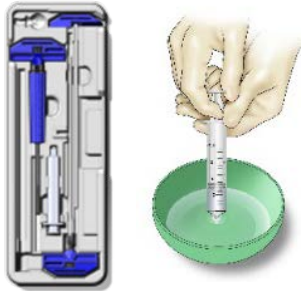


Bone Marrow Aspiration Process Steps

Marrow Cellution™ System

1

Heparin Flush:
Rinse all components with heparin
(2,000 Units/ml)



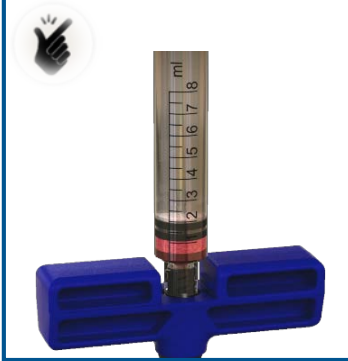
2

Insert Access Needle just past
cortex into medullary space.
Ensure longitudinal orientation.



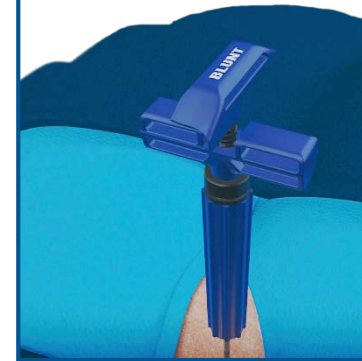
3

Remove Sharp Stylet, attach Syringe,
draw 1ml marrow to test proper
localization of Access Needle tip



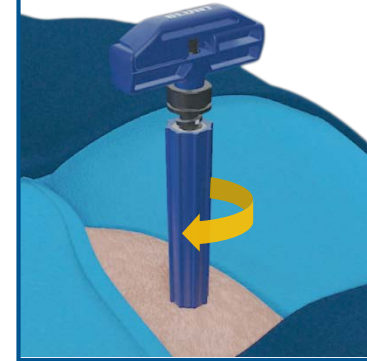
4

Remove Syringe, insert Blunt Stylet.
Continue to advance Access Needle
to desired depth



5

Rotate Guide Grip to skin level and
remove Blunt Stylet



6

Remove Blunt Stylet, insert and
attach Aspiration Cannula.



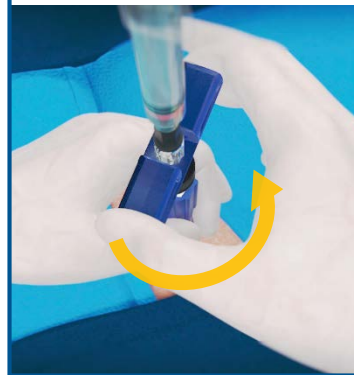
7

Attach Syringe, draw 1ml marrow



8

Rotate handle 180°-360° counter
clockwise to raise Cannula tip



9

Draw 1ml marrow



10

Repeat steps 8 & 9 until desired
volume is attained

