

## Topics for oral final examination in traumatology and orthopedics, for physical medicine and rehabilitation faculty.

- 1.1. Clinical examination – Anamnesis, inspection, palpation, anthropometry, evaluation of function of bones and joints, evaluation and registration of the range of motion.
- 1.2. Soft tissue injuries – injuries of finger tendons, specifications of their repair. Soft tissue injuries – Damage of Biceps brachia tendon, damage of Achilles ligament; injuries of peri-articular soft tissue – contusion, damage of capsule-ligamentous apparatus; hemarthrosis – diagnostics and treatment.
  
- 2.1. Major types of immobilization - basic principles of desmurgy, skeletal traction, application on plaster cast
- 2.2. Indications for osteosynthesis, methods. Methods of spotted osteosynthesis, indications; terms of fracture consolidation.
  
- 3.1. Injury of shoulder clavicle - diagnosis, treatment, possible complications. Dislocation of clavicle – diagnosis, treatment, possible complications;
- 3.2. Proximal and distal intra-articular fracture of humerus – diagnosis, treatment, possible complications.
  
- 1.1. Injuries of forearm, fractures of olecranon; fractures of coronoid process, Monteggia and Galiazzi fractures, isolated fractures of diaphysis of radius and ulna;
- 1.2. Typical fractures of radius, fractures and dislocation of wrist joint; fracture of bones of hands, fractures and dislocations of carpal bones
  
- 5.1. Fractures of pelvis – diagnosis, treatment, errors and possible complications; acetabular fractures – diagnosis, treatment, possible complications. Dislocations of hip-joint – diagnosis, methods of reduction, classification, possible complications;
- 5.2. Femoral neck fracture – classification, methods of treatment; Proximal, diaphyseal and distal intra-articular fractures of femur – methods of reduction, classification, possible complications;
  
- 6.1. Injury of patella – diagnosis, treatment; injury of Menisci – diagnosis, treatment; arthroscopic surgeries on knee joint;
- 6.2. Damage of knee joint ligament apparatus – diagnosis, methods of treatment. Sport injuries, arthroscopy – equipment, principles; arthroscopy in the treatment of knee joint trauma.
  
- 7.1. Proximal isolated tibial intra-articular fractures – classification, diagnosis, treatment, possible complications, knee joint hemarthrosis. Tib-Fib diaphysis fractures – diagnosis, classification, methods of treatment, possible complications.
- 7.2. Injuries of ankle joint – diagnosis, classification, treatment, possible complications, rehabilitation. Fractures of foot bones – diagnosis, treatment, possible complications.
  
- 8.1. Traumatic injuries of vertebral column – clinical presentation, diagnosis, treatment, possible complications.
- 8.2. Methods of treatment and rehabilitation dates of congenital malformations.