

LCFD

OFFLINE MEDICAL CONTROL

- This identifies the vertical line of insertion on the proximal humerus
- Palpate deeply up the humerus to the surgical neck
- This may feel like a golf ball on a tee – the spot where the “ball” meets the “tee” is the surgical neck
- The insertion site is 1 to 2 cm above the surgical neck, on the most prominent aspect of the greater tubercle

EZ-IO® Proximal Humerus Insertion Technique – Infant/Small Child

- Prepare the site by using antiseptic of your choice
- Use a clean, “no touch” technique
- Remove the needle set cap
- Point the needle set tip at a 45-degree angle to the anterior plane and posteromedial
- Push the needle set tip through the skin until the tip rests against the bone
- The 5mm mark must be visible above the skin for confirmation of adequate needle set length
- Gently drill, immediately release the trigger when you feel the loss of resistance as the needle set enters the medullary space
- Avoid recoil – do NOT pull back on the driver when releasing the trigger
- Hold the hub in place and pull the driver straight off
- Continue to hold the hub while twisting the stylet off the hub with counter clockwise rotations
- The catheter should feel firmly seated in the bone (1st confirmation of placement)
- Place the stylet in a sharps container
- Place the EZ-Stabilizer dressing over the hub
- Attach a primed EZ- Connect® extension set to the hub, firmly secure by twisting clockwise
- Pull the tabs off the EZ-Stabilizer dressing to expose the adhesive, apply to the skin
- Aspirate for blood/bone marrow (2nd confirmation of placement)
- Secure the arm in place across the abdomen

Adult Pain Control (Lidocaine) :

- Prime EZ-Connect® extension set with lidocaine
 - *Note that the priming volume of the EZ-Connect® extension set is approximately 1.0 mL*
- Slowly infuse lidocaine 40 mg IO over 120 seconds (2% preservative and epinephrine free lidocaine (intravenous lidocaine) will be used)
- Allow lidocaine to dwell in IO space 60 seconds
- Flush with 5-10 mL of normal saline
- Slowly administer an additional dose of lidocaine IO (typically 20 mg) over 60 seconds
- Contact OLMC for repeat doses of Lidocaine

Pediatric Pain Control (Lidocaine) :