

Step by step description - Use of Morrison Steerable Needle®

Indication for use: Musculoskeletal percutaneous injection and aspiration procedures, and tissue sampling.

Before use, please read the Instructions For Use which accompany the product for indications, contraindications, warnings and precautions.

Caution: Federal law restricts this device to sale by or on the order of a physician.

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Introduction



Morrison Steerable Needle[®] is the first steerable needle enabling active guidance around objects within the body

This step by step guide describes a procedure where Morrison Steerable Needle[®] is advanced to target, rounding bone and carefully avoiding neurovascular bundle

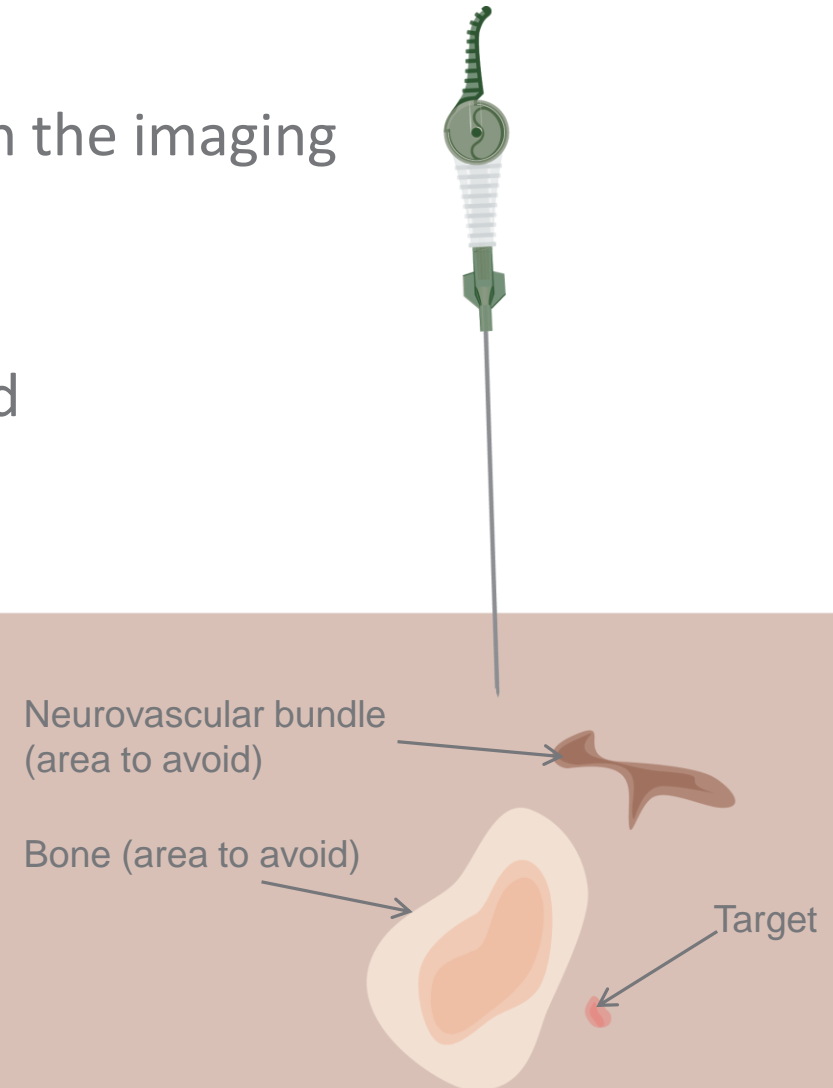


Step 1



Insert device superficially, aligning the device with the imaging plane

Make a scan and identify target and areas to avoid

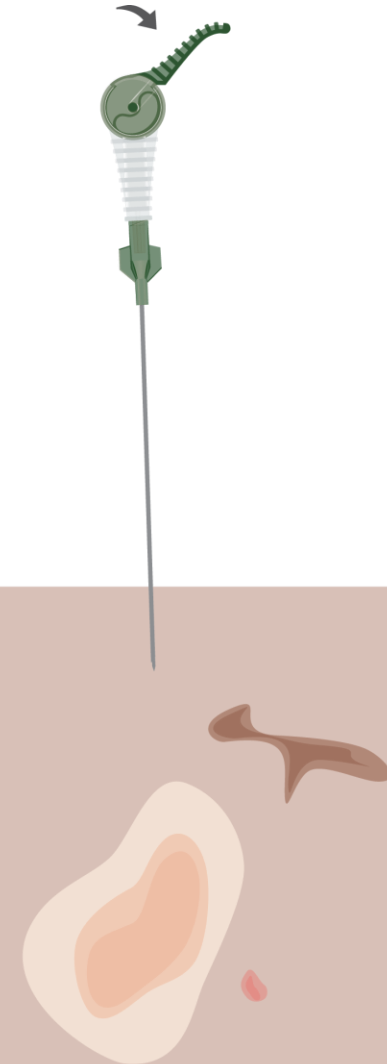


Step 2



Turn lever in direction of target or away from danger

The 21G Needle will remain in position until the device is retracted or advanced

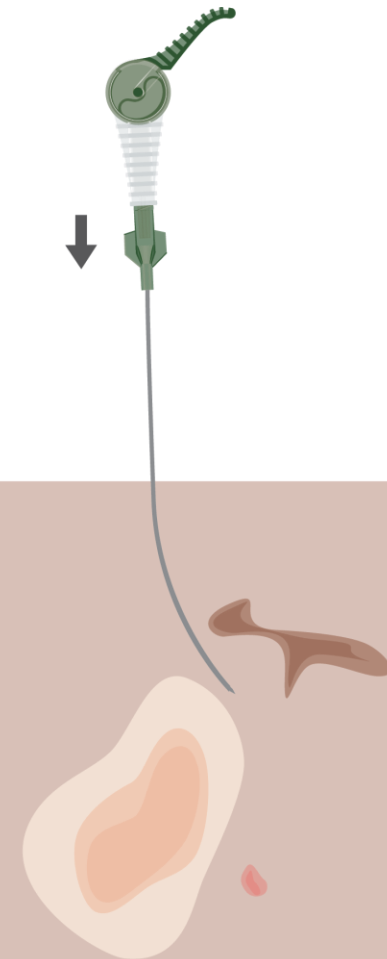


Step 3



Advance device. Device will curve in the direction of the lever tip, and in the same plane as the lever turns

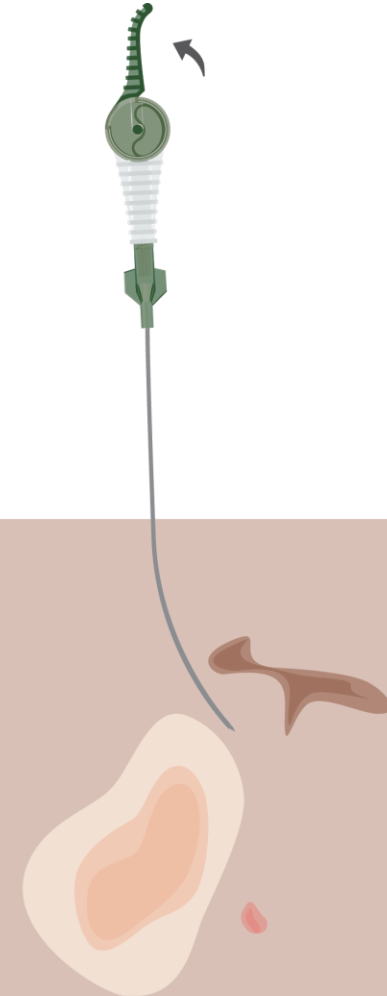
Monitor device tip position using imaging technique



Step 4



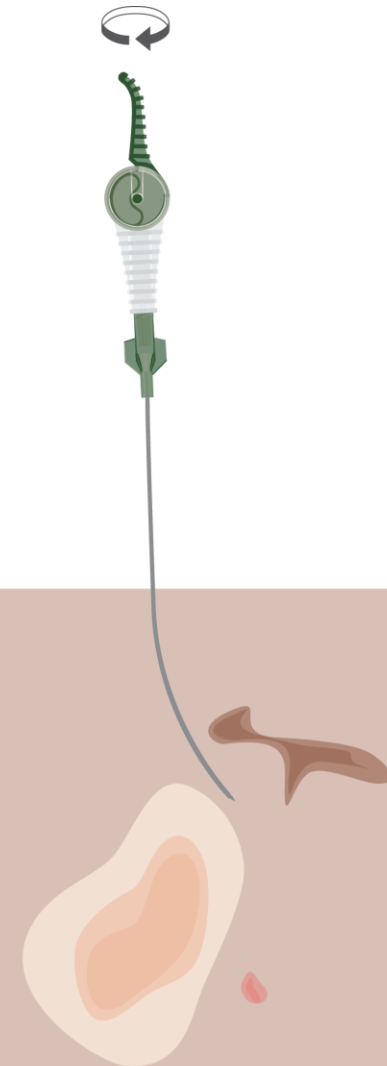
Before making additional adjustments, return lever to its original upright position



Step 5

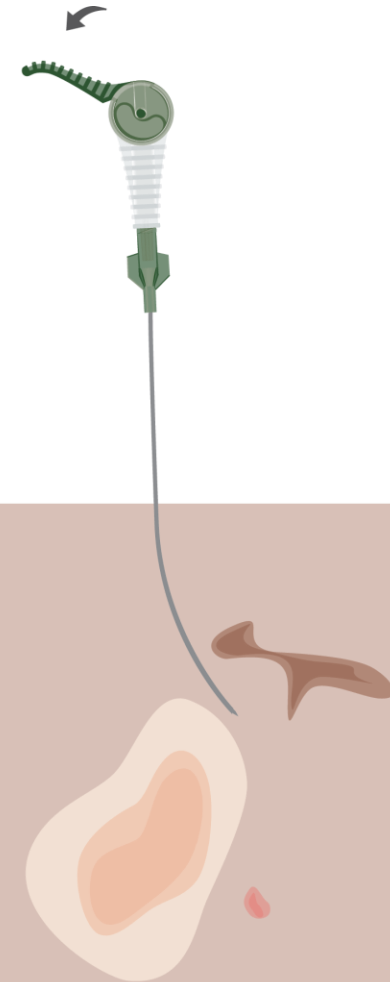


To change steering direction, rotate the Steerable Stylet while keeping the 21G Needle in place



Step 6

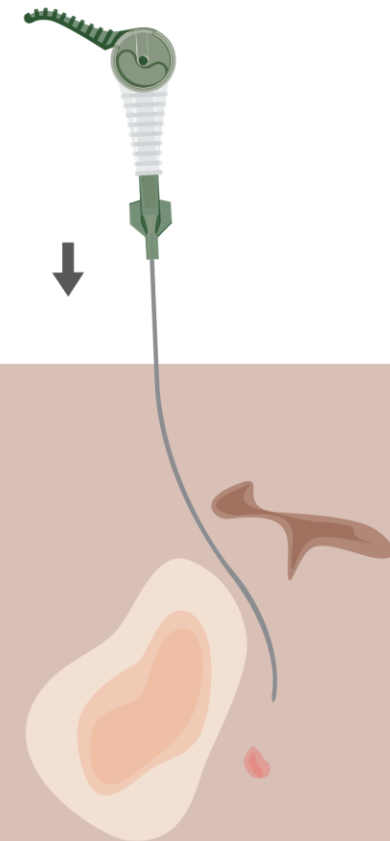
Turn lever to desired degree of deflection



Step 7

Advance device. Device will curve in the direction of the lever tip, and in the same plane as the lever turns

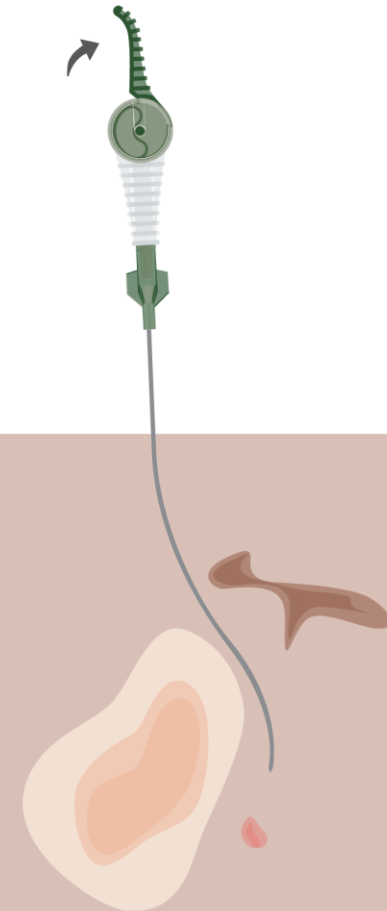
Monitor device tip position using imaging technique



Step 8



To advance device on a straight path, return lever to its original upright position

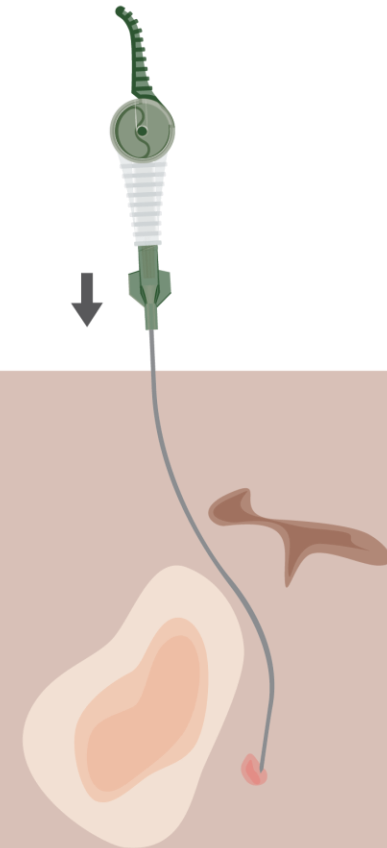


Step 9



Advance device to target

Monitor device tip position using imaging technique

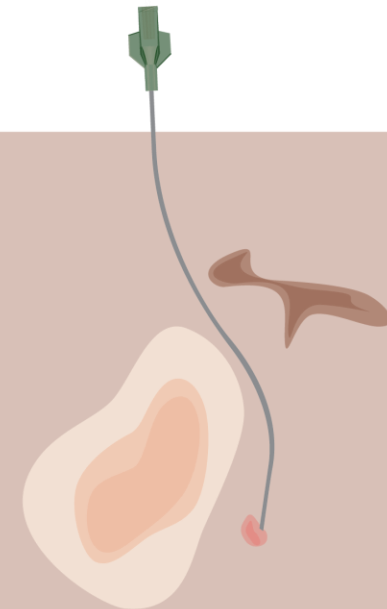


Step 10



Remove Steerable Stylet

Injection, aspiration or biopsy can now be performed through the 21G Needle



About



AprioMed

AprioMed develops, manufactures, markets and sells innovative medical devices and related services within the field of interventional radiology. We aim to deliver, in close collaboration with healthcare practitioners, innovative, quality tools to achieve optimal solutions for radiologists worldwide.

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