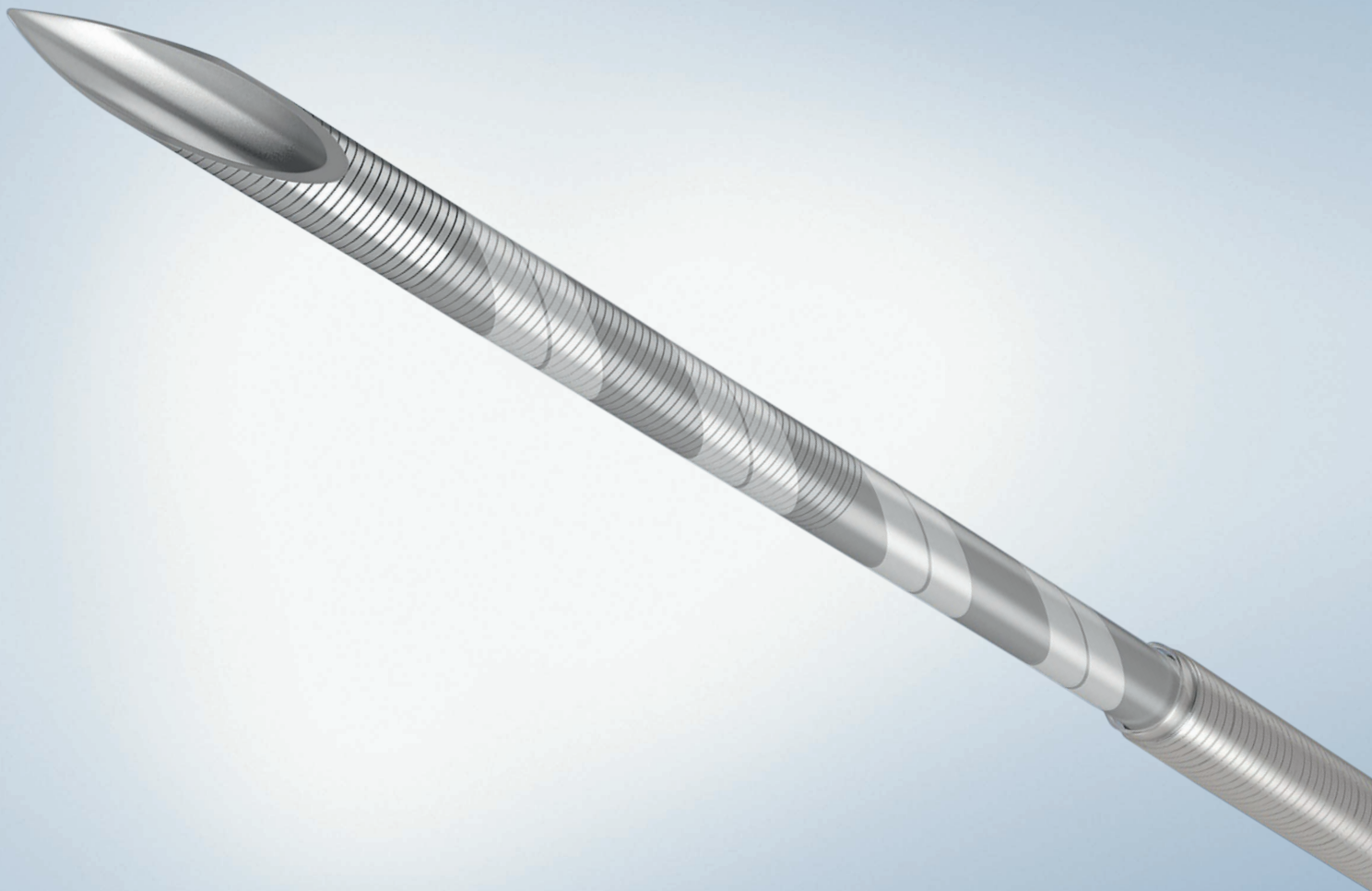


ViziShot 2 FLEX 19 G EBUS-TBNA Needle

Improves Sample Size for Enhanced Diagnostic Capabilities and Targeted Therapy



Achieve More at the **Source**

With remarkable flexibility and an impressively large inner lumen, the ViziShot 2 FLEX 19 G needle facilitates the collection of histological specimen for the diagnosis of lung disease, staging of lung cancer and the collection of material for next generation genetic sequencing.



Key Features of the 19 G Needle

Fine Needle Biopsy Indication: Supports collection of histological specimen

Unique Needle Tip: For access hard-to-reach areas

Ergonomic Handle: With double-locking mechanism for comfort and safety

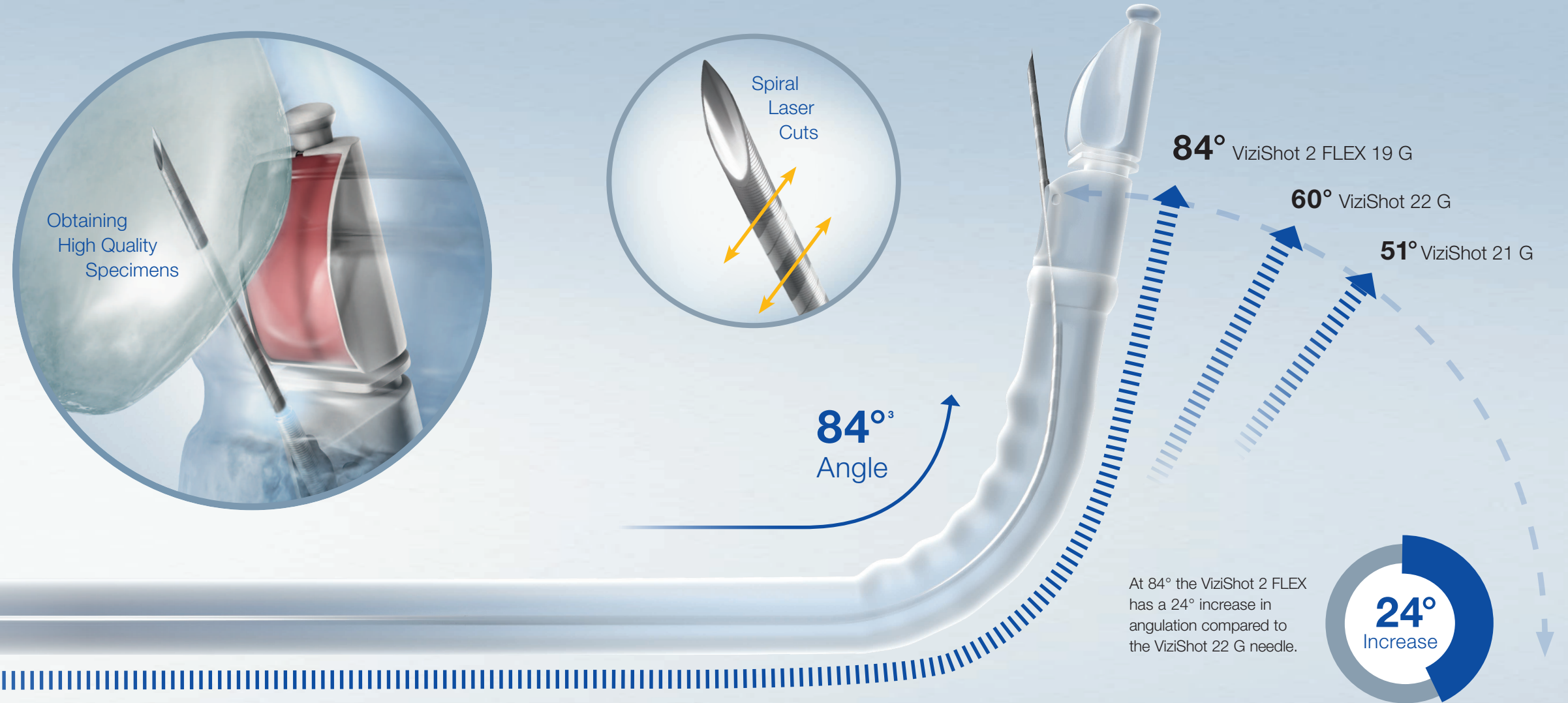
Echogenic Needle Tip Design: For optimized visualization and control

ViziShot 2 FLEX

Single-use 19 G EBUS-TBNA Needle

Improved Access¹

- The ViziShot 2 FLEX features an innovative needle tip design to deliver outstanding flexibility—a breakthrough in angulation performance, especially for a 19 G needle.
- Spiral laser cuts on the needle surface provide greater flexibility to outperform most other EBUS-TBNA needles on the market.
- The result is a needle that enables the clinician to obtain ample quantities of high-quality specimens—even in the most challenging locations. The enlarged inner lumen and optimal puncture performance enables substantial tissue collection for more comprehensive histological analysis.



Histological Tissue Collection

- The ViziShot 2 FLEX 19 G has been shown to obtain histologic specimen with intact cellular architecture which can help diagnose diseases such as lymphoma or sarcoidosis. It also has been shown to obtain sufficient tissue to perform mutational analysis and/or immunocytochemical analysis.²
- As the only 19 G EBUS-TBNA needle currently available in the United States, the ViziShot 2 FLEX offers the largest inner lumen of any EBUS-TBNA needle and continues to exceed physicians expectations.



ViziShot 2 FLEX

Single-use 19 G EBUS-TBNA Needle

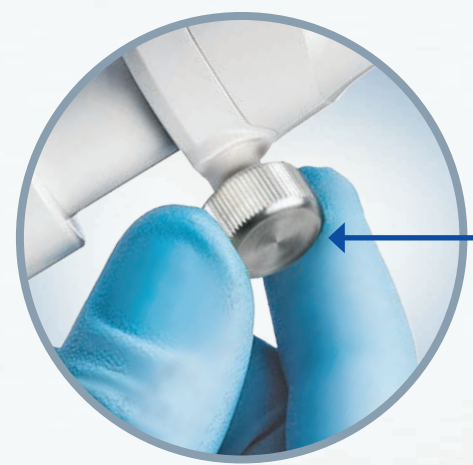
Enhanced Needle Handling and Safety

- As part of the next generation of Olympus ViziShot 2 EBUS-TBNA needles, the ViziShot 2 FLEX features a redesigned, ergonomic handle to provide a more confident feel and improved needle control for the duration of the procedure.
- A proprietary double-locking safety mechanism helps to avoid unintended needle protrusion. This mechanism is designed to prevent accidental patient and personnel injury as well as damage to the EBUS scope.



Rubber gripper for precise needle control.

Double-locking safety feature designed to avoid accidental needle protrusion.



Rotatable sheath adjuster for physician comfort and preference.

Rubber ridged grippers for handle control.

Optimized Visualization and Control

- EBUS-TBNA allows real-time, ultrasound-guided placement of the needle as it penetrates the target tissue.
- For pinpoint accuracy, the distal end of the ViziShot 2 FLEX is treated with spiral echogenic scribes to optimize visualization of the needle tip on the ultrasound image.
- This enhanced visibility facilitates correct capsule-to-capsule technique to optimize histologic sample collection for analysis.



Spiral Echogenic Scribes

Ultrasound visualization of the ViziShot 2 FLEX needle entering the target lymph node.



The ViziShot 2 Generation of EBUS-TBNA Needles

ViziShot 2 needles are an integral component of the Olympus EBUS Solution, delivering proven precision in real time.

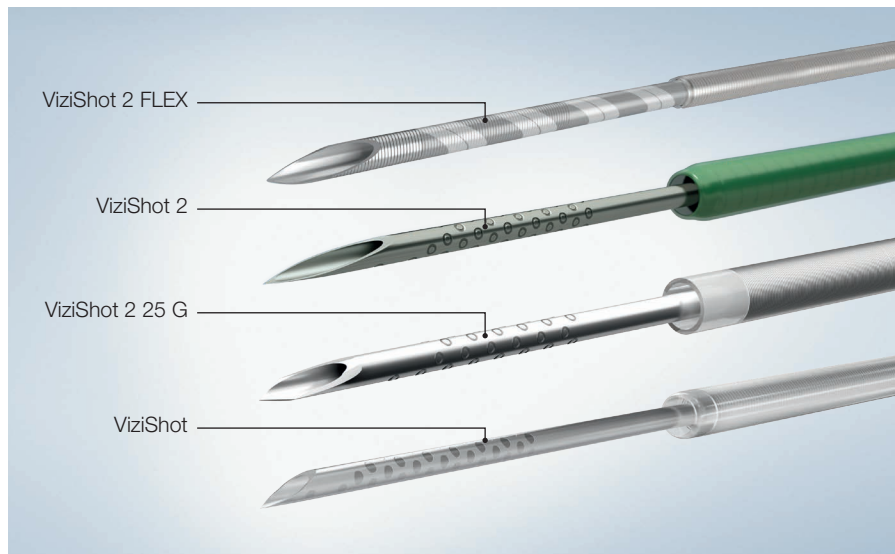
ViziShot 2 FLEX 19 G EBUS-TBNA Needle

Catalog Number	Needle Gauge	Min. Working Channel	Needle Length	Syringe
NA-U403SX-4019	19 G	2.2 mm	20–40 mm	Yes

NOTE: ViziShot 2 FLEX 19 G is only compatible with the Olympus BF-UC180F 2.2mm channel EBUS bronchoscope.

ViziShot 2 EBUS-TBNA Needles

Catalog Number	Needle Gauge	Min. Working Channel	Needle Length	Syringe
NA-U401SX-4021-A	21 G	2.0 mm	20–40 mm	Yes
NA-U401SX-4022-A	22 G	2.0 mm	20–40 mm	Yes
NA-U401SX-4022-C	22 G	2.0 mm	20–40 mm	No
NA-U401SX-4025N	25 G	2.0 mm	20–40 mm	No



The Olympus EBUS Solution Proven Precision in Real Time

ViziShot 2 Generation needles belong to the Olympus EBUS Solution family of products. Olympus offers everything you need to perform real-time lymph node and peripheral lesion sampling in one complete system for improved efficiency and quality patient care.

References

1. Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008. Centers for Disease Control and Prevention.
2. Wahidi et al, Performance of 19-Gauge Needle during EBUS-TBNA in the diagnosis and testing of molecular markers in lung cancer. Poster – Presented at CHEST 2019.
3. When used with the Olympus BF-UC180F 2.2 mm channel EBUS bronchoscope. Data on file.
4. Comparison with Olympus ViziShot 22 G NA-201SX-4022 based on inner diameter of the needle tubes.

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