

# EZ – IO Quiz

## Multiple Choice

1. The EZ-IO is indicated for:
  1. Immediate vascular access in emergencies
  2. Altered level of consciousness
  3. Respiratory compromise
  4. Hemodynamic instability
    - A. 2,3,& 4
    - B. 1,2,& 3
    - C. 3 & 4 only
    - D. All of the above
  
2. Contraindications for use of the EZ-IO include which of the following:
  1. Altered level of consciousness
  2. Fracture
  3. Infection at the insertion site
  4. Inability to locate landmarks or excessive tissue
    - A. 2,3, & 4
    - B. 1,2, & 3
    - C. 1,2,& 3
    - D. All of the above
  
3. Which of the statements concerning placement of the EZ-IO are correct?
  1. Grip the driver lightly & avoid excessive insertion force.
  2. Maintain a 90 degree angle to the bone during insertion
  3. Monitor the insertion site for signs of extravasation
  4. Avoid attaching a syringe directly to the EZ-IO catheter
    - A. 1,2, & 3
    - B. 2,3, & 4
    - C. 1,3, &4
    - D. All of the above
  
4. EZ-IO PD Needle set insertion is most often appropriate for:
  - A. Patients weighing 40 kg or greater
  - B. Patients weighing 3-39 kg who “fit” the “Broselow Tape”
  - C. Any patient who is hemodynamically unstable
  - D. All of the above.

5. The EZ-IO solution for pediatric IO access includes the EZ-IO PD and the EZ\_IO AD Needle sets. The solution is based on the patient's Size and Weight.
- True
  - False
6. The majority of historic complications related to IO placement include:
- Extravasation resulting from improper insertion technique
  - Limited or no flow resulting from failure to flush the catheter
  - Dislodgement from excessive or aggressive movements
  - All of the above.
7. If your IO placement is unsuccessful you should attempt a second insertion in the same extremity.
- True
  - False
8. For the awake patient consider:
- Greater than 40kg: 20-40 mg of 2% (preservative free) Lidocaine IO prior to initial bolus or flush.
  - 3-39 kg: 0.5 mg/kg of a 2% (preservative free) Lidocaine IO prior to initial bolus or flush.
- General sedation with Fentanyl & Versed
  - Full body restraints
  - All of the above
- 1 & 2
  - 3 & 4
  - 5
  - 4 only
3. Which of the following is a cleared EZ-IO insertions site:
- Proximal Tibia
  - Distal Tibia
  - Proximal Humerus
  - All of the above

