CME POST-TEST
All post-tests must be completed and submitted online.

EXPIRATION DATE: APRIL 2022

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INPATIENT CARDIAC ARREST

1. **Which statement is correct about the outcomes of patients suffering a cardiac arrest?**
   a. About 26% of patients with an out-of-hospital cardiac arrest survive to hospital discharge.
   b. Most cardiac arrests in the United States occur while the patient is in the hospital.
   c. About 26% of patients with an inhospital cardiac arrest survive to hospital discharge.
   d. A lower proportion of patients survive inhospital arrests with a good outcome than those with out-of-hospital arrests.

2. **Which is the leading cause of morbidity and mortality in patients with cardiac arrest?**
   a. delayed recognition of the cardiac arrest
   b. low defibrillator operational skills
   c. inadequate pharmacologic therapy
   d. poor CPR skills

3. **Which is the most important factor in attaining ideal chest compression technique?**
   a. making sure the patient is comfortable
   b. performing chest compressions with the patient laying on a mattress
   c. careful compressions to avoid rib fractures
   d. ensuring an appropriate rate, depth, and release

4. **Which statement is correct about airway management?**
   a. It consists of asynchronous ventilation in a 16:1 ratio of compressions to breaths.
   b. It consists of asynchronous ventilation in a 30:2 ratio of compressions to breaths.
   c. Once an advanced airway is in place, deliver breaths at a rate of 20 per minute in a synchronous fashion without pauses.
   d. The volume delivered should be the amount necessary to induce a 6-in chest rise.

5. **Which of the following is *not* likely to contribute to better outcomes in patients who suffer inpatient cardiac arrest?**
   a. frequently training rapid response and code teams, ideally with regular simulation exercises including mock codes
   b. reducing time to starting compressions while ensuring minimal time off the chest
   c. increasing the number of healthcare providers in the room
   d. choosing the airway management approach that would most benefit the patient

HUNTINGTON DISEASE

6. **Which statement is correct about Huntington disease?**
   a. Huntington disease is five times more common in patients of European descent compared with those of pure African or Asian descent.
   b. In the United States, the prevalence of Huntington disease, also known as Huntington chorea, is estimated to be 17 per 100,000.
   c. Huntington disease is a rare progressive neurodegenerative genetic disorder with an annual incidence of 0.38 per 100,000.
   d. The worldwide prevalence of Huntington disease is 12.71 per 100,000.

7. **Huntington disease is inherited in which genetic mode?**
   a. autosomal dominant
   b. autosomal recessive
   c. X-linked dominant
   d. X-linked recessive

8. **Which statement is correct about symptoms of Huntington disease?**
   a. Symptom onset typically occurs between ages 20 and 50 years.
   b. Symptom onset typically occurs between ages 30 and 50 years.
   c. Median survival of a patient with Huntington disease is 5 to 10 years after symptom onset.
   d. Median survival of a patient with Huntington disease is 20 to 25 years after symptom onset.

9. **What is the most common initial clinical manifestation of Huntington disease?**
   a. bradykinesia
   b. dementia
   c. incontinence
   d. chorea

10. **What is the gold standard test for diagnosing Huntington disease?**
   a. comprehensive metabolic panel
   b. genetic testing for CAG repeats in the HTT gene
   c. thyroid studies
   d. toxicology screening