

1. **What is the primary use of the TOF 3D Neuromuscular Transmission Monitor?**
  - a) To measure oxygen levels in the blood
  - b) To monitor heart rate during surgery
  - **c) To measure the depth of neuromuscular blockade in patients under anesthesia**
  - d) To monitor brain activity
2. **Which stimulation method is considered the gold standard for quantitative monitoring, despite being impractical for use in the operating theatre?**
  - a) Acceleromyography (AMG)
  - b) Electromyography (EMG)
  - **c) Mechanomyography (MMG)**
  - d) Double Burst Stimulation (DBS)
3. **What type of batteries does the TOF 3D require?**
  - a) 2x AA Alkaline batteries
  - **b) 4x AA Alkaline batteries**
  - c) 2x AAA Alkaline batteries
  - d) 4x D-cell batteries
4. **Which stimulation mode is used for monitoring deep muscular blockade and involves a 50 Hz stimulation over 5 seconds?**
  - a) Single Twitch
  - **b) Post Tetanic Count (PTC)**
  - c) Double Burst Stimulation (DBS)
  - d) Train of Four (TOF)
5. **What is the difference between subjective and quantitative monitoring in the context of the TOF 3D?**
  - a) Subjective monitoring is based on visual observation, while quantitative monitoring is measured and repeatable.
  - **b) Subjective monitoring is carried out by the operator, while quantitative monitoring is carried out by the device.**
  - c) Subjective monitoring requires electronic equipment, while quantitative monitoring is done manually.
  - d) Subjective monitoring uses electrical impulses, while quantitative monitoring uses sound waves.
6. **What is the recommended placement for the hand adapter to achieve a stronger acceleration signal in the TOF 3D?**

- a) Near the wrist
- b) On the palm
- **c) Centrally on the thumb**
- d) On the forearm

7. **What does the TOF (Train of Four) stimulation mode measure?**

- a) Cardiac output during anesthesia
- **b) The degree of neuromuscular blockade**
- c) Blood pressure response to anesthesia
- d) Reflexes during surgery

8. **What types of adapters are available for use with the TOF 3D?**

- a) Neck, wrist, and foot adapters
- **b) Hand, thumb, and eye adapters**
- c) Shoulder, hip, and ankle adapters
- d) Elbow, knee, and ear adapters

9. **Which cleaning products are recommended for use on the TOF 3D according to NHS requirements?**

- a) Lysol Disinfectant Spray and Clorox Wipes
- **b) Clinell Universal Wipes and Clinell Sporidical Wipes**
- c) Purell Hand Sanitizer and Dettol Surface Cleaner
- d) Sani-Cloth Wipes and Virex All-Purpose Cleaner

10. **Why is quantitative monitoring preferred over subjective monitoring in the context of the TOF 3D?**

- a) It is cheaper and easier to perform.
- b) It allows for visual observation of muscle responses.
- **c) It is more reliable, reproducible, and objective.**
- d) It does not require any electronic devices.