



ADDITIONAL INFORMATION

Weight	0.14 kg
Dimensions	19.5 × 4 × 8.5 cm
Carton Qty	24
Pricing Unit	Unit/1
Size	Paediatric
Min Order Qty	1
UNSPSC Code	42142620
Tax Schedule	Taxable
Is Serialized Item	No
Is Dangerous Good	No

PRODUCT DESCRIPTION

NIO Paediatric = New Intraosseous Device

NO DRILLS, BATTERIES, OR EXTRA PARTS. MEET THE NEW IO.

NIO offers unparalleled performance, ergonomics and usability for rapid and safe intraosseous access to multiple locations.

NIO is a simple, automatic IntraOsseous (IO) device ready to use for safe, quick and easy vascular access.

NIO is used in emergency situations when vascular access is needed for fluid and drug administration. NIO is small, light, and easy to use in even the most demanding situations.

NIO is designed to be easily injected into either the tibia or the humerus in all clinical settings.

Features:

- Sterile
- Ready To Use

- User-friendly
- No exposed needle
- Pocket-sized & lightweight ~100g
- Needle Gauge 18G
- No external power source or battery
- Vascular access in 10 seconds
- Disposable and single use
- No maintenance required
- Safety features
- 5-year shelf life

The NIO Pediatric features an innovative **stabilizer hub** which serves four functions:

- Unique location arrows aid insertion site identification
- Needle stabilizer assists in securing the needle to the limb.
- Adjustable needle penetration depth means one device can accommodate a wide range of pediatric patients
- Mechanical stopper limits needle depth, preventing over-penetration

CLINICALLY PROVEN SUCCESS

SAFE ON THE BONE.

The NIO has proven to be safe on the bone and resulted in zero incidents of bone fracture as observed by post-insertion x-rays.

EASILY TOLERATES COMMON USER ERRORS.

A recent study evaluated common user errors related to needle placement and found that even when placed up to 5cm from the correct insertion site, the NIO maintained an 85% success rate.

FIRST ATTEMPT SUCCESS RATES AS HIGH AS 98%.

Initial studies demonstrated an overall average success rate of 91.3% for the proximal tibia and 93.1% for the humeral head. The New York Institute of Osteopathic Medicine conducted an additional study which established a proximal tibia success rate of over 98%.

“...the **first attempt success rate** for inserting an NIO in the tibia was **98%**, Humerus **91%...**”
NEW YORK INSTITUTE OF TECHNOLOGY COLLEGE OF OSTEOPATHIC MEDICINE

Product Specifications

Dimensions	148.55mm (5.9in) L 64.5mm (2.6in) W 43.7mm (1.72in) H
Weight	85.6g
Packaging	Packed individually in a peel-back blister pack
Needle Gauge	18G
Needle Effective Length	38.1 mm (1.5in)
Needle Penetration Depth	3-9 years: 14mm (Leave red spacer intact) 9-12 years: 18 mm (Remove red spacer)
Safety Mechanism	1. Rotating safety latch prevents accidental activation 2. Simultaneously compressing the device against the skin while squeezing the trigger wings activates device
Shelf Life*	5 years

Specifications are subject to change without notice.

*From date of manufacture

This product is not a substitute for direct medical attention from a healthcare practitioner. Always read the label and follow the directions for use.

NIO Paediatric Intraosseous device