



Department of Forensic Medicine

Pavol Jozef Šafárik University in Košice
Faculty of Medicine

SUBJECT CONTENT

Subject:	Forensic Medicine and Medical Law		
Study program:	Dental Medicine	Study period:	winter semester
Evaluation:	exam	Subject type:	compulsory
Course duration:	1 h. lecture + 1 h. practical / week		Total: 28 h.

Week	Lectures	Practicals
1.	Introduction to the forensic medicine. Role of forensic medicine in Slovakia and worldwide. Concept of forensic medicine in Slovakia. Health Care Surveillance Authority.	Examination of the dead body at the scene of death. Coroner system and medical examiner system. Medical examination of the dead in Slovakia.
2.	Medicolegal death investigation. Postmortem changes. Supravital and vital reactions.	Types of autopsies. Autopsy procedure. Neonatal autopsy.
3.	Identification of the living and the dead. Forensic dentistry.	Documentation required for the autopsy.
4.	Identity of decomposed or skeletalised remains. Identification in mass disasters. Exhumation.	Autopsy training 1: Postmortem external examination of the dead body at the autopsy room of HCSA. Oral cavity examination during the autopsy.
5.	Natural (non-violent) death in adults. Natural (non-violent) death in children. Sudden infant death syndrome.	Forensic toxicology. Methods in forensic toxicology.
6.	Violent death in children. Child abuse and neglect. Pregnancy and childbirth. Sexual offenses.	Alcohols. Medicolegal aspects of ethanol intoxication. Methanol poisoning. Ethylene glycol poisoning. Drugs of abuse and dependence.
7.	Violent death. Mechanical injuries. Examination of wounds. Blunt and sharp force injuries.	Visit to the toxicology laboratory at HCSA.
8.	Firearm and blast injuries. Forensic investigation of traffic accidents.	Autopsy training 2: Postmortem internal examination of the dead body at the autopsy room of HCSA.

9.	Suffocation. Mechanical asphyxia. Drowning. Thermal injuries. Electrical injuries.	Autopsy diagnosis. Autopsy report.
10.	Diving accidents (barotrauma, decompression sickness). High altitude illness. Ionizing radiation injury and illness.	Forensic histopathology. Immunohistochemistry.
11.	Forensic toxicology. General aspects of poisoning. Types of poisons. Forensic diagnosis of poisoning.	Forensic histopathology – case reports.
12.	Gaseous poisons. Agrochemical poisons. Corrosive poisons. Heavy metals. Mushroom poisoning.	Visit to the histology laboratory at HSCA.
13.	Medical errors. Iatrogenic damage.	Repetition, and consultations.
14.	Expert activity in medical profession. Forensic expert activity. Forensic medical examination of the living persons.	Credit test.