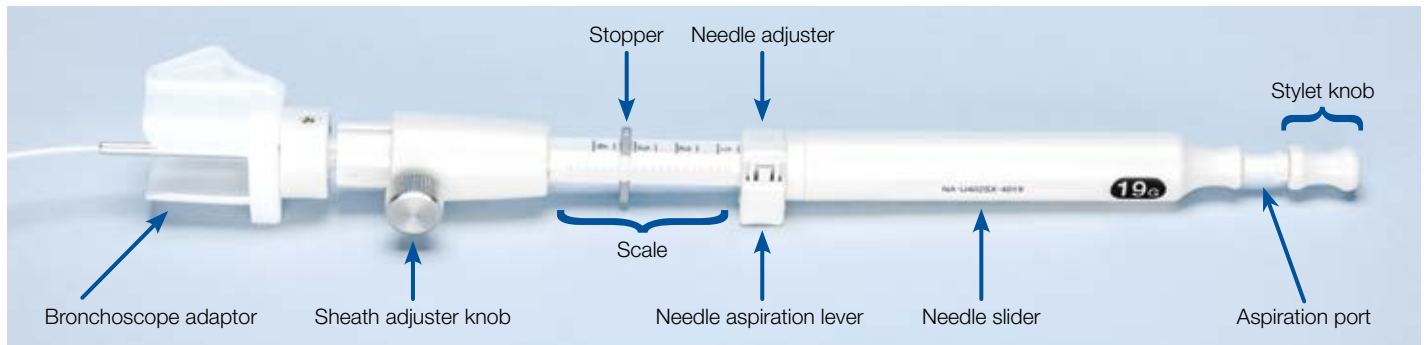


## ViziShot FLEX 19G EBUS-TBNA Needle Quick Reference Guide

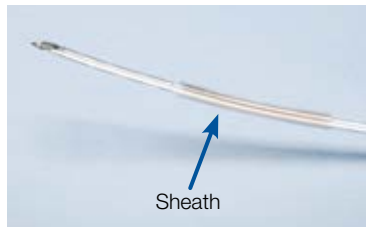
Below are steps for Endobronchial Ultrasound Transbronchial Needle Aspiration (EBUS-TBNA). This minimally invasive procedure enables real-time ultrasound-guided sampling of tissue from the anterior and posterior mediastinum and hilar regions.

**CAUTION:** This guide is only a summary of the ViziShot FLEX 19G EBUS-TBNA Needle Instructions for Use. For detailed operating instructions, be sure to follow the ViziShot FLEX 19G EBUS-TBNA Needle instruction manual included in the device package.

### Product Overview



ViziShot FLEX aspiration needle



Needle



Vaclok syringe



This adaptor should be attached to the instrument channel port of the endoscope before the needle is inserted.

### ViziShot Needle Steps

1a



Ensure that the scope is in a neutral position with the sheath adjuster knob and biopsy valve facing outward for the entire insertion of the needle.

1b



If the needle has been inserted in an incorrect orientation, **DO NOT** attempt to re-adjust the needle by rotating the bronchoscope adaptor. **NOTE:** Remove the needle and start over in the correct position. If you just rotate the bronchoscope adaptor, you will run the risk of damaging the scope or the needle.



# ViziShot FLEX 19G EBUS-TBNA Needle Quick Reference Guide

**CAUTION:** This guide is only a summary of the ViziShot FLEX 19G EBUS-TBNA Needle Instructions for Use. For detailed operating instructions, be sure to follow the ViziShot FLEX 19G EBUS-TBNA Needle instruction manual included in the device package.

## ViziShot Needle Steps (continued)



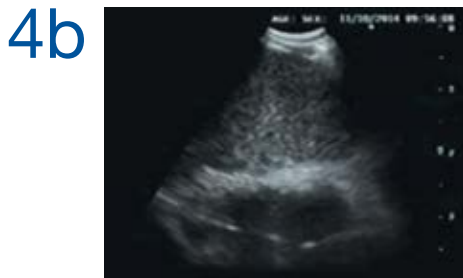
Secure the needle on the scope by pushing the bronchoscope adapter (connecting slider) to the "lock position" until it clicks.



Release the sheath adjuster knob.



Adjust the sheath so that it is visible in the endoscopic view. Tighten the screw.



Locate target area on the ultrasound image.



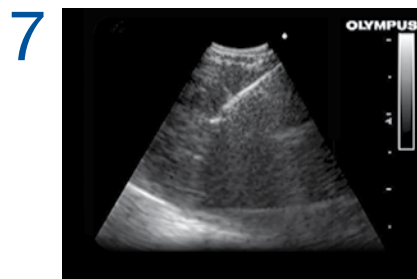
Release the needle adjuster.



Advance the needle into the target.



Artifact in lymph node. If artifact is visible, adjust EBUS scope tip until artifact disappears.



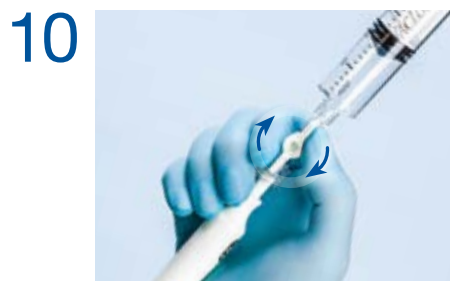
Visualize needle entering target lymph node.



Remove the stylet.



Attach the prepared syringe.



Apply suction by turning the stopcock to the parallel position.



Move the needle slider in the target area several times. This advances the needle into the target area.

# ViziShot FLEX 19G EBUS-TBNA Needle

## Quick Reference Guide

**CAUTION:** This guide is only a summary of the ViziShot FLEX 19G EBUS-TBNA Needle Instructions for Use. For detailed operating instructions, be sure to follow the ViziShot FLEX 19G EBUS-TBNA Needle instruction manual included in the device package.

### ViziShot Needle Steps (continued)

12



Turn the stopcock to the horizontal position to release suction. Remove the syringe.

13



Pull the needle slider upwards until it clicks. This retracts the needle into the sheath.

14



Pull the needle adjuster upwards and slide to lock it into position.

15



Place the scope in a neutral position. Unlock and remove the needle.

16



Unlock the needle adjuster and push the needle slider to extend the needle's distal end. Then connect a 5cc to 20cc air-filled syringe to the aspiration port. See alternate method.

17



Gently push the syringe plunger to expel a small drop of specimen on the slide.

18



Dispense the remaining specimen into the cell block container. Repeat this step as needed until entire specimen is ejected.

**NOTE:** See alternate method for extracting the specimen on reverse.

# ViziShot FLEX 19G EBUS-TBNA Needle

## Quick Reference Guide

**CAUTION:** This guide is only a summary of the ViziShot FLEX 19G EBUS-TBNA Needle Instructions for Use. For detailed operating instructions, be sure to follow the ViziShot FLEX 19G EBUS-TBNA Needle instruction manual included in the device package.

### Alternate Method for Extracting Specimen

**1** Unlock the needle adjuster and push the needle slider to extend the needle's distal end. (See image A.)

Re-insert the stylet and advance it carefully to eject the sample on slide or cell block container. (See image B.) Remove and wipe off the stylet with saline soaked gauze.



**2** Connect a 5cc to 20cc air-filled syringe to the aspiration port. Depress the syringe plunger to expel the specimen from the needle's distal end. Repeat this step as needed until entire specimen is ejected.

