

Examination questions

Forensic Medicine

Firearm injuries - single projectile injuries.

Firearm injuries – shot-gun pellets injuries, explosive injuries.

Blunt force trauma - abrasions, contusions, lacerations.

Bite marks.

Skull fractures – fractures of cranial roof.

General rules for obtaining and examination of blood and other biological fluids (living persons, cadavers).

Sharp force trauma – incised, slash, stab, glass and chopping wounds.

Death of a newborn baby, definition, causes, SIDS.

Early changes after death.

Late post-mortem changes.

Electrical injuries (industrial and atmospheric electricity).

Road traffic injuries - double trace vehicles.

Injuries due to heat.

Asphyxia and pressure on the neck and chest.

Unexpected and sudden death - adults, children.

Cold injuries, hypothermia.

Hanging, ligature strangulation, manual strangulation (throttling).

Immersion, drowning, near drowning, death in water.

Epidural, subdural haematoma.

Criminal abortion, causes of death.

Examination of biological stains (except blood stains).

Examination of victims (principles, documentation).

Injuries caused by changes in atmospheric pressure, barotrauma.

Alcohol intoxication - principles, toxicological examination of blood samples for ethanol.

Forensic estimation of time of death.

Drug dependence and abuse - amphetamines, cath.

Mechanical asphyxia - types, causes and diagnosis in cadavers.

Examination of an alleged assailant - principles, documentation.

Entering of drug to the living organism, its biotransformation.

Basics of identification - living persons, cadavers.

Road traffic injuries - single trace vehicle.

Medical drug abuse and misuse in medical praxis.

Drug dependence and abuse - general medicolegal importance.

Drug dependence and abuse - central depressants, cocaine.

Drug dependence and abuse - opiates, cannabis.

Drug dependence and abuse - hallucinogens, solvent abuse.

Vital reactions (general, local).

Railway injuries in railway, aircraft fatalities.

Methanol, ethanol intoxication.

Cyanide poisoning, poisoning by pesticides and herbicides.

Fall from height - biomechanics, types of the injuries.

Chemical injuries – acid and alkali injury. Mercury poisoning.

Carbon monoxide poisoning.

Intoxication by mushrooms and defective meals.

Forensic and medico-legal aspects of sexual crimes and unusual sexual practices.

Examination of blood stains.