

Laser Safety 2020 – Periop
TEST

1. The first line of defense from surgical laser plume is:
 - a. Standing 3 feet away from the OR table
 - b. Smoke evacuation device placed no more than 2" from operative site
 - c. Suction
 - d. N95 mask

2. Airway fires require:
 - a. Removing the endotracheal tube and turning off the oxygen
 - b. Removing all flammable and burning substances from the airway
 - c. Pouring saline into the airway
 - d. Re-establishing the airway
 - e. Consider bronchoscopy to assess airway damage
 - f. All of the above

3. Safe control of the laser includes:
 - a. Surgeon only foot switch placement
 - b. Limited access to the laser key
 - c. Putting the laser on standby when not actively used
 - d. All of the above

4. What safety steps are taken to prevent lasers from being an ignition source and fire hazard?
 - a. Alcohol based prep solutions are not used
 - b. Sponges and drapes near the surgical site are kept dry
 - c. Use 100% O₂ to ventilate the patient
 - d. All of the above

5. How do you determine the wavelength of a laser?
 - a. Manufacturers equipment label
 - b. Corresponding laser sign
 - c. Manufacturers Operator Manual
 - d. All of the above

6. It is acceptable to depress the laser foot pedal for the surgeon if directed to do so.
 - a. True
 - b. False

7. Windows in laser treatment rooms may be covered with _____ for safe laser use.
 - a. Towels taped to window frame
 - b. Laser approved window shields
 - c. No covers required
 - d. Both A and B

8. Laser eyewear must be worn by which members of the surgical team?
 - a. Surgeon
 - b. Circulating RN
 - c. Surgical scrub
 - d. Anesthesia
 - e. All of the above

9. It is acceptable for the operating room door to be open during laser use.
 - a. True
 - b. False

10. The nominal hazard zone is defined as the area surrounding the laser in which exposure to the beam is potentially dangerous. This area includes:
 - a. Only the area on the patient's body being treated with the laser
 - b. Only a 2 foot area surrounding the laser
 - c. The entire procedure or treatment room
 - d. None of the above