

INDICATIONS FOR USE:
For intraosseous access anytime in which vascular access is difficult to obtain in emergent, urgent or medically necessary cases.

INSERTION SITE INSTRUCTIONS:**ADULTS:**

- Proximal humerus
- Proximal tibia
- Distal tibia
- Distal femur
- Proximal humerus
- Proximal tibia
- Distal tibia
- Distal femur

CONTRAINdications FOR USE:

- Fracture in target zone.
- Previous, surgical or traumatic procedure at the site, prosthetic limb or joint.
- Age less than 12 years old (target bone within past 48 hours).
- Infection at the site of insertion.
- Potential side effects include pain, inflammation, bleeding at the insertion site, extravasation, infiltration, osteonecrosis, compartment syndrome.
- Use aseptic technique.
- Previous, surgical or traumatic procedure at the site, prosthetic limb or joint.
- Edema may be taken during insertion and site monitoring when used in patients with bone diseases that increase the likelihood of fracture, extravasation and dislodgement.
- Do not recap Needles Sets if reconnected; separated components, the hub and sharp disposal personnel can cause significant tissue damage or may cause infection.
- Bone fractures, especially in children, may cause significant tissue damage or may cause infection.
- Use aseptic technique.
- Monitor patient for signs of extravasation, infiltration, located inflammation, changes in infusion rates or dislodgement, particularly in the first half hour after insertion, anytime the IO catheter is manipulated or after patient transport, and during infusion of vasoconstrictors. If extravasation or infiltration occurs, immediately flush the catheter hub with saline during all infusions. This is especially important for high-risk patients (elderly, pediatric, patients in shock, coagulopathy, decreased immunity, obese, etc.).
- Place the patient in a position of relaxation. Instruct patients and caregivers to return patient to the hospital for any problems in the limb to include a change in the limb appearance (thrombocytopenia, swelling, pain, warmth, paresthesias, fever, and prolonged discomfort).

WARNINGS AND PRECAUTIONS FOR EZ-IO® INTRAOSEOUS VASCULAR ACCESS SYSTEM:**CAUTIONS:**

- Use aseptic technique.
- Previous, surgical or traumatic procedure at the site, prosthetic limb or joint.
- Edema may be taken during insertion and site monitoring when used in patients with bone diseases that increase the likelihood of fracture, extravasation and dislodgement.
- Do not recap Needles Sets if reconnected; separated components, the hub and sharp disposal personnel can cause significant tissue damage or may cause infection.
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EZ-10® NEEDLE SETS: DESCRIPTION

- Comprised of Catheter with Luer-lock connection, Stylet, Safety Cap.
- 15 gauge, 304 stainless steel in 25 mm, 45 mm lengths.
- Sterile, non-pyrogenic, protective packaging.
- Intended for use with EZ-10® Power Driver.

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