

# SonoTip<sup>®</sup> EBUS Pro Flex

Endobronchial Ultrasound-Guided TBNA System – Single Use



- Dimensionally Stable Nitinol Needle  
*The Unique Memory Properties of the Nitinol Needle Prevents Permanent Needle Bend During Advancement Through Curved Endoscope Positions.*  
*Eliminates Needle Deformation (“Banana-Effect”) After Initial Puncture for Precise Needle Positioning in Repeated Passes*
- Twist-Lock Technology for Sheath & Needle Length Adjustment  
*Single Hand Operation*  
*Needle Length Adjustment (0 - 4 cm)*
- Specially Treated Needle Tip  
*Provides Excellent Echogenicity*
- Blue Colored Plastic Sheath  
*Creates a High Contrast Image Under Endoscopic Visualization Providing Clear Identification of the Outer Sheath and the Respiratory Tract for Precise Needle Guidance*
- Luer-locking Needle and Stylet  
*Provides Exact Needle and Stylet Tip Positioning*



**SonoTip<sup>®</sup> EBUS Pro Flex**  
Eliminates Needle Deformation  
("Banana-Effect")

 **Medi-Globe<sup>®</sup>**  
The Spirit of Care.™

# SonoTip® EBUS Pro Flex

Endobronchial Ultrasound-Guided TBNA System – Single Use

## SonoTip® EBUS Pro Flex

The **SonoTip® EBUS Pro Flex** is the first EBUS-TBNA system in the world that features a needle comprised entirely of Nitinol.

The dimensionally stable and kink resistant properties of Nitinol prevent the needle from sustaining a permanent bend resulting in what is known as the “Banana-Effect” as the needle is advanced through the endoscope’s curved and angulated positions. Other materials traditionally used to manufacture needles are susceptible to permanent bends or kinks.

The Nitinol needle supports the linear alignment of the needle below the ultrasound transducer resulting in optimal visibility during needle guidance and puncture. Additionally, the Nitinol needle resists needle deformation after the initial puncture resulting in smooth and easy advancement through the accessory channel of the endoscope and consistently straight and precise positioning in repeated passes.

The **SonoTip® EBUS Pro** is equipped with a stainless steel needle.

Both models, **SonoTip® EBUS Pro Flex** and **SonoTip® EBUS Pro** use the unique patented Twist-Lock technology for precise sheath and needle length adjustment. The new and more user friendly handle design allows “one hand” operation by the clinician while maintaining the endoscope’s position during the procedure.

Finally, the overall handle length of the **SonoTip® EBUS Pro** systems is shortened in order to meet better the specific and ergonomic requirements of the bronchoscopy procedure.

### Compatible to Olympus EBUS endoscopes

**SonoTip® EBUS Pro Flex with Nitinol Needle** and Round Stylet, Click-Lock Adapter integrated  
Including a VacLock™ Aspiration Syringe with a Filling Volume 5-20 ml – Single Use

Catalog No.	Description	Needle Diameter	Diameter Outer Diameter
GUS-46-18-022	EBUS-guided TBNA System	22 Gauge / 0.7 mm	1.8 mm

**SonoTip® EBUS Pro with Stainless Steel Needle** and Round Stylet, Click-Lock Adapter integrated  
Including a VacLock™ Aspiration Syringe with a Filling Volume 5-20 ml – Single Use

Catalog No.	Description	Needle Diameter	Diameter Outer Diameter
GUS-45-18-022	EBUS-guided TBNA System	22 Gauge / 0.7 mm	1.8 mm

Click-Lock Adapter for Fixation onto Olympus EBUS endoscopes



### Compatible to Pentax EBUS endoscopes

**SonoTip® EBUS Pro Flex with Nitinol Needle** and Round Stylet,  
Including a VacLock™ Aspiration Syringe with a Filling Volume 5-20 ml – Single Use

Catalog No.	Description	Needle Diameter	Diameter Outer Diameter
GUS-42-18-022	EBUS-guided TBNA System	22 Gauge / 0.7 mm	1.8 mm