

# FORENSIC MEDICINE AND MEDICAL LAW

## 1. Gunshot wounds – single projectile

Intoxication by mushrooms and defective meals

## 2. Gushot wounds – shotgun pellets, injuries caused by explosion

Carbon monoxide, carbon dioxide intoxication

## 3. Blunt instrument alteration – abrasion, contusion, laceration. Bite wounds

Chemical injuries – acids, alkalies. Intoxication by mercury

## 4. Skull fractures – cranial roof

General rules of obtaining and investigation of biological materials (living persons, cadavers)

## 5. Sharp instrument alterations – incising, stab, hacking wounds

Death of the newborn: definition, causes, SIDS

## 6. Skull fractures – cranial base

Alcohol – history, definition, alcoholic beverages, pharmacokinetics

## 7. Fall from height (biomechanics, types of injury)

Drug dependence: central depressants, cocaine

## 8. Traffic accidents – single trace vehicles

Early signs of death

## 9. Vital reactions (general, local)

Injuries in the railway traffic, air traffic

## 10. Late changes of death

Drug dependence: opioids, cannabis

## 11. Injuries caused by electric current (industrial, atmospheric electricity)

Drug dependence: halucinogens, solventia

## 12. Traffic accident injuries – double trace vehicles

Diving accidents (direct influence of pressure, barotrauma, AGE)

13. Injuries caused by high environmental temperature

Impact of alcohol on the human body – evaluation and examination of drunkenness

14. Suffocation due to external occlusion of airways, due to chest movements restriction

Drug dependencies – the general medicolegal importance

15. Sudden natural deaths of adults, of children

Basics of identification (living persons, cadavers)

16. Injuries caused by low environmental temperature

Mechanical asphyxia (types, causes, diagnosis on cadaver)

17. Suffocation by hanging, by ligature, by manual strangulation

The offender's body investigation (principles, documentation)

18. Drowning, near-drowning; death in the water

Entering of illicit drugs to the living organism, ways of biotransformation

19. Epidural, subdural hematoma, subarachnoid hemorrhage

The criminal abortion, neonaticide, causes of death of the pregnant woman

20. Examination of the biological traces (blood stains, hair, saliva)

The victim's body investigation (principles, documentation)

21. Health alterations due to medical malpractice

Principles, clinics and morphology of intoxication by ethanol and methanol

22. Medicolegal sexuology (sexual deviations, the rape)

Diving accidents (indirect influence of pressure, decompression sickness)

23. Estimating the time of death (possibilities in the field practice, accuracy)

Drug dependence: amphetamines, cath