

Subject:	<i>Surgery I</i>		
Study Programme:	<i>Dental Medicine</i>	Study Period:	<i>5th term</i>
Evaluation:	<i>completed</i>	Subject Type:	<i>compulsory</i>
Content:	1h. lectures and 1 h. exercises / week		<i>Total 28 hour</i>

Department: *Department of Vascular Surgery VUSCH*

<i>Week</i>	<i>Lectures</i>	<i>Practical Lessons</i>
1.-2.	Introduction to Surgical Propedeutics. Division of Surgery, history of surgery.	Examination of patients after injury. Evaluation of X-ray of patient after injury. Demonstration of patient with multiple injuries, combined injuries and polytrauma.
3.-4.	Basic principles of investigative methods and clinical diagnostics in surgery.	Observing of patient's rehabilitation. Evaluation of occupational and non-occupational injury.
5.-6.	Asepsis and antisepsis, disinfection and sterilization.	Demonstration of patient with open injury. First aid and treatment of open injury. Treatment of wounds of traumatic etiology and demonstration of patient with complicated wound healing.
7.-8.	Principles of Anesthesiology. Local, general, endotracheal anesthesia and its complications.	Demonstration of patients with closed injuries. Demonstration of X-ray. Demonstration of patients with children's fractures, demonstration of x-ray.
9.-10.	Principles of cardiopulmonary resuscitation.	Demonstration of patient in shock. Evaluation of laboratory findings. Demonstration of patient with multiorgan failure. Evaluation of laboratory findings.
11.-12.	Wounds. Division of wounds, wound properties, healing and wound dressings.	Military injuries and special types of injuries. Rules of sorting and transport of patients. Demonstration of laboratory findings and x-rays of patients after injury.

13.-14.	Surgical infections, etiology, presentation, diagnostics and treatment.	Demonstration of patient after burns. Treatment of patients after burns. Demonstration of patient with overcooling and frost-bite. Demonstration of patients.
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