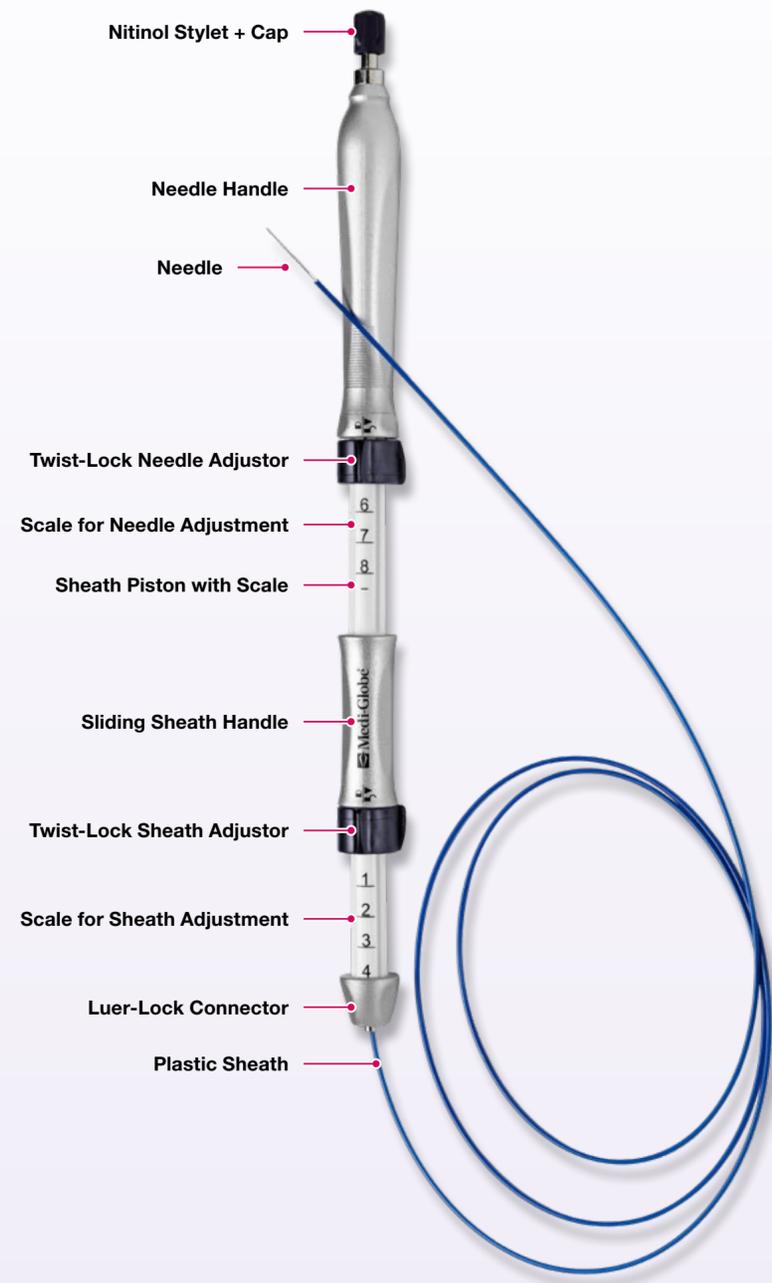


# SonoTip TopGain® EUS – Guidance for Application

## Product Overview



## Application Steps



1 Before introducing the SonoTip TopGain® needle please check the instrument for intactness and safe functioning. Make sure that both Twist-Lock settings are locked in the safety position.



2 Slowly insert the instrument into the working channel and lock it to the working channel with the Luer-Lock Connector.



3 Adjust the sheath length. To do this, unlock the lower Twist-Lock and slide the handle down until the desired position for the tip of the sheath is reached. Then fix the setting.



4 Unlock the Twist-Lock for puncture depth adjustment and slowly move the needle handle to guide the needle out of the plastic tube.



5 Round tip stylet: As soon as the needle has been moved out of the sheath, loosen the stylet from the proximal Luer-Lock of the needle handle and pull it back about 5 mm.



6 Carefully insert the needle into the target tissue. The maximum needle projection can be preset with the upper Twist-Lock for puncture depth adjustment.



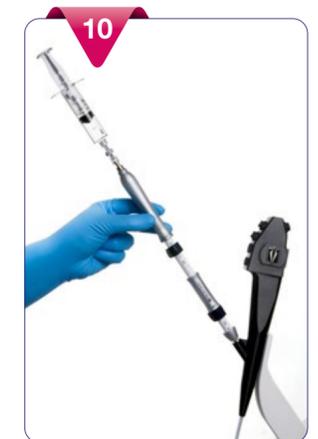
7 When the needle has completely penetrated the target structure, close the stylet again. Then, remove the stylet completely from the biopsy needle.



8 Connect the prepared syringe (with negative pressure) with the Luer-Lock to the proximal end of the biopsy needle ...



9 ... and turn the stopcock to its „open“ position. The desired tissue sample is sucked into the needle by the vacuum inside the syringe.



10 Use the needle handle to move the needle back and forth within the biopsy site. Before the puncture ends, close the stopcock, pull the needle handle back as far as it will go and fix it in the safety position. Then remove the SonoTip® TopGain needle.