

**COURSE PROGRAM  
FORENSIC MEDICINE  
5<sup>th</sup> year Dental medicine – 1<sup>st</sup> (Winter) semester 2023-2024**

<b>Week</b>	<b>Lectures – 2 hrs Assoc. Prof. Pavel Timonov, MD, PhD</b>	<b>Practical exercises 2 hrs.</b>
<b>I week 16.09 – 20.09</b>	Introduction to Forensic Medicine. The main steps of the forensic autopsy	Introduction to Forensic Medicine. Definition. The role of forensic pathologist. The investigation. The main steps of the forensic autopsy. Components of forensic autopsy. Categorization of the main objectives of a forensic autopsy. Cause of death. Manner of death. Cases.
<b>II week 23.09 – 27.09</b>	<b>FREE</b>	
<b>III week 30.09 – 04.10</b>	Trauma. Types of trauma. Blunt force trauma. Bruises. Abrasion. Lacerated wound.	Trauma. Terms. Types of trauma. Blunt force trauma. Bruises. Abrasion. Lacerated wound Mechanism of production. Features & signs. Forensic importance. Cases..
<b>IV week 07.10 -11.10</b>	<b>FREE</b>	
<b>V week 14.10 – 18.10</b>	Sharp force trauma. Classification. Incised wound, chop wound stab wound, puncture wound.	Sharp force trauma. Incised Wound & chop wound. Stab wound & puncture wound. Characteristics of the wounds. Forensic importance. Features & signs. Cases
<b>VI week 21.10 – 25.10</b>	<b>FREE</b>	
<b>VII week 28.10 – 01.11</b>	Firearm injury. Entrance and exit wound. Characters of the wounds. Types of range gunshot..	Firearm injury. Mechanism of injury. Characters of the wounds. Entrance and exit wound. Types of range of gunshot. Forensic importance Features & signs. Cases.
<b>VIII week 04.11 – 08.11</b>	<b>FREE</b>	
<b>IX week 11.11 – 15.11</b>	Asphyxia. Definition of terms. Categorizing asphyxial deaths. Types of mechanical asphyxia. Strangulation. Hanging. Sexual asphyxia Traumatic asphyxiation. Obstruction of the airway. Suffocation. Positional asphyxia.	Asphyxia. Definition of terms. Categorizing asphyxial deaths. Types of mechanical asphyxia. Classic sings of asphyxia. Categories of strangulation. Manual strangulation, ligature strangulation & hanging. Hanging. Definition. Types of hanging. Sexual asphyxia. Features of sexual asphyxia. Traumatic asphyxiation. Obstruction of the airway. Suffocation. Positional asphyxia. Features & signs. Cases.
<b>X week 18.11 – 22.11</b>	<b>FREE</b>	
<b>XI week 25.11 – 29.11</b>	Death Investigation. Changes after death. Early post-mortem changes. Late post-mortem changes. Determining of the time of death.	Death Investigation. Changes after death. Early post-mortem changes – body cooling, rigor mortis, livor mortis. Late post-mortem changes – putrefaction, mummification, adipocere. Forensic importance. Features & signs. Cases
<b>XII week 02.12 – 06.12</b>	<b>FREE</b>	
<b>XIII week 09.12 – 13.12</b>	Child abuse syndrome. Road-traffic accidents	<b>REVIEW</b>

<b>XIV week</b> <b>16.12 – 20.12</b>	<b>FREE</b>	Signatures
<b>XV week</b> <b>23.12-27.12</b>	-	

**PROGRAM FOR PRACTICAL EXERCISES:**

The lecture of Forensic medicine will be held on Thursday **every other week starting from the 1st week** of the semester – at 14.00 in lecture hall in Faculty of Dental medicine.

**PRACTICALS:**

Practicals will be held **every other week starting from the 1<sup>st</sup> week** of the semester in the following schedule:

**Monday**

11:30-13:15- Group 27- Prof. Timonov  
12:00-13:45- Group 19- Dr. Sotirova

**Tuesday**

14:00-15:45- Group 20- Dr. Hadzhieva  
14:00-15:45- Group 21- Dr. Gudelova  
14:00-15:45- Group 24- Dr. Sotirova

**Wednesday**

14:00-15:45- Group 23- Dr. Gudelova  
14:00-15:45 - Group 25- Dr. Yancheva

**Thursday**  
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**Friday**

07:30-09:15- Group 26- Dr. Tsranchev  
11:45-13:30- Group 22- Prof. Timonov  
11:45-13:30- Group 28- Dr. Tsranchev

**Literature:**

1. Forensic Pathology 2014 1 edition- Timonov Pavel, MD
2. Lecture course
3. Vincent Di Maio. Forensic pathology. 2001

Made by Assoc. Prof. Pavel Timonov, MD, PhD  
10.09.2024

Head of Department: Assoc. Prof. P. Timonov, MD, PhD.....

