

# Forensic final Archive

دفعة روج



الفريق الأكاديمي  
لجنة الطب والجراحة

**1) Which of the following is NOT an antidote for the drug listed in acute toxicity?**

- a) Flumazenil / Benzodiazepine
- b) Penicillamine / Lead
- c) Naltrexone / Opiates
- d) Oxime / Organophosphorus
- e) N-Acetylcysteine / Paracetamol

**answer:c**

**2) A patient presents with decreased bowel sounds and dilated pupils (mydriasis). Which toxidrome is most consistent with these findings?**

- a) Cholinergic
- b) Anticholinergic
- c) Sympathomimetic
- d) Sedative

**answer:b**

**3) An abrasion can be differentiated from all of the following EXCEPT:**

- a) Dry burns and scalds
- b) Chop wound and cut
- c) Contused wound and cut
- d) Hypostasis and bruises
- e) Inlet and outlet wounds

**answer:a**

**4) What is an early sign of methanol toxicity?**

- a) Optic disc pallor
- b) Blurred vision / "snowstorm" vision
- c) Blindness
- d) Coma
- e) Seizures

**answer:b**

**5) What is the main cause of metabolic acidosis in methanol poisoning?**

- a) Respiratory failure
- b) Kidney failure
- c) Aldehyde
- d) Acetaldehyde
- e) Formic acid + Lactic acid

**answer:e**

**6) Which of the following is correct regarding shotgun injuries from long distance?**

- a) Multiple small pellets without central defect
- b) Muzzle imprint
- c) Stellate-shaped wound
- d) Cherry-red bleeding

**answer:a**

**7) Which of the following is true about dry drowning?**

- a) Pulmonary edema
- b) Laryngeal spasm
- c) Aspiration of water
- d) Hypercapnia

**answer:b**

**8) What is the most severe complication of alcohol withdrawal?**

- a) 24-hour convulsions
- b) Delirium tremens (DTs)
- c) Anxiety
- d) Insomnia
- e) Mild tremors

**answer:b**

**9) McEwen's sign is defined as:**

- a) Constriction of the pupil when light is shone
- b) Dilatation of a constricted pupil when the lower eyelid is pinched
- c) Ptosis of the upper eyelid
- d) Loss of corneal reflex
- e) Nystagmus on lateral gaze

**answer:b**

**10) Which of the following statements about rigor mortis is FALSE?**

- a) Followed by tertiary flaccidity
- b) Can be used for posture determination
- c) Can be used for time of death estimation

**answer:a**

**11) Which of the following is considered the best test for diagnosis and assessing severity of organophosphate poisoning?**

- a) Red blood cell cholinesterase
- b) Serum acetylcholine
- c) Plasma (pseudo)cholinesterase
- d) Urinary alkali phosphatase
- e) Serum amylase

**answer:c**

**12) The Rumack–Matthew nomogram is primarily used to:**

- a) Confirm diagnosis of methanol poisoning
- b) Assess severity of organophosphate poisoning
- c) Guide N-acetylcysteine (NAC) administration in paracetamol overdose
- d) Determine the dose of activated charcoal
- e) Evaluate chronic acetaminophen toxicity

**answer:c**

**13) Which of the following snake bites does NOT typically cause local manifestations?**

- a) Cobra
- b) Palestinian viper
- c) DIC-causing species (e.g., saw-scaled viper)

**answer:a**

**14) Which is the most important investigation in cases of kerosene ingestion?**

- a) Liver function tests
- b) Renal function tests
- c) Chest X-ray
- d) Serum electrolytes
- e) ECG

**answer:c**

**15) What is the first emergency treatment for kerosene ingestion?**

- a) IV antibiotics
- b) Gastric lavage
- c) Induced vomiting
- d) Activated charcoal
- e) Oxygen administration

**answer:e**

**16) Which of the following requires confirmation by scientific methods for identification?**

- a) Dental print
- b) Medical records
- c) Visual identification

**answer:c**

**17) Fingerprint impressions in soft materials such as wax or clay are called:**

- a) Latent prints
- b) Visible prints
- c) Plastic prints
- d) Inked prints
- e) patent prints

**answer:c**

**18) The simplest form of wound is:**

- a) Laceration
- b) Contusion
- c) Abrasion
- d) Incised wound
- e) Puncture wound

**answer:c**

**19) All of the following drugs can cause chest wheezing EXCEPT:**

- a) Cholinesterase inhibitors
- b) Parathion
- c) Muscarinic agonists
- d) Irritant gases
- e) Sedative antihistamines

**answer:e**

**20) Which of the following statements about drowning is TRUE?**

- a) Pale and shrunked
- b) Alveolar collapse
- c) Lungs are ballooned and water-saturated
- d) No pulmonary edema

**answer:c**

**21)What is the first-line emergency management of corrosive ingestion?**

- a) Gastric lavage
- b) Induced vomiting
- c) Administration of eggs and milk
- d) Activated charcoal
- e) IV antibiotics

**answer:c**

**22)A wound caused by a blow with a moderately sharp edge of a heavy object is most likely:**

- 1. Chop wound
- 2. Cut lacerated wound
- 3. Contused wound
- 4. Deep lacerated wound
- 5. Deep cut wound

**Select the correct answer:**

- a) 1 and 2
- b) 1 only
- c) 1, 2 and 3
- d) 3 only

**answer:a**

**23)Which of the following statements about the long-term sequelae of carbon monoxide (CO) poisoning is TRUE?**

- a) It is unrelated to the initial level of consciousness
- b) It depends only on the patient's age
- c) Its incidence is correlated with the initial level of consciousness and duration of coma
- d) It occurs in all patients regardless of exposure severity
- e) It is prevented by oxygen therapy alone

**answer:c**

**24)Which of the following is correct regarding Shaken Baby Syndrome?**

- a) Usually causes only superficial bruises
- b) May be associated with rib fractures
- c) Does not cause intracranial injury
- d) Typically involves limb fractures only
- e) Always shows external signs of trauma

**answer:b**

**25) Which of the following factors is most closely related to the severity of a firearm injury?**

- a) Muzzle of firearm
- b) Distance from the target
- c) Type of firearm
- d) Wound edge

**answer:d**

**26) Which of the following is correct regarding contact shotgun wounds?**

- a) Stippling only
- b) Central hole with minimal bleeding
- c) Burning and massive tissue destruction
- d) Multiple pellets without central defect

**answer:c**

**27) What is the most serious complication of a scorpion sting?**

- a) Local manifestations (pain, edema)
- b) Metabolic alkalosis
- c) DIC
- d) Intact skin
- e) Autonomic storm and cardiac toxicity

**answer:e**

**28) What is the effect of hydrocarbon exposure on the heart?**

- a) Bradycardia
- b) AV block
- c) Tachycardia and ventricular fibrillation
- d) Asystole

**answer:c**

**29) Ion trapping is achieved by:**

- a) Manipulation of blood pH
- b) Forced diuresis
- c) Manipulation of urine pH
- d) Hemodialysis

**answer:c**

**30) Activated charcoal is contraindicated in all of the following EXCEPT:**

- a) Slow-release/sustained-release preparations
- b) Corrosive ingestion
- c) Hydrocarbon ingestion
- d) Patients with unprotected airway
- e) Intestinal obstruction

**answer:a**

**31) Which of the following indicates physical abuse in a child?**

- a) Single superficial bruise
- b) Multiple injuries of different ages
- c) Isolated scratch
- d) Accidental fall with bruise on one extremity
- e) Minor abrasion on knee

**answer:b**

**32) Which of the following statements is TRUE regarding a "dangerous injury"?**

- a) It refers to any superficial injury
- b) It is a medical term only
- c) It is a legal classification of injuries
- d) It always results in permanent disability
- e) It refers to minor cuts and bruises

**answer:c**

**33) The end-point of atropine administration in organophosphate poisoning is:**

- a) Dilatation of pupils
- b) Increase in heart rate
- c) Drying/clearing of lung secretions
- d) Flushing of skin
- e) Return of bowel sounds to normal

**answer:c**

**34) Which of the following is TRUE regarding abortion?**

- a) Can be performed anywhere without medical supervision
- b) Should be done at home if pregnancy is early
- c) Should be done in a hospital or approved medical facility only
- d) Does not require sterile technique
- e) Can be performed by any person, not necessarily a doctor

**answer:c**

**35) Which of the following is TRUE regarding paracetamol (acetaminophen) toxicity?**

- a) Causes kidney damage directly
- b) Causes CNS depression primarily
- c) Causes liver damage by its toxic metabolites
- d) Causes gastric mucosal erosion
- e) Causes methemoglobinemia

**answer:c**

**36) Syrup of ipecac is contraindicated in all of the following EXCEPT:**

- a) Corrosive ingestion
- b) Comatose patient
- c) Hydrocarbon ingestion
- d) Patient with no gag reflex
- e) Person who did not vomit before

**answer:e**

**37) Which of the following findings is characteristic of a non-accidental burn (child abuse)?**

- a) Irregular burn margins with splash marks
- b) Accidental spill pattern on upper chest
- c) Uniform burn margins with absence of splash marks
- d) Isolated superficial burn over bony prominence
- e) Small scattered blisters on fingertips

**answer:c**

**38) Which of the following is FALSE regarding throttling (manual strangulation)?**

- a) Bruises and nail marks may be seen on the neck
- b) Fracture of hyoid bone may occur
- c) Congestion and petechial hemorrhages are common
- d) Presence of ligature mark
- e) Cyanosis may be present

**answer:d**

**39) Which of the following findings is characteristic of ligature strangulation (compared to hanging)?**

- a) Oblique mark above the thyroid cartilage
- b) Transverse mark at or below the level of thyroid cartilage
- c) Presence of cervical spine fracture
- d) Body found suspended with partial hanging
- e) Saliva dribbling from the mouth

**answer:b**

