

Sterilization and operating setup:

1) Which phase is drying and cooling phase in steam sterilization process?

- a. PHASE I
- b. PHASE II
- c. PHASE III
- d. PHASE IV
- e. PHASE V

2) Which of the following is the disinfectant of choice against hepatitis B virus:

- a. Hypochlorite
- b. Aqueous Glutaraldehyde
- c. Ethylene Oxide
- d. 70% Isopropyl Alcohol

3) Which of the following surgical team members considered scrubbed personnel?

- a. X-Ray Technician
- b. O.R. Technician
- c. Anesthesia Technician
- d. Anesthetists

4) First surgical hand scrub should be at least:

- a. 1 minute
- b. 2-3 minutes
- c. 5 minutes
- d. 7 minutes

Answers:

1st Question: D 2nd Question: A 3rd Question: B 4th Question: C

Shock and metabolic response:

1) Which one of these parameters will appear first and can be diagnosed for shock?

- a. Hypotension.
- b. Bradycardia.
- c. Decreased tissue perfusion.
- d. Tachycardia.

2) The most sensitive tissue to ischemia is:

- a. Muscle.
- b. Nerve.
- c. Skin.
- d. Adipose tissue.
- e. Bone.

3) Which one of the following doesn't cause hypovolemic shock?

- a. Hemorrhage

- b. Trauma.
- c. Surgery.
- d. Myocardial infarction (MI).
- e. Burns.

4) A 25 y/o driver sustained a car accident presented to the ER with flaccid paralysis, bradycardia, and hypotension. The most likely Dx:

- a. Neurogenic shock.
- b. Cardiogenic shock.
- c. Hypovolemic shock.
- d. None of the above.

5) The commonest cause of the previous case is:

- a. Massive external bleeding.
- b. Ischemic heart disease.
- c. Injury to the high thoracic spine.
- d. Internal bleeding.

Answers:

1st Questions: d 2nd Questions: b 3rd Questions: d 4th Questions: a 5th Questions: c

Surgical infectious and antibiotics:

1) A 40 yo female underwent left breast mastectomy presented with left arm edema ?

- a. Obstruction of lymphatic drainage
- b. Blood vessel damage
- c. Skin infection
- d. Complication of drugs

2) Patient has wound and came to the ER the registrar said for the intern suture it, the intern should check for which of the following vaccinations ?

- a. Tetanus
- b. Hepatitis
- c. Influenza

3) What is the most surgical infection?

- A. lymphadenitis
- B. cellulitis
- C. furuncle
- D. necrotizing

Answers:

1st Question: A 2nd Question: A 3rd Question: C

Wound healing and infection /injuries:

1- A patient came to the ER after sustaining a flame burn to his entire left upper arm, the burn area on this patient will be estimated as:

- a. 4.5%
- b. 9%
- c. 15%
- d. 18%

2- In a burn injury, which one of the following describes an area of potentially reversible cell damage:

- a. Zone of necrosis
- b. Zone of stasis
- c. Zone of hyperemia
- d. Zone of calcification

3- In wound healing, the key cell in inflammatory phase is:

- a-Fibroblast
- b. Macrophages
- c. PMN cells
- d. T-lymphocytes

Answers: B, B, B

IV fluid & acid base disorder:

1) What is the composition of 0.9% Saline?

- A) 130 mEq sodium, 109 mEq chloride, 28 mEq lactate.
- B) 154 mEq sodium, 154 mEq chloride.
- C) 513 mEq sodium, 513 mEq chloride.
- D) 855 mEq sodium, 855 mEq chloride.

2) Which of the following is correct regarding the composition of the body fluid compartments?

- A) The major intracellular cation is sodium.
- B) The major intracellular anions are proteins and phosphates.
- C) The major extracellular cation is potassium.
- D) The major extracellular anion is magnesium.

3) Which one is the right equation to calculate fluid requirement?

- A) Normal requirement + Amount of lost fluid per day + Insensible loss.
- B) Amount of lost fluid per day + Insensible loss.
- C) Normal requirement + Insensible loss.
- D) Normal requirement + Amount of lost fluid per day

Answers:

B, B, A

References:

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