

**Textbook - Warren Levinson et al. Review of Medical Microbiology and Immunology.  
15<sup>th</sup> edition**

**Faculty of Medicine**

**MODULE 16.**

**Thematic Plan of Lectures and Practical Classes**

<b>Study weeks</b>	<b>Lectures</b>	<b>Duration (hours)</b>
1	DNA nonenveloped Viruses. Adenovirus, parvovirus, papillomavirus, polyomavirus	1
2	DNA enveloped Viruses: Herpesviruses (herpes simplex virus, varicella-zoster virus, cytomegalovirus, Epstein–Barr virus, human herpesvirus 8). Poxviruses (smallpox virus, molluscum contagiosum virus)	1
3	Slow viruses and prions. Tumor viruses.	1
4	Basic mycology. Cutaneous and subcutaneous mycoses.	1
5	Systemic mycoses. Opportunistic mycoses.	1
6	Medical protozoology (causative agents of intestinal, urogenital, blood and tissue infections)	1

<b>Study weeks</b>	<b>Practical Classes (8 classes, each of 2h.)</b>	<b>Study Materials</b>
1	Adenovirus, parvovirus, papillomavirus, polyomavirus - diseases, transmission, pathogenesis, clinical signs, laboratory diagnosis, treatment, and prevention. <i>Discussion of clinical cases</i>	Chapter 38
2	Herpesviruses (herpes simplex virus, varicella-zoster virus, cytomegalovirus, Epstein–Barr Virus, human herpesvirus 8). Poxviruses (smallpox virus, molluscum contagiosum virus) - diseases, transmission, pathogenesis, clinical signs, laboratory diagnosis, treatment, and prevention. <i>Discussion of clinical cases</i>	Chapter 37
3	Slow viruses and prions; Tumor viruses - diseases, transmission, pathogenesis, clinical signs, laboratory diagnosis, treatment, and prevention. <i>Discussion of clinical cases</i>	Chapter 43 Chapter 44
4	Basic Mycology. Cutaneous and subcutaneous mycoses - diseases, transmission, pathogenesis, clinical signs, laboratory diagnosis, treatment, and prevention. <i>Discussion of clinical cases</i>	Chapter 47 Chapter 48
5	Systemic mycoses, opportunistic mycoses - diseases, transmission,	Chapters 49,50

	pathogenesis, clinical signs, laboratory diagnosis, treatment, and prevention. <i>Discussion of clinical cases</i>	
6	Medically important protozoa (causative agents of intestinal, urogenital, blood and tissue infections) - diseases, transmission, pathogenesis, clinical signs, laboratory diagnosis, treatment, and prevention. <i>Discussion of clinical cases.</i>	Chapters 51,52