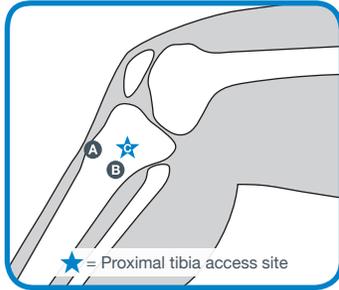


# ACCESS SITE LOCATING



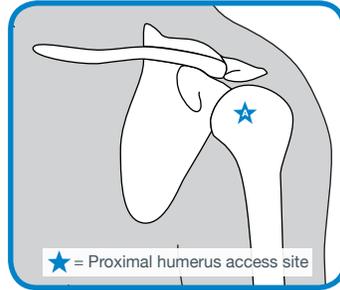
## NIO Adult



### LOCATING THE PROXIMAL TIBIA

- A:** Tibial tuberosity
- B:** 2cm (1in) medially, towards inner leg
- C:** 1cm (.5in) superior, towards knee

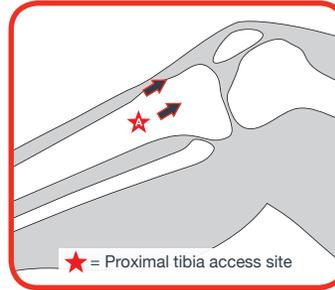
## NIO Adult



### LOCATING THE PROXIMAL HUMERUS

- A.** Adduct patient's arm with hand over umbilicus. One hand bisects the arm at the deltoid, while the other hand bisects the axilla anteriorly. Rotate hands inward until the thumbs meet. Palpate the surgical head of the humerus with your thumbs, then move 1cm (.5in) upward to the greater tubercle.

## NIO Pediatric

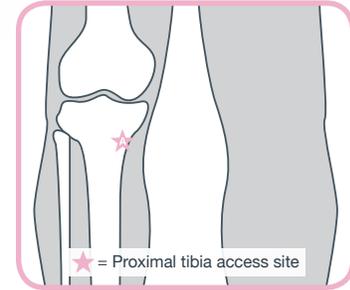


### LOCATING THE PROXIMAL TIBIA

This device features locating arrows which aid in access site landmarking.

- A.** To operate, place the designated locating arrow (R for right leg, L for left leg) on the prominent aspect of the tibial tuberosity, aligned parallel to the long axis of the tibia. Locating arrows should be pointing up towards the patient's knee.

## NIO Infant



### LOCATING THE PROXIMAL TIBIA

- A.** Locate tibial tuberosity and extend patient's leg. Insertion site is approx. 1cm medial to the tibial tuberosity, or just below the patella (approx. 1cm or one pinky finger width) and slightly medial (approx. 1cm or one pinky finger width), along the flat aspect of the tibia.

Use your non-dominant hand to hold and stabilize the limb. Pinch patient's tibia between your fingers to identify the medial and lateral borders and locate the center.

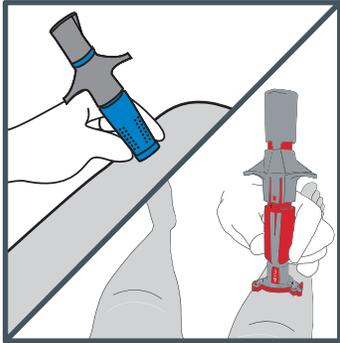


# S.U.P.S.

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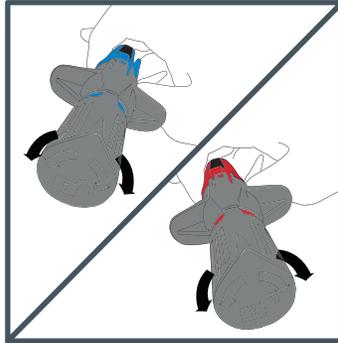
nio  
PEDIATRIC

**Note:** Prior to deploying the NIO™ Pediatric, ensure that the penetration depth indicator correlates with the patient's age. For 3-9 year olds, leave the red spacer intact. For 9-12 year olds, remove the red spacer.



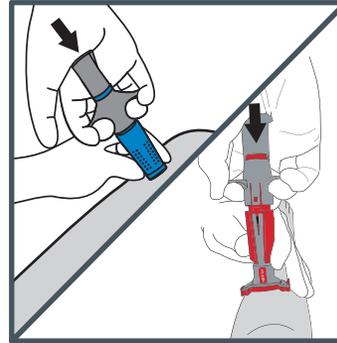
## STABILIZE

With your non-dominant hand, hold the NIO by the **textured dots** at a 90° angle to the access site and maintain downward pressure.



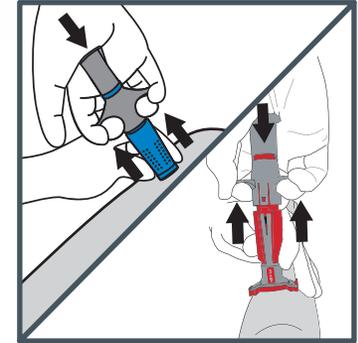
## UNLOCK

Unlock the NIO by rotating the cap 90° in either direction so that the cap aligns with the trigger wings.



## PRESS

Place the palm of your dominant hand over the cap of the NIO and apply downward pressure while your non-dominant hand stabilizes the NIO against



## SQUEEZE

With your dominant hand, maintain downward pressure on the cap and squeeze the trigger wings.