

General part

1. Early post-mortem changes
2. Late post-mortem changes
3. Determining time of death
4. Vital reactions
5. Examination of dead bodies at the place of discovery
6. Self-harm
7. Exhumation
8. Identification of a dead body of unknown identity
9. Forensic dental identification
10. Age estimation in forensic dentistry
11. Rape, sexual abuse, sexual coercion
12. Concept of medico-legal forensic services
13. Basic legal regulations
14. Types of autopsies (Act No. 372/2011 Coll.)
15. Physicians as a witness and expert witness
16. Medical confidentiality
17. Medical liability (negligence)
18. Bodily harm
19. Grievous bodily harm
20. Evaluation of injury severity

Specific part and toxicology

1. Sudden death
2. Asphyxiation in general
3. Strangulation (hanging x ligature strangulation x throttling)
4. Airway obstruction due to smothering, overlaying (= infant)/compression
5. Traumatic asphyxiation
6. Drowning
7. Sharp object injury
8. Blunt force trauma
9. Ballistic trauma
10. Head injuries (mechanism of injury, scalp injuries, cranial vault and skull base fractures), blunt force trauma to the head
11. Traumatic intracranial haemorrhage
12. Brain injuries (concussion, contusion, mechanism of injury, morphology of diffuse axonal injury)
13. Facial injuries (mechanism of injury, fractures of facial bones)
14. Thoracic and neck injuries
15. Abdominal injuries
16. Fall from height
17. Injuries due to railway accidents
18. Electric current (technical electricity, lightning)
19. Heat related injuries (burns, scalding, hyperthermia)
20. Cold related injuries
21. Definition of poison and its effects
22. Post-mortem findings in poisoning cases
23. Acid and alkali poisonings (symptoms, autopsy findings and evidence)
24. Carbon monoxide poisoning (symptoms depending on blood concentration, detection in blood)
25. Cyanides
26. Nitrites
27. Ethanol (methods of detection, effects depending on blood concentration)
28. Blood alcohol testing
29. Alcohol intoxication, evidence, levels of intoxication
30. Methanol
31. Cannabinoids
32. Opium, derivatives, symptoms, intoxication
33. Benzodiazepines
34. Psychiatric drugs
35. Stimulant intoxication (amphetamine and its derivatives, cocaine)
36. Mushroom poisoning