

## Pearls of IO Access

If you encounter any problems with the EZ-IO® call the 24 hour EMERGENCY HOTLINE 1-800-680-4911



### POWER DRIVER

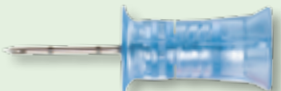
- Drivers are sealed and not intended to be opened. Batteries are not replaceable.
- Follow the driver's Directions for Use when cleaning.
- Do not use excessive force during insertion. Let the driver do the work.

### EZ-IO NEEDLE SETS

- Single use only.  
*Ensure packaging has not been damaged.*
- Consider patient weight and tissue density in needle selection.



◀ 15mm (Pink) Needle Sets may be considered for patients 3-39 kg.



◀ 25mm (Blue) Needle Sets may be considered for patients 40 kg and greater.



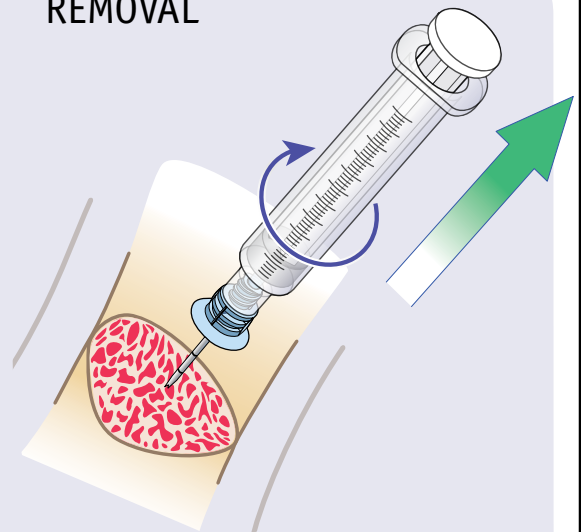
◀ 45mm (Yellow) Needle Sets should be considered for the proximal humerus, on patients greater than 40kg, and patients with excessive tissue over other insertion sites.



◀ **NOT STERILE!** Training (Red) Needle Sets are for training only.

- To confirm appropriate needle selection, a black line on the needle must be visualized after insertion through the tissue.

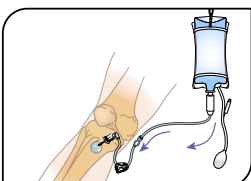
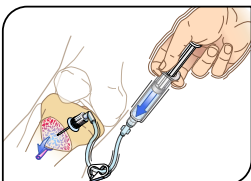
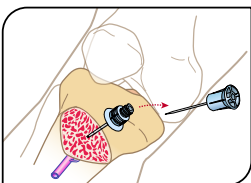
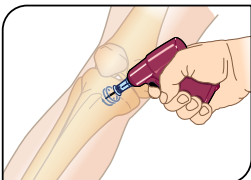
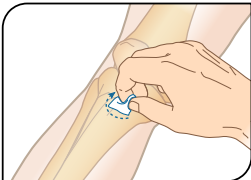
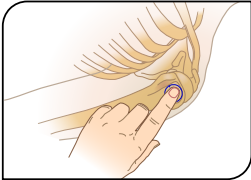
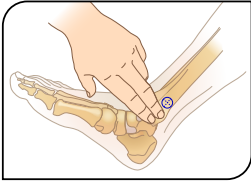
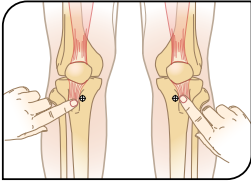
### REMOVAL



- Remove within 24 hours.
- Stabilize extremity.
- Connect sterile Luer-lock syringe.
- Rotate clockwise while pulling straight up. Avoid rocking the needle on removal.
- Place removed catheter in an approved sharps container.
- Remove EZ-IO® wrist band.

## Pearls of IO Access (Continued)

### EZ-IO<sup>®</sup> Usage Tips



#### INITIAL CARE

##### Pain

- Consider IO 2% lidocaine without preservatives or epinephrine (cardiac lidocaine) for patients responsive to pain – prior to flush.

##### *Follow institutional protocols/policy.*

- Medications intended to remain in the medullary space, such as a local anesthetic, must be administered very slowly until the desired anesthetic effect is achieved.

**A Medical Director or qualified prescriber must authorize appropriate dosage range.**

- Flush the EZ-IO<sup>®</sup> catheter with 10 ml of sterile solution – some patients may require multiple flushes.
- Regulate fluid delivery for all patients, and take patient condition into account with amounts delivered.
- Consider using the EZ-Stabilizer for infants and pediatric patients.
- **NO FLUSH = NO FLOW.**

#### AFTERCARE

- Following EZ-IO<sup>®</sup> catheter removal, apply gentle pressure and dress site appropriately.
- Patient should be able to resume normal activities immediately.
- Patient should be directed to contact their physician if they experience signs and symptoms of infection at or around the insertion site.

#### LABORATORY CONSIDERATIONS

- Draw 2-3ml for waste before collecting sample for laboratory analysis.
- Transfer blood samples to test tubes immediately, as IO blood clots faster than venous blood (a heparinized syringe may be used).
- Label sample to indicate it is IO blood.

