

ATLS practice 2022 Questions With All the Correct Answers

Assessed first in trauma patient

correct answer- Airway

(*)Degree of burn that is characterized by bone involvement

correct answer- Fourth

Complications of head trauma

correct answer- Intracerebral hematoma

Extradural hematoma

Brain abscess

Most common cause of laryngotracheal stenosis

correct answer- Trauma

Intervention that can help prevent development of acute renal failure

correct answer- Infusion of normal saline

A 26-year-old male is resuscitated with blood transfusion after a motor vehicle collision that was complicated by a fractured pelvis. A few hours later, the patient becomes febrile, hypotensive with a normal CVP, and oliguric. Upon examination, the patient is found to be bleeding from the NG tube and IV sites. Which of the following is the most likely diagnosis?

A. Hemorrhagic shock

B. Acute adrenal insufficiency

C. Fat embolism syndrome

D. Transfusion reaction

correct answer- D. Transfusion reaction

Skin antiseptic

correct answer- -Ethanol 70% is an effective skin antiseptic

-Acetic acid can be used to treat Gram- skin infections

-Salicylic acid is used to treat certain skin yeast infections

Class IV hemorrhage indicates what % blood loss

correct answer- 55%

How does shivering affect body temperature

correct answer- Increases body temperature

Class III hemorrhage indicates what % of blood loss

correct answer- 35%

Management of a stable patient with kidney contusion

correct answer- Observation

Associated with hypovolemic shock

correct answer- -Inadequate tissue perfusion with resultant tissue hypoxia

-Blood shunting to vital organs

-Decreased circulating blood volume and decreased venous return

-Low cardiac output

-Loss of less than 20% of the blood volume is usually without symptom except for mild tachycardia

-Patients become orthostatic with losses between 20 and 40%

-Shock is evidenced by tachycardia, hypotension, oliguria, flat neck veins

The most effective method of monitoring the success of resuscitation during CPR?

correct answer- Reactivity of pupils to light

Used to ensure correct placement of endotracheal tube

correct answer- -Ultrasound

-Bilateral breath sounds

-Sustained end-tidal CO₂

Total body surface area involved in a burn in an adult to the anterior chest and abdomen

correct answer- 18%

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What is often caused by carotid massage?

correct answer- Bradycardia

Step in a patient diagnosed with tension pneumothorax

correct answer- 1. Needle decompression/ thoracotomy

2. Chest tube

True statements regarding diaphragmatic injuries

correct answer- -Blunt diaphragmatic injuries are usually associated with skeletal trauma

-Penetrating diaphragmatic injuries may be missed

-Repair of traumatic diaphragmatic injuries usually does not require prosthetic material

First priority in the treatment of an unconscious patient

correct answer- Checking the pulse

A patient involved in a road accident is brought to the emergency department in an unconscious state. On arrival, her vitals show a temperature of 96.4 degrees

Fahrenheit, a respiration rate of 24 breaths per minute, a heart rate of 140 beats per minute, and a blood pressure of 80/40 mm Hg. She is cold, shivering, and perspiring profusely. She has bilateral reactive pupils but she does not respond to pain. On physical examination, she has no obvious sign of external bleeding. Which of the following cannot be the cause of hypotension in this patient?

- A. Pelvic fracture
- B. Fracture of femur
- C. Intracranial hemorrhage
- D. Hemothorax

correct answer- C. Intracranial hemorrhage

A patient suffered a slash to his right neck. The wound is over the mid-portion of the sternocleidomastoid. There is a large hematoma and brisk bleeding when uncovered. He is stable. What is the next step in management?

- A. Get an angiogram
- B. Close the wound in the ER
- C. Take him to the operating room
- D. CT scan to evaluate neck structure

correct answer- C. Take him to the OR

After abdominal injury, which of the following urinalysis findings would be an indication for further testing?

- A. 0-5 casts/HPF
- B. 5-10 WBC/HPF
- C. 10-20 RBC/HPF
- D. Gross hematuria

correct answer- D. Gross hematuria

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A laceration of the neck superficial to the deep cervical fascia along the sternocleidomastoid muscle at its midpoint would cause bleeding from which structure?

correct answer- External jugular vein

Clinical features associated with tension pneumothorax

correct answer- Unilateral decrease in breath sounds

Hyperresonance

Respiratory distress

Tachycardia

Tracheal shift

Desaturation

Decreased breath sounds

Decreased compliance

Asymmetric chest movement

NOT hypertension, audible bronchial sounds

Not recommended as a mode of ventilation for a patient with a diaphragmatic hernia

- A. Bag and mask
- B. LMA
- C. Endotracheal intubation
- D. Jet ventilation

correct answer- A. Bag and mask

What is the next step in the assessment of a traumatic patient after airway is established?

correct answer- Breathing

Blood group that is considered a universal donor

correct answer- O

A provider is examining a patient who sustained a severe traumatic head injury. He documents no Doll's eyes. What does this signify?

correct answer- Brainstem injury

Which of the following is the least preferred method of administering IV fluids?

- A. Cubital veins
- B. Cephalic veins
- C. Subclavian veins
- D. Saphenous vein

correct answer- Subclavian veins

Dermatome level for nipple sensation

Dermatome level for umbilicus

correct answer- T4

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T10

At which temperature would a hypothermic patient stop shivering?

correct answer- 88 degrees F

What is the energy recommendation for the first defibrillation in an adult (*)

correct answer- 300 J

Pharmacologic effects of Morphine

correct answer- Behavioral changes

Analgesia

Respiratory depression

NOT diarrhea

A patient with which condition should be triaged to receive medical attention first?

A. Choking