



120

Compressions

Burn Emergencies Post-Test

1. **You are examining a 48 year-old patient who has been burned. You decide to use the rule of palm to measure the extent of the burn. What does this mean?**
 - a. The palm of your hand represents 1% of the body's surface area
 - b. The palm of the patient's hand equals about 1% of the body's surface area
 - c. The palm of the patient's hand equals 9% of the body's surface area
 - d. You can only use the rule of palm for children, so you would use the rule of nines instead
2. **Which of the following is a description of the rule of nines for an adult?**
 - a. The rule of nines assigns 9 percent to the head and neck, each upper extremity, the chest, the abdomen, the upper back, the lower back and buttocks, the front of each lower extremity, and the back of each lower extremity, then 1 percent to the genital region
 - b. The rule of nines assigns 9 percent to the head and neck, as well as each upper extremity; 10 percent to the chest, the abdomen, and the upper back; 8 percent to the lower back and buttocks, the front of each lower extremity, and the back of each lower extremity, then 1 percent to the genital region
 - c. The rule of nines assigns 9 percent to the head and neck, each upper extremity, the chest, the abdomen, the upper back, and the lower back and buttocks; 8 percent to the front of each lower extremity; and 10 percent for the back of each lower extremity, then 1 percent to the genital region
 - d. The rule of nines assigns 9 percent to the head and neck; 6 percent to each upper extremity; 12 percent to the chest and abdomen; 9 percent to the upper back, the lower back and buttocks, the front of each lower extremity, and the back of each lower extremity, then 1 percent to the genital
3. **Which of the following is not a major function of the skin?**
 - a. Excretion of wastes
 - b. Protection from the environment
 - c. Temperature regulation
 - d. Regulates the pH balance of the body
4. **Which of the following layers of the skin is the most important in insulating the body against heat loss?**
 - a. Parietal layer
 - b. Subcutaneous layer
 - c. Epidermis
 - d. Subdural layer
5. **While assessing a 78-year-old male patient who escaped an apartment fire with partial thickness burns to both arms, the healthcare provider must be aware of which of the following?**
 - a. Being involved in a crime makes the patient part of the chain of evidence, requiring a police officer to ride with you to the hospital
 - b. The burn is the most serious injury to the patient
 - c. Medical conditions may be aggravated by the burn

- d. The patient may need to be questioned by police and fire officials about the cause of the fire
- 6. Burns pose a greater risk to infants and children for which of the following reasons?**
- a. Pediatric patients have a greater risk of heart problems associated with the burn
 - b. Pediatric patients have a greater risk of shock from the burn
 - c. Infants and children have a greater risk of infection from the burn
 - d. None of the above
- 7. You are treating a 5-year-old for extensive burns. You know that burns pose a greater risk to infants and children. The reason for this is:**
- a. The parents' interference with your assessment and treatment can delay your response
 - b. The child will likely be upset and crying and therefore hard to evaluate
 - c. Child abuse is usually the reason for the burns
 - d. Their body surface area is greater in relation to their total body size.
- 8. Which of the following best describes a partial thickness burn?**
- a. The skin is red, but dry and painful
 - b. The skin is charred or blackened and lacks sensation
 - c. The skin is white and dry with no sensation of pain
 - d. The skin is red and moist with blister formation.
- 9. A burn extending into the subcutaneous fat would be classified as which type of burn?**
- a. Deep partial thickness
 - b. Full thickness
 - c. Superficial partial thickness
 - d. Superficial
- 10. Which of the following is a consideration in determining a burn's severity?**
- a. Other illnesses or injuries the patient may have
 - b. Body surface area (BSA) involved in the burn
 - c. The type of agent that caused the burn
 - d. All of the above
- 11. According to the rule of nines for infants and young children, the patient's head and neck account for what percentage of the total body surface area?**
- a. 1 percent
 - b. 14 percent
 - c. 9 percent
 - d. 18 percent
- 12. Your patient is a 40-year-old male who has been exposed to a dry chemical powder and is complaining of severe pain on both of his hands, the site of the contact. He is working in an illegal chemical manufacturing plant and there is no decontamination shower on site. Which of the following would be the best way to manage this situation?**
- a. Have the fire department connect to a hydrant and spray down the patient from head to toe
 - b. Brush away as much powder as possible and then pour a bottle of sterile saline solution over his hands
 - c. Brush away as much of the powder as possible and then have the patient hold his hands under running water from a faucet or regular garden hose.