

# Can't Find a Vein? THINK **BiG!**

:05 :10 :15 :20 :25 :30 :35 :40 :50 :55



## BONE INJECTION GUN INTRASOSSEOUS INFUSION

With the help of the Bone Injection Gun™, IO infusion can be established in less than 60 seconds. The B.I.G. presents an easy and safe "position and press" mechanism.

Models Available in both:

**ADULT & PEDIATRIC**

**Any Patient, Anytime, Anywhere**

The world's first automatic IO device available

# BiG

SIMPLY SAVING LIVES



INTRASOSSEOUS  
access within  
**SECONDS**

### Adult Bone Injection Gun

part# BIG-A

nsn# 6515-01-518-8487

### Pediatric Bone Injection Gun

part# BIG-P

nsn# 6515-01-518-8497



  
PERSYS MEDICAL



# INTRAOSSEROUS INFUSION

## ADULT **BiG**



- Needle diameter: 15 gauge
- Multiple penetration sites

Recommended Needle Penetration Depths:

Proximal Tibia	Humerus
2.5 cm (1 in)	2.5 cm (1 in)

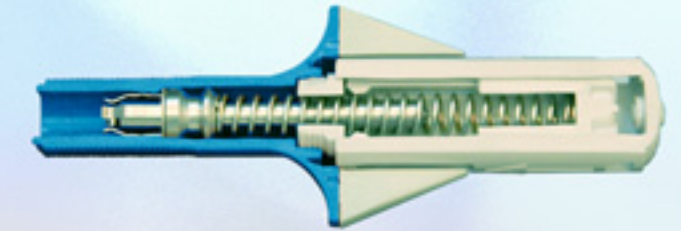
### Needle & Spring Design

A. Before the Adult B.I.G. is triggered, the spring is coiled under pressure and is held by a red safety latch to prevent misfiring.



B. After the red safety latch is removed and the B.I.G. device is triggered under direct pressure, the spring is released and drives the needle.

Note: Exit hole at the end of barrel is "off center" as a safety feature.



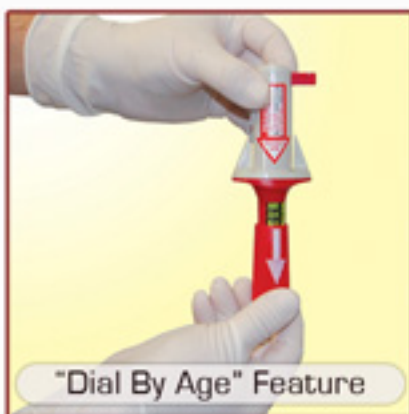
## PEDIATRIC **BiG**



- Needle diameter: 18 gauge
- "Dial by age" - automatically sets needle depth

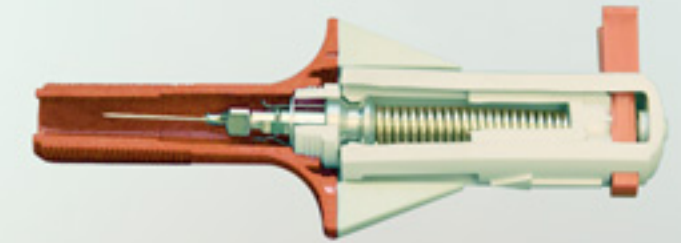
Recommended Needle Penetration Depths:

Age	Proximal Tibia
Infants 0 - 3 years	0.5 - 0.7 cm (0.2 - 0.3 in)
Children 3 - 6 years	1.0 - 1.5 cm (0.4 - 0.6 in)
Children 6 - 12 years	1.5 cm (0.6 in)



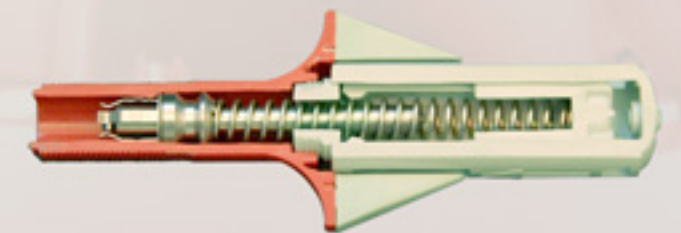
### Needle & Spring Design

A. Before the Pediatric B.I.G. is triggered, the spring is coiled under pressure and is held by a red safety latch to prevent misfiring.



B. After the red safety latch is removed and the B.I.G. device is triggered under direct pressure, the spring is released and drives the needle.

Note: Exit hole at the end of barrel is "off center" as a safety feature.



### Both Models Include the Following Features:

- Ready-to-use, no maintenance required
- Disposable, automatic spring-loaded trocar needle
- Safe - No direct contact with patient's blood
- Usable in extreme conditions
- Minimal risk of complications
- Rapid learning curve for caregivers
- Pocket size - 6.5 x 3 in. (16.5 x 7.6 cm)
- Lightweight (Less than 3 oz.)
- 5 year shelf life
- FDA and CE approved