\ \\ meningiti

\\ \\ meningovaskul uri anTeba

\\ \\ meningomiel iti

\\ \\ \\ aqtiuri neirol uesis dros l iqvorSi aRiniSneba:

\\ \\ feri- mRvrie

\\ \\ gl ukoza-momatebul i

\\ \\ cil a momatebul i

\\ \\ uj redebi-neitrofil uri pl eocitozi

\\ \\ \\ meningovaskul uri sifil isis dros iSemiuri insul ti yvel aze xSirad viTardeba Semdeg sisxl ZarRvovan auzSi:

\\ \\ wina cerebrul i arteria

\\ \\ Sua cerebrul i arteria

\\ \\ ukana cerebrul i arteria

\\ \\ vertebro- bazil arul sistemaSi

\\ \\ \\ paretul i neirosifil isis dros gumebi upiratesad l okal izdebian

\\ \\ fronto-temporal ur areebSi

\\ \\ parieto-temporal ur areebSi

\\ \\ parieto-oqcipital ur areebSi

\\ \\ safeTql is wil ebSi

\\ \\ \\ paretul i neirosifil isis kl inikur suraTSi wamyvania:

\\ \\ gul yrebi

\\ \\ parezebi

- \\ intel eqtual uri darRvevebi
- \\ zurgis tvinis dazianebis niSnebi

- \\ \\ paretul i neirosifil isis dros MRI kvl eviT naxul oben:
- \\ Warbi vaskul arizaciis suraTs
- \\ demiel inizaciis kerebs
- \\ difuzuri qerqul i atrofiis suraTs
- \\ I akunuri darbil ebis kerebs

- \\ \\ romel i struqturis destruqcia aRiniSneba tabes dorsalis-is dros:
- \\ zurgis tvinis ukana svetebis
- \\ zurgis tvinis gverdiTi svetebis
- \\ zurgis tvinis wina svetebis
- \\ zurgis tvinis ukana rqebis

- \\ \\ tabesuri neirol usis kl inikur suraTSi wamyvania:
- \\ miokl oniebi
- \\ demencia
- \\ Rma mgrZnobel obis darRvevebi
- \\ disfonia

- \\ \\ sifil isuri meningomiel itis dros upiratesad ziandeba:
- \\ zurgis tvinis ukana svetebi
- \\ zurgis tvinis ukana rqebi
- \\ gol is gza
- \\ kortikospinal uri gza

- \\ \\ gamWol i tkivil is mkurnal oba neirol uesis dros xdeba:
- \\ bakl ofeniT
- \\ arasteroidul i antianTebiTi preparatebiT
- \\ karbamazepiniT
- \\ neirol eptikebiT

- \\ \\ ra iwvevs I aimis daavadebis ganviTarebas:

- [\\ Treponema pallidum](#)
- \\ prionul i proteini PrP<sup>o</sup>
- \\ prionul i proteini PrP<sup>sc</sup>
- \\ Borrelia burgdoferi

- \\ \\ mwvave borel iozis dros I iqvorSi aRiniSneba:
- \\ feri-mRvrie
- \\ wneva 250-700 mm/swy.sv
- \\ uj redebi-I imfocituri pl eocitozi
- \\ gl ukoza-momatebul i

- \\ \\ heine-medinis daavadebas axasiaTebis:
- \\ central uri dambl a
- \\ periferiul i dambl a
- \\ gamtarebl obiTi tipis mgrZnobel obis moSI a
- \\ segmenturi tipis mgrZnobel obis moSI a

\\ \\ periferiul i damb l a heine -medinis daavadebis dros upiratesad azianebs:

- \\ \\ zeda kidurebis distal ur segmentebs
- \\ \\ qveda kidurebis distal ur segmentebs
- \\ \\ zeda kidurebis proqsimal ur segmentebs
- \\ \\ qveda kidurebis proqsimal ur segmentebs

\\ \\ heine-medinis daavadebis dros upiratesad aRiniSneba Semdegi kraniul i nervebis dazianebs:

- \\ \\ III wyvil i
- \\ \\ IV wyvil i
- \\ \\ VII wyvil i
- \\ \\ IX wyvil i

\\ \\ heine-medinis daavadebis mkurnal obis efeqturi meTodia:

- \\ \\ acikl oviri
- \\ \\ Penniciilin G
- \\ \\ ar arsebobs
- \\ \\ inteferonebi

\\ \\ botul izmis kl inikur suraTSi wamyvania:

- \\ \\ markus-gunis guga
- \\ \\ argail -robertsonis sindromi
- \\ \\ dipl opia
- \\ \\ gertvig- maJandis sindromi

\\ \\ botul izmis dros damb l a Semdegi tipisaa:

- \\ \\ aRmaval i dune, simetriul i
- \\ \\ daRmaval i, dune, asimetriul i
- \\ \\ daRmaval i, dune, simetriul i
- \\ \\ daRmaval i, central uri, simetriul i.

\\ \\ faqtorebs, roml ebic iwveven cns-is sokovani infeqciebis ganviTarebas mi ekuTvneba:

- \\ \\ fizikuri gadaRl il oba
- \\ \\ al kohol izmi
- \\ \\ mwvave gastriti
- \\ \\ tuberkul ozi

\\ \\ sokovani meningitis garTul ebebia:

- \\ \\ abscesi
- \\ \\ sisxl ZarRvSida Sededebis sindromi
- \\ \\ hidrocefal ia
- \\ \\ antidiurezul i hormonis araadeqvaturi sekrecia

\\ \\ sokovani infeqciis mkurnal obis efeqturi saSual ebaa:

- \\ \\ Pennicillin G
- \\ \\ izoniazidi
- \\ \\ mikonazol i
- \\ \\ rocefini

- \\ \\ toqsopl azmozis dros CTkvl eviT naxul oben:
- \\ \\ demiel inazaciis kerebs
- \\ \\ qerqul atrofi ebs
- \\ \\ Warbi vaskul arizaciis suraTs
- \\ \\ intrakraniul kal cifikacias

- \\ \\ eqinokozis dros mkurnal obis meTodia:
- \\ \\ antibiotikoTerapia
- \\ \\ antivirusul i Terapia
- \\ \\ qirurgiul i Careva
- \\ \\ mkurnal obis meTodi ar arsebobs

- \\ \\ \\ gil en-bares sindromis mqone pacientTa did nawil s anamnezSi aReniSneba Semdegi daavadebis arseboba:
- \\ \\ Saqriani diabeti
- \\ \\ al kohol izmi
- \\ \\ narkomania
- \\ \\ zemo sasunTqi gzebis infeqciebi

- \\ \\ \\ gil en-bares sindromTan dakavSirebul specifikuri infeqciebia:
- \\ \\ Treponnema pallidum
- \\ \\ Borrelia burgdoferi
- \\ \\ Cytomegalovirus
- \\ \\ koqsakis A tipis virusi

- \\ \\ \\ gil en-bares sindromis Camoyal i beba SeiZi eba gamoiwvi os:
- \\ \\ botul izmis sawinaaRmdago anti toqsini s Seyvanam
- \\ \\ antitetanurma Sratma
- \\ \\ pol iomiel itis sawinaaRmdago inaqtivirebul ma vaqcinam
- \\ \\ pol iomiel itis sawinaaRmdago cocxal ma oral urma vaqcinam

- \\ \\ \\ gil en-bares sindromi debiutSi debiutSi wamyvani simptomia:
- \\ \\ paresTeziebi
- \\ \\ ataqsia
- \\ \\ hiperkinezebi
- \\ \\ gul yrebi

- \\ \\ \\ gil en-bares sindromis debiutSi wamyvani simptomia:
- \\ \\ ataqsia
- \\ \\ hiperkinezebi
- \\ \\ kidurebis sisuste
- \\ \\ gul yrebi

- \\ \\ \\ sisuste gil en-bares sindromis dros:
- \\ \\ simetriulia
- \\ \\ viTardeba, rogorc wesi, kidurTa distal uri segmentebSi
- \\ \\ viTardeba rogorc wesi, kidurTa proqsimal ur segmentebSi
- \\ \\ debiutirebs asimetriul i motorul i dazianebiT

- \\\ gil en-bares sindroms axasiaTebS:
- \\\ kidurTa asimetriul i sisute
- \\\ central uri monoparezi
- \\ paresTeziebi
- \\\ kraniul i nervebis upiratesi dazianeba

- \\\ gil en-bares sindroms axasiaTebS:
- \\\ hiperrefl eqsia
- \\\ hiperkinezebi
- \\ hiporefl qsia
- \\\ paTol ogiuri refl eqsebi

- \\\ mil er-fiSeris sindroms axasiaTebS:
- \\\ hiperrefl eqsia
- \\ ataqsia
- \\\ hiperkinezebi
- \\\ fokal uri gul yrebi

- \\\ mil er-fiSeris sindroms axasiaTebS:
- \\ arefl eqsia
- \\\ hiperkinezebi
- \\\ central uri monoparezi
- \\\ eqstapiramidul i siptomatika

- \\\ gil en-bares sindromis mkurnal obis mizniT gamoiyeneba:
- \\\ antivirusul i preparetebi
- \\\ antibiotikebi
- \\ pl azmaferezi
- \\\ citostatikebi

- \\\ gil en-bares sindromis mkurnal obis mizniT gamoiyeneba:
- \\\ antivirusul i preparetebi
- \\\ kortikosteroidebi
- \\ imunogl obul ini IgG
- \\\ antibiotikebi

- \\\ CamoTvl il idan romel i miekuTvneba bazal ur gangl iebs
- \\ kudiani birTvi
- \\\ ormucl a birTvi
- \\\ wiTel i birTvi
- \\\ cisferi l aqa

- \\\ CamoTvl il Tagan romel i miekuTvneba bazal ur gangl iebs
- \\\ dakbil ul i birTvi
- \\\ sacobisebri birTvi
- \\ CenCo
- \\\ qvemo ol ivebi

- \\\ CamoTvl il Tagan romel i miekuTvneba bazal ur gangl iebS
- \\ nazi birTvi
- \\ sol isebri birTvi
- \\ mkrTal i birTvi
- \\ meinertis birTvi

- \\\ CamoTvl il Tagan sad aris l okal izebul i Savi substancia
- \\ Sua tvinSi
- \\ varol is xidSi
- \\ mogrZo tvinSi
- \\ didi tvinis hemisferoebSi

- \\\ eqstrapiramidul i sistemis ZiriTadi mediatoria
- \\ noradrenal ini
- \\ dofamini
- \\ substancia P
- \\ serotoninini

- \\\ eqstrapiramidul i sistemis mediatoria
- \\ bradikiniini
- \\ adrenal ini
- \\ acetil qol ini
- \\ serotoninini

- \\\ CamoTvl il Tagan parkinsonizmis simptomia
- \\ kunTebis spastiuroba
- \\ hipokinezia
- \\ intenciuri tremori
- \\ Tavis tremori

- \\\ CamoTvl il Tagan parkinsonizmis simptomia
- \\ bradikinezia
- \\ intenciuri tremori
- \\ hipermetria
- \\ sinkineziebi

- \\\ CamoTvl il Tagan parkinsonizmis simptomia
- \\ mosvenebis tremori xel ebSi
- \\ Tavis tremori "ara-ara" tipiT
- \\ orTostatiul i tremori
- \\ rubral uri tremori

- \\\ CamoTvl il Tagan parkinsonis daavadebas axasiaTebS
- \\ miokl iniebi
- \\ mikrografia
- \\ bal izmi
- \\ aTetozi

- \\\ CamoTvl il Tagan parkinsonis daavadebis simptomia
- \\ aprosodia

- \\ skandirebul i metyvel eba
- \\ afonia
- \\ rinolalialia

- \\ \\ CamoTvl il Tagan parkinsonis daavadebis simptomia
- \\ prozoplegia
- \\ hipomimia
- \\ spastiuri kisermrudoba
- \\ kunTTa hipotonia

- \\ \\ CamoTvl il Tagan parkinsonizmis yvel aze metad mainval idizebel i simptomia
- \\ tremori
- \\ kunTebis rigidoba
- \\ hipokinezia
- \\ sialorea

- \\ \\ parkinsonis daavadebisatvis sworia CamoTvl il Tagan erT-erTi
- \\ axasiaTebis progresirebadi mimdinareoba
- \\ axasiaTebis dasawyisSi progresireba da Semdeg "pl atos" stadia
- \\ axasiaTebis morecidive-remisiul i mimdinareoba
- \\ axasiaTebis progresirebadi mimdinareoba mdgomareobis mkveTri gauaresebiT da misi swrafi ukuganviTarebiT

- \\ \\ parkinsonis daavadebisatvis sworia CamoTvl il Tagan erT-erTi
- \\ rogorc wesi iwyeba tremorit
- \\ axasiaTebis asimetriul i debiuti
- \\ damaxasiaTebel ia posturul i darRvevebi daavadebis debiutSi
- \\ damaxasiaTebel ia motorul i fl uqtuaciebi daavadebis dasawyisSi

- \\ \\ parkinsonis daavadebisatvis sworia CamoTvl il Tagan erT-erTi
- \\ miekuTvneba sinukl einopatiebs
- \\ miekuTvneba taupatiebs
- \\ misi histomorfol ogiuri markeria neirofibril uri gorglebi
- \\ misi histomorfol ogiuri markeria amil oiduri bal Tebi

- \\ \\ parkinsonis daavadebisatvis sworia CamoTvl il Tagan erTerTi
- \\ histomorfol ogiuri markeria I levis sxeul akebi
- \\ histomorfol ogiuri markeria neirofibril uri gorglebi
- \\ histomorfol ogiuri markeria amil oiduri bal Tebi
- \\ miekuTvneba taupatiebs

- \\ \\ parkinsonis daavadebis dros paTol ogiuri procesi Ziritadad I okal izebul ia
- \\ Tal amusSi
- \\ Savi substanciis kompaqtur nawil Si
- \\ CenCoSi
- \\ mkrTal i birTvis gareTa segmentSi

- \\ \\ parkinsonis daavadebis dros paTol ogiuri procesi Ziritadad I okal izebul ia



- \\ kudian birTvSi
- \\ subTal amur birTvSi
- \\ Sav substanciaSi
- \\ didi hemisferoebis qerqSi

- \\ \\ parkinsonis daavadebis dros demencia aReni Sneba
- \\ yvel a daavadebul s daavadebis mogvianebiT stadiaze
- \\ daavadebul Ta 30-50%-s
- \\ daavadebul Ta 10-25%-s
- \\ demencia saerTod ar viTardeba

- \\ \\ qoreul i hiperkinezisaTvis sworia Semdegi
- \\ farToampli tudiani, swrafi, moicavs kidurebis mxol od proqsimal ur nawil ebs
- \\ stereotipul i, swrafi, moicavs upiratesad mimikur kunTebs
- \\ arastereotipul i, swrafi, moicavs sxvadasxva j gufis kunTebs
- \\ nel i, moicavs kidurebis distal ur nawil ebs

- \\ \\ hantingtonis daavadeba xasiaTdeba damenkvidrebis Semdegi tipiT
- \\ autosomur-recesiul i
- \\ sqesTan SeWidul i
- \\ autosomur-dominanturi
- \\ sporadiul i daavadebaa

- \\ \\ hantingtonis daavadebas axasiaTebs
- \\ cerebel arul i ataqsia
- \\ qoreul i hiperkinezi
- \\ spastiuri tetraparezi
- \\ mioriTmia

- \\ \\ hantingtonis daavadebas axasiaTebs
- \\ fsevdobul buri sindromi
- \\ demencia
- \\ mousvenari fexebis sindromi
- \\ parcial uri epil efsiuri gul yrebi

- \\ \\ Tu dedas aqvs hentingtonis daavadeba, maSin
- \\ daavadeba eqnebaT mis mamrobiTi sqesis Svil ebs
- \\ daavadeba eqneba misi Svil ebis naxevars
- \\ daavadeba eqneba mis mdedrobiTi sqesis Svil ebs
- \\ daavadeba Svil ebs eqnebaT Tu mamac daavadebul i, an paTol ogiuri genis matarebel ia

- \\ \\ hantingtonis daavadebas axasiaTebs
- \\ demencia da qorea
- \\ demencia da spino-cerebel arul i ataqsia
- \\ demencia da qveda paraparezi
- \\ demencia da torsiul i distonia

- \\ \\ hantingtonis daavadeba umeteswil ad debiutirebs
- \\ pubertatul asakSi

- \\ Cvil asakSi
- \\ 30-50 wl is asakSi
- \\ 60-80 wl is asakSi

- \\ \\ hantingtonis daavadebis iuvenil ur formas, romel ic debiutirebs Wabukobis asakSi, axasiaTebS
- \\ mZime qoreul i hiperkinezi
- \\ akinezia da rigidoba
- \\ torsiul i distonia
- \\ qerqul i miokl oniebi

- \\ \\ hantingtonis daavadebis dros magnitur-rezonansul i tomografia gamoavl ens
- \\ Tavis tvinis qerqis Txemis nawil is atrofia
- \\ Tal amusis da mkrTal i birTvis bil ateral uri atrofia
- \\ naTxemis hemisferoebis atrofia
- \\ kudiani birTvisa da CenCos atrofia

- \\ \\ mcire (sidenhamis) qoreis sinonimia
- \\ revmatul i, anu infeqciuri qorea
- \\ oj axuri keTil Tvisebiani qorea
- \\ avTvisebiani qorea
- \\ qoreoakantocitozi

- \\ \\ mcire (sidenhamis) qoreiT avaddebian ZiriTadad
- \\ 2-6 wl is bavSvebi
- \\ 6-13 wl is bavSvebi
- \\ 13-17 wl is mozardebi
- \\ zrdasrul i adamianebi

- \\ \\ mcire qorea ukavSirdeba umeteswil ad
- \\ meningokokur infeqcias
- \\ herpesul encefal its
- \\ revmatizms
- \\ stafil okokur infeqcias

- \\ \\ mcire qoreis SemTxvevaTa 2/3-Si figurirebs
- \\ stafil okokuri piodermia, angina an sinusiti
- \\ meningokokuri nazofaringiti an meningokokcemia
- \\ revmatul i arTriti, angina an endokarditi
- \\ herpesul i encefal iti an Semosartyvl iTi liqeni

- \\ \\ mcire qoreis kl inikur suraTs Seesabameba Semdegi aRwera
- \\ simptomebi viTardeba mwaved, ramodenime saatSis manZil ze
- \\ simptomebi ramodenime dRis an kviris manZil ze viTardeba
- \\ simptomebi viTardeba uecred da 24-48 saatSi maqsimums aRwevs
- \\ simptomebi rogorcv wesi umniSvnel odaa gamoxatul i ramodenime kviris manzil Ze da Semdeg spontanurad regresirebs

- \\ \\ mcire qoreis dros Tavzurgtvinis siTxe, rogorc wesi
- \\ normal uria

- \\ Seicavs didi raodenobiT I imfocitebs
- \\ Seicavs didi raodenobiT neitrofil ebsa da cil as
- \\ Seicavs mcired momatebul i koncentraciiT gl ukozas

- \\ \\ mcire qoreis diagnozi dasturdeba
- \\ antistreptokokul i antisxeul ebis maRal i titrit sisxl Si da cxvir-xaxis nacxSi streptokokebis aRmoCeniT
- \\ antistafil okokuri antisxeul ebis maRal i titrit sisxl Si da cxvir-xaxis nacxSi stafil okokebis aRmoCeniT
- \\ Tavzurgtvinis siTxeSi pl eocitoziT
- \\ Tavzurgtvinis siTxeSi cil is koncentraciis momatebiT

- \\ \\ mcire qoreis prognozi Semdegia
- \\ 50% I etal uri gamosavl iT mTavrdeba
- \\ keTil saimedoa, Tumca pacientTa 1/3 aReniSneba narCeni movl enebi
- \\ iwvevs mZime inval idizacias SemTxvevaTa 2/3-Si
- \\ TiTqmis yvel a patients uaxl oesi 2-3 wl is ganmavl obaSi uviTardeba recidivi

- \\ \\ mcire qorea saWiroebs
- \\ simptomur mkurnal obas da xangrZl iv mkurnal obas penicil inis adeqvaturi doziT
- \\ mxol od simptomur mkurnal obas ramodenime Tvis manZil ze
- \\ neirol eptikebiT mkurnal obas ramodenime wl is manZil ze
- \\ antikonvul santebiT mkurnal obas ramodenime wl is manZil ze

- \\ \\ miokl onusis Sesaxeb sworia Semdegi
- \\ yvel aze swrafi hiperkinezia
- \\ yvel aze nel i hiperkinezia
- \\ mxol og qerqul i SeiZl eba iyos
- \\ moicavs mxol od kidurebis proqsimal ur nawil ebs

- \\ \\ sl okini aris
- \\ diafragmisa da sasunTqi kunTebis miokl onuri SekumSva
- \\ mucl is presisa da neknTaSua kunTebis miokl onuri sekumSva
  - g) sayl apavis kunTebis periodul i SekumSva
  - d) xorxsarqvel is diskinezia

- \\ \\ vil sonis daavadebis Sesaxeb sworia Semdegi
- \\ aris autosomur-dominanturi daavadeba
- \\ aris autosomur-recesiul i daavadeba
- \\ aris sqestTan SeWidul i daavadeba

- \\ \\ vil sonis daavadebis dros organizmSi darRveul ia
- \\ rkinis cvl a
- \\ spil enZis cvl a
- \\ TuTiis cvl a
- \\ kal ciumis cvl a

- \\ \\ vil sonis daavadebisas ZiriTadi paTogenezuri rgol ia
- \\ organizmidan spil enZis eqskreciis SeuZl ebl oba

- \\ saWml is momnel ebel i traqtidan spil enZis Sewovis SeuZI ebl oba
- \\ organizmis spil enZisadmi al ergia

- \\ \\ vil sonis daavadebisas adgil i aqvs sisxl is pl azmaSi
- \\ dofadekarboqsil azas deficits
- \\ cerul opl azminis deficits
- \\ pirdapiri bil irubinis deficits
- \\ cerul opl azminis siWarbes

- \\ \\ spil enZis intoqsikaciisadmi Tavis tvinis yvel aze mgrZnobiare struqturaa:

- \\ mxedvel obis nervi
- \\ kranial uri nervebis birTvebi
- \\ bazal uri gangl iebi
- \\ naTxemis birTvebi

- \\ \\ vil sonis daavadebis dros spil enZi akumul irdeba upirvel es yovl isa

- \\ Tirkml ebSi
- \\ RviZI Si
- \\ el enTaSi
- \\ kanSi

- \\ \\ vil sonis daavadeba SeiZI eba debiutirebdes

- \\ 10 wl amde asakSi
- \\ 20 wl amde asakSi
- \\ 20-50 wl is asakSi
- \\ 50 wl amde nebi smier asakSi

- \\ \\ vil sonis daavadebisaTvis damaxasiaTebel i mniSvnel ovani niSania

- \\ Tval is fskerze spil enZis "dal eqva"
- \\ rqovanas irglv iv kaizer-fl eiSeris rgol i
- \\ Tval is minisebri sxeul is SemRvrevva
- \\ Tval is ferad garsze spil enZis dal eqva

- \\ \\ vil sonis daavadebis simptomebia

- \\ spazmuri hemipl egia an hemiparezi
- \\ hipestezia kidurebis distal ur nawil ebSi
- \\ amavrozi
- \\ akinetikur-rigidul i sindromi

- \\ \\ visl sonis daavadebas axasiaTebs

- \\ amavrozi, surdomutizmi an maTi kombinacia
  - \\ akinetikur-rigidul i sindromi, distonia, cerebel arul i ataqsia an maTi kombinacia
- \\ mosvenebis tremori, sensiuri ataqsia, pol ineiropaTiul i sindromi an maTi kombinacia
- \\ spazmuri tetraparezi, menj is Rrus organoTa funqciis darRveva

- \\ \\ vil sonis daavadebis mkurnal obis ZiriTadi mimarTul ebaa

- \\ dieta da l evodopas Semcvel i preparatebiT simptomuri mkurnal oba

- \\l\\l\\l organizmidan spil enZiis eqskreciis uzrunvel yofa
- \\l\\l\\l kvebis racionidan spil enZis didi odenobiT Semcvel i sakvebis amoReba

- \\l\\l\\l organizmidan spil enZiis eqskreciis uzrunvel yofa da kvebis racionidan spil enZis didi odenobiT Semcvel i sakvebis amoReba

- \\l\\l\\l hiperkinezebidan yvel aze xSirad gvxxvdeba

- \\l\\l\\l distonia

- \\l\\l\\l aTetozi

- \\l\\l\\l tremori

- \\l\\l\\l bal izmi

- \\l\\l\\l gaZl ierebul i fiziol ogiuri tremori aRiniSneba

- \\l\\l\\l parkinsonis daavadebis dros

- \\l\\l\\l Tireotoqsikozis dros

- \\l\\l\\l general izebul i aTeroskl erozis dros

- \\l\\l\\l uSaqro diabetis dros

- \\l\\l\\l fiziol ogiuri tremori Zl ierdeba

- \\l\\l\\l hipoTireozis dros

- \\l\\l\\l kuSingis sindromis dros

- \\l\\l\\l hiperTireozis dros

- \\l\\l\\l hipoparaTireozis dros

- \\l\\l\\l esenciuri tremoris Sesaxebs sworia Semdegi

- \\l\\l\\l parkinsonizmis erTerTi nairsaxeobaa

- \\l\\l\\l xSirad oj axur xasiaTs atarebs

- \\l\\l\\l gvxxvdeba mxol od qal ebSi

- \\l\\l\\l gvxxvdeba mxol od parkinsonizmiT daavadebul Ta pirvel i rigis naTesavebSi

- \\l\\l\\l esenciur tremors axasiaTebis Semdegi

- \\l\\l\\l kidurebis posturul i tremori

- \\l\\l\\l kunTTa rigidoba

- \\l\\l\\l saerTo hipokinezia

- \\l\\l\\l wonasworobis darRveva

- \\l\\l\\l esenciur tremors axasiaTebis Semdegi

- \\l\\l\\l Tavis tremori "ara-ara" an "ki-ki" tipiT

- \\l\\l\\l mosvenebis tremori kidurebSi

- \\l\\l\\l zeda quTuToebis tremori

- \\l\\l\\l mtevnis TiTebis miokl onuri tremori

- \\l\\l\\l esenciuri tremorisaTvis damaxasiaTebel ia Semdegi

- \\l\\l\\l al kohol uri sasmel is gavl eniT tremoris gaZl iereba

- \\l\\l\\l al kohol uri sasmel is gavl eniT tremoris Semcireba

- \\l\\l\\l kofeinis gavl eniT tremoris Semcireba

- \\l\\l\\l propranol ol is gavl eniT tremoris gaZl iereba

- \\l\\l\\l esenciuri tremoris dros sworia Semdegi

- \\l\\l\\l SesaZl oa "dakbil ul i borbal is" fenomenis arseboba

- \\ Sesazl oa kunTTa rigidoba
- \\ axasiaTebS posturul i aramdgradoba
- \\ axasiaTebS titubacia

\\ \\ esenciuri tremoris mkurnal obisaTvis arCevis pirvel i rigis preparatia

- \\ propranol ol i
- \\ diazepami
- \\ I evodopas preparati
- \\ karbamazepini

\\ \\ fiziol ogiuri miokl onusis saxeaa

- \\ dil is miokl onusi
- \\ Zil is miokl onusi
- \\ esenciuri miokl onusi
- \\ distoniuri miokl onusi

\\ \\ aTetozi aris

- \\ arariTmul i, nel i hiperkinezi
- \\ arariTmul i, swrafi hiperkinezi
- \\ riTmul i, nel i hiperkinezi
- \\ tremoris nairsaxeoba

\\ \\ bal izmisaTvis sworia CamoTvl il idan erTerTi

- \\ moicavs kidurebis distal ur nawil ebs
- \\ moicavs kidurebis proqsimal ur nawil ebs
- \\ gvxxvdeba mxol od xel ebsi
- \\ viTardeba aucil ebl ad hemi tipiT

\\ \\ bal izmis ganviTarebas umeteswil ad safuZvl ad udevs

- \\ ifsil ateral uri subTal amuri birTvis dazianeba
- \\ kontral ateral uri kudiani birTvis dazianeba
- \\ kontral ateral uri Tal amusis dazianeba
- \\ kontral ateral uri subTal amuri birTvis dazianeba

\\ \\ hemibal izmis yvel aze xSiri mizezia

- \\ Reros encefal iti
- \\ hemoragiul i insul ti kontral ateral uri SigniTa kafsul is dazianebiT
- \\ insul ti kontral ateral uri subTal amuri birTvis dazianebiT
- \\ safeTql is wil is dazianeba herpesul i encefal itis Sedegad

\\ \\ medikamentur distonias yvel aze xSirad iwvevs

- \\ antibiotikebi
- \\ antikonvul santebi
- \\ antihistaminuri preparetebi
- \\ neirol eptikebi

\\ \\ fokal uri distoniis mkurnal obis yvel aze efeqturi meTodia

- \\ miorel aqsantebi

- \\ antikonvul santebi
- \\ botul otoqsinis l okal uri ineqciebi
- \\

- \\ \\ parkinsonis daavadebis dros magnitur-rezonansul i tomografia saWiroa
- \\ parkinsonis daavadebis dasadasturebl ad
- \\ parkinsonis daavadebis mizezis dasadgenad
- \\ parkinsonis daavadebis mkurnal obis taqtikis SesarCevad
- \\ parkinsonizmis sxva SesaZl o mizezis gamosaricxad

- \\ \\ toqsiuri parkinsonizmi viTardeba
- \\ al kohol izmis Sedegad
- \\ kokainis qronikul i moxmarebis Sedegad
- \\ manganumiT qronikul i mowamvl is Sedegad
- \\ sul fanil amidebis Warbi moxmarebis Sedegad

- \\ \\ manganumi parkinsonizmis ganviTarebas iwvevs
- \\ manganumis Semcvel i naerTebis xSiri garegani gamoyenebis Sedegad
- \\ manganumis Semcvel i naerTebis xSiri peroral uri miRebisas
- \\ manganumis qronikul i inhal aciuri an parenteral uri miRebisas
- \\ manganumis erTj eradi parentel arul i gamoyeneba

- \\ \\ miasTenia mi ekuTvneba:
- \\ Tandayol il kunTovan distrofi ebs;
- \\ Cenel opaTiebs;
- \\ kunTebis metabol ur daavadebebs;
- \\ nerv-kunTovani kavSiris daavadebebs;

- \\ \\ miasTenias axasiaTebis yvel a zemoT CamoTvl il i simptomi garda erTisa:
- \\ ftozi, gaoreba, Tval ebis daxuWvis gaZnel eba;
- \\ sensorul i darRvevebi;
- \\ kunTebis proqsimal uri sisuste, ReWvisa da yl apvis gaZnel eba;
- \\ sasunTqi kunTebis sisuste;

- \\ \\ miasTeniis tipiuri kl inikuri maxasiaTebel ia:
- \\ kunTTa general izebul i atrofia;
- \\ kunTTa sisuste da daRl il oba;
- \\ kunTTa rigidobiT da krampebiT;
- \\ TandarTul ia frCxil is bal iSebis tel eangieqtazi iT;

- \\ \\ miasTenia aris:
- \\ X- qromosomasTan SeWidul i recesiul i memkvidrul i tipis daavadeba;
- \\ autosomur-dominanturi daavadeba, romel ic gamowveul ia kunTebis natriumis arxebis al fa qverTul is mutaciiT;
- \\ autoimmunuri daavadeba, roml is mizezia nerv-kunTovan sinafsSi acetil qol inis receptorebis mimarT antisxeul ebis gamomuSaveba;
- \\ gl ikogenis metabol izmis darRveviT mimdinare heterogenuri daavadebebis j gufs;

- \\ \\ miasTeniis dros adgil i aqvs:

- \\ acetil qol inis sinTezis darRvevas;
- \\ acetil qol inis receptorebis mimarT antisxeul ebis gamomuSavebas:
- \\ kunTovani membranis aRznebadobis dazianebas;
- \\ motorul i nervis dabol oebis vol taJ sensitiuri kal ciumis arxebis mimarT gamomuSavebul i antisxeul ebis arsebobas

- \\ \\ I ambert- itonis sindromi warmoadgens autoimmunur daavadebas romel sac safuZvl ad udevs:

- \\ motorul i nervis dabol oebis vol taJ sensitiuri kal ciumis arxebis mimarT gamomuSavebul i antisxeul ebis arseboba;
- \\ nerv-kunTovan sinafsSi acetil qol inis receptorebis mimarT antisxeul ebis gamomuSaveba
- \\ kunTovani membranis aRznebadobis dazianeba;
- \\ oqsidaciuri fosfol irebis darRveva

- \\ \\ I ambert- itonis miasTeniuri sindromi yvel aze xSirad viTardeba:

- \\ farisebri jirkval is paTol ogiis dros;
- \\ mkerdukana jirkvl is daavadebebisas;
- \\ fil tvebis wril uj redovani kibos dros;
- \\ sistemuri daavadebebis SemTxvevaSi;
- \\ \\ qvemoT CamoTvl il i preparetebidan romel i ar amwvavebs miasTeniis mimdinareobas?
- \\ betabl okatorebi;
- \\ kal ci-antagonistebi;
- \\ aminogl ikozidebis j gufis antibiotikebi;
- \\ al dosteronis antagonistebi (spironol aqtoni)

- \\ \\ romel i mkurnal oba ufro efeqturia miasTeniis egzacerbaciis dros?

- \\ imunosupresiul i Terapia,
- \\ pl azmaferezi;
- \\ anti-acetil qol inesTerazul i preparetebi;
- \\ piridostigmini da imunosupresiul i Terapiis kombinacia;

- \\ \\ anti-acetil qol inis esTerazis Warbi gamoyenebiT gamowveul i nerv-kunTovani bl okis diagnostirebisTvis romel i testi gamoiyeneba?

- \\ sixl Si acetil qol inis receptorebis antisxeul ebis aRmoCena;
- \\ e.n.m.g.-ul ad jitter- fenomenis arseboba;s
- \\ prozerinis (tenzil on/edrofoiumis) sinji;
- \\ sixl Si ganivzol iani kunTebis antisxeul ebis gansazRvra.

- \\ \\ periferiul i Tavbruxvevis mizezi uxSiresad aris:

- \\ tvinis Reros iSemia,
- \\ naTxem-xidis kuTxis simsi vne,
- \\ keTil Tvisebiani poziciuri periodul i Tavbruxveva,
- \\ epil efsia,

- \\ \\ Tavbruxvevis gamomwvevi central uri mizezia:

- \\ I abirinTiti,
- \\ vestibul uri neironiti,
- \\ posttravmul i Tavbruxveva,
- \\ ukana fosoSi ganviTarebul i hemoragia,



- \\\ რომელი სისტემური მდგომარეობები იწვევს უხსრესად ტავბრუხვევას:
- \\\ ფილ ტვის სიმსივნე,
- \\ ანემია, კარდიალური მიზეზები
- \\\ სუა ურის ანტება,
- \\\ კეტილ ტვისებანი პოზიციური პერიოდული ტავბრუხვევა

- \\\ რინეს ტესტი მოვოდებულია:
- \\ ჰაეროვანი და ჯვლი ოვანი გამტარებელი ობის სედარების ტვის,
- \\\ ჯვლი ოვანი გამტარებელი ობის სედარების ტვის,
- \\\ ეს არის ლატერალური იზაციის ცდა,
- \\\ უელა პასუხი სვორია

- \\\ სვბაქსის ტესტი მოვოდებულია:
- \\ ჰაეროვანი და ჯვლი ოვანი გამტარებელი ობის სედარების ტვის,
- \\ ჯვლი ოვანი გამტარებელი ობის სეფაზების ატვის,
- \\\ ეს არის ლატერალური იზაციის ცდა,
- \\ უელა პასუხი სვორია

- \\\ ტავბრუხვევის გამოსაწვევად ტარდება
- \\ მაპროვოცირებელი ცდები,
- \\\ აუდიომეტრია,
- \\\ სვბაქსის ცდა,
- \\\ გენეტიკური ანალიზი

- \\\ რა იტვიღება პერიფერიული ვესტიბული ოპატიის გამომწვევ მიზეზად?
- \\\ გაფანტული სკლეროზი,
- \\ ინფექციური დაავადებები,
- \\\ ინტოქსიკაცია,
- სისხლის მიმოქცევის მოსა

- \\\ რა იტვიღება კეტილ ტვისებანი პოზიციური პაროქსიზმული ტავბრუხვევის გამომწვევ მიზეზად?
- \\ ტრავმა, ესტროგენების ნაკლებობა, ინტოქსიკაცია
- \\\ გაფანტული სკლეროზი,
- \\\ ჰემორაგია ნატემსი,
- \\\ სისხლის მიმოქცევის მოსა

- \\\ რა იტვიღება პოსტტრავმული ტავბრუხვევის მიზეზად?
- \\ ტრავმა, ესტროგენების ნაკლებობა, ინტოქსიკაცია
- \\\ გაფანტული სკლეროზი,
- \\\ ჰემორაგია ნატემსი,
- \\ ლაბირინთის სერევა, საფეტლი და ჯვლი სემოქსილი ობა

- \\\ რომელი მედიკამენტები უპირატესად ვესტიბული ოტოქსიური?
- \\\ სტეროიდები,
- \\\ სარდმდენები,
- \\ ამინოგლიკოზიდები,
- \\\ საგულე გლიკოზიდები

- \\\ რა სიმპტომი აქასიატებს მენიერის დაავადებას ტავბრუხვევასთან ერთად?

- \\ gaoreba,
- \\ smenis daqveiTeba an Sui l i,
- \\ hemianofsia,
- \\ dizosmia

- \\\ ra aris uxSiresad menieris daavadebis mizezi?
- \\ is idiopaTiuria,
- \\ infeqcia,
- \\ sixl is mimoqcevis moSl a ukana cirkul aciaSi,
- \\ intoqsikacia

- \\\ romel sindroms uwodebs xSirad pacientis araswored Tavbruxvevas?
- \\ sinkopes,
- \\ hipertenzias,
- \\ bradikardias,
- \\ gul yras

- \\\ romel i j gufis preparatebi gamoiyeneba im SemTxvevaSi, rodesac wamyvania gul isreva?
- \\ antiemetikebi,
- \\ antibiotikebi,
- \\ benzodiazepinebi,
- \\ Sardmdenebi

- \\\ romel i preparatia efeqturi menieris daavadebis samkurnal od?
- \\ gl ukoza,
- \\ manitol i,
- \\ betahistini,
- \\ metoprol ol i

- \\\ romel i paTol ogiis dros aris metad efeqturi vestibul uri varj iSebi ?
- \\ naTxemis hemoragiis dros,
- \\ naTxem-kidis simsvneebis dros,
- \\ Sua yuris anTebis dros arsebul i Tavbruxvevisas,
- \\ keTil Tvisebiani paroqsizmul i poziciuri Tavbruxvevis dros

- \\\ romel i paTol ogiaa upiratesad Tavbruxvevis mizezi bavSTa asakSi?
- \\ keTil Tvisebiani paroqsizmul i Tavbruxveva,
- \\ periferiul i vestibul opaTia,
- \\ naTxemis hemoragia,
- \\ menieris daavadeba

- \\\ romel daavadebas axl avs Tan aucil ebl ad Tavbruxveva ?
- \\ bazil uri tipis Sakiki,
- \\ Tireotoqsikozi,
- \\ Subl is wil is hemoragia,
- \\ Tirkml is ukmarisoba

- \\\ romel i tipis epil efsia xasiaTdeba gansakuTrebiT xSirad TavbruxveviT ?

\\ absansebi,  
\\ febril uri gul yra,  
\\ iuvenil uri miokl onus-epil efsia,  
\\ safeTql is epil efsia

\\\ Tavbruxveva da wonasworobis darRveva viTardeba :  
\\ tvinis wina arteriis auzSi insul tis dros,  
\\ tvinis Sua arteriis auzSi insul tis dros,  
\\ ukana cirkul aciaSi ganviTarebul i insul tis dros  
\\ heibneris arteriis auzSi ganviTarebul i insul tis dros