MALIGNANT HYPERTERMIA TEST

1. Malignant Hyperthermia is an inherited disorder, potentially lethal, and can be precipitated by the administration of inhalation anesthetic agents.
   True___________  False__________

2. MH can be precipitated by
   a. Succinylcholine
   b. Inhalations anesthetic agents
   c. Stress
   d. All of the above

3. MH causes the muscles to contract causing an increased production of Carbon Dioxide and heat.
   a. True_____________ False_________

4. One of the early signs of an MH crisis is:
   a. Muscle flaccidity
   b. Increase in End Tidal CO2
   c. Hypothermia
   d. Renal failure

5. Risk factors for Malignant Hyperthermia include all of the following except:
   a. A family history of MH
   b. Personal history of death following surgery
   c. A history of cola-colored urine following surgery
   d. A history of muscle or neuromuscular disorders

6. Dosing with Dantrolene begins at
   a. 2.5mg/ kg
   b. 30 mg/ kg
   c. 2 vials
   d. 36 vials

7. Dantrolene is supplied in 20mg vials. For an 80 Kg patient you would need to give ___________ vials of Dantrolene initially.
   a. 6 vials
   b. 8 vials
   c. 10 vials
   d. 36 vials
8. MH can occur or recur outside the OR up to 12 hours after exposure to the triggering agents

TRUE_______________ FALSE___________

9. The MH cart is kept:
   a. In SPD
   b. In the OR Storeroom
   c. In the Core near the Crash Cart
   d. In OR 5 with everything else

10. Why does the Oxygen Saturation Level decrease during an MH crisis when the patient has oxygen being given per endotracheal tube?
    a. The body can’t exchange gases in the lungs
    b. The skeletal muscle tissue is consuming large amounts of oxygen
    c. The heart isn’t circulating blood as quickly
    d. The kidneys are excreting it in large quantities

11. Why does the urine become cola-colored?
    a. Too much Pepsi
    b. Myoglobin is released from the muscles and is excreted through the kidneys, turning it dark
    c. The patient is developing a Urinary Tract Infection
    d. The urine is concentrated

12. If you are genetically tested for MH Sensitivity, and it comes back negative, you are not MH susceptible.
    TRUE_______________ FALSE___________

13. Where is the nearest place to get ice packs?
    a. PACU fridge freezer
    b. Smoothie machine in Garden Cafe
    c. Locker room ice machine
    d. OB Dept.

14. When doing a muscle biopsy test for MH what 2 agents is the tissue exposed to:
    a. Succinylcholine and Oxygen
    b. Myoglobin and Halothane
    c. Propofol and Succinylcholine
    d. Halothane and Caffeine

15. Why is a report sent to MHAUS?
    a. So that statistics can be compiled on geographic concentrations of families
    b. So that follow up testing can be arranged
    c. So that the patient can be informed about MH and its management
    d. All of the above