

## EZ-IO® VASCULAR ACCESS NEEDLE SETS (15/25/45MM)

From: \$935.33

Fast Access Made Easy

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SKU: 35-001



### PRODUCT DESCRIPTION

The MARCH™ EZ-IO® Vascular Access Needle Sets provide rapid, smooth entry into the bone's medullary cavity, creating an immediate conduit to the central circulation. The intraosseous (IO) space is a specialized area of the vascular system where blood flow is rapid and continues even during shock. Drugs and fluids infused via the intraosseous route reach the central circulation as quickly as those administered through standard IV access.

The EZ-IO® Vascular Access Needle Sets contain 5, 15GA needles that are constructed with 304-stainless steel and includes a patented cutting tip. Insertion is gentle, fast and relatively painless, and is particularly beneficial for casualties that may require multiple IV sticks to obtain vascular access for medication. All needle sets come sealed in a hard canister and are accompanied with: 5 needles, 5 EZ-Connects®, and 5 wrist bands and directions for use.

#### The EZ-IO Needle Sets come in three different sizes:

- **15 mm PD Needle Set (Box of 5, Pink Hub Item #35-018)**  
Designed for use with patients from 6-85 lbs. in weight or in casualties with minimal tissue over insertion sites.
- **25 mm AD Needle Set (Box of 5, Blue Hub Item #35-001)**  
Designed for any casualties over 85 lbs. or for those who have too much tissue over the insertion site for the 15 mm needle set to be used.
- **45 mm LD Needle Set (Box of 5, Yellow Hub Item #35-079)**  
Designed for patients weighing more than 85 lbs. or for those who have excessive tissue over the targeted insertion site (e.g. edema, large musculature, obesity). The 45mm LD Needle Set provides the length to effectively gain access to the intraosseous space on most patients and is

ideal for the humerus site.

## PRODUCT INFO

- **FAST:** Vascular access and good flow in 90 seconds<sup>2</sup>
- **EFFICIENT:** 97% first-attempt access success rate<sup>3</sup>
- **SAFE:** <1% serious complication rate<sup>1</sup>

## Product Attributes

- EZ-IO Set Components:
  - Needle:
    - 15 gauge
    - 304-stainless steel design
    - Black indicator lines are located at 5 mm increments from the hub for assessing insertion depth.
  - NeedleVise® sharps block
  - EZ-Connect® IV extension set
  - Wristband (pink for extremity alert)
- Designed for use with any EZ-IO® Power Driver
  - Battery power makes insertion effortless and controlled
  - Simple and speedy IO insertion

## Clinical Benefits

- Equivalent to IV for effectively delivering fluids and medications within seconds
- Drug delivery equivalent to central venous catheter
- Effective, safe, multi-site placement for combat casualties
- Requires minimal additional equipment or resources<sup>4</sup>

## SPECIFICATIONS

- Box Dimensions: 4.75" H x 4.25" W x 3.5" D
- Weight: 6 oz

## REFERENCES

**1** Vidacare internal data on file 2014.

**2** Paxton JH, Knuth TE, Klausner HA. Proximal humerus intraosseous infusion: a preferred emergency venous access. *J Trauma*. 2009;67(3):1-7.\*

**3** Cooper BR, Mahoney PF, Hodgetts TJ, Mellor A. Intra-osseous access (EZ-IO®) for resuscitation: UK military combat experience. *J R Army Med Corps*. 2007;153(4):314-316.

**4** Dolister M, Miller S, Borron S, et al. Intraosseous vascular access is safe, effective and costs less than central venous catheters for patients in the hospital setting. J Vasc Access 2013;14(3):216-24. doi:10.5301/jva.5000130.\*

**5** Philbeck TE, Miller LJ, Montez D, Puga T. Hurts so good; easing IO pain and pressure. JEMS 2010;35(9):58-69.\*

**6** Vidacare Internal Studies (2013); data on file. Average time for medication infusion from humerus to the right atrium with EZ-IO<sup>®</sup> Device; individual results may vary.

## **PRODUCT CODES**

### **PR Code:**

**15mm (Pink):** 35-018

**25mm (Blue):** 35-001

**45mm (Yellow):** 35-079

### **NSN:**

**15mm:** 6515-01-537-9013

**25mm:** 6515-01-537-9007

**45mm:** 6515-01-577-0312