

The Olympus EBUS Solution

BF-UC190F

The next generation bronchoscope with proven precision in real time.



BF-UC190F

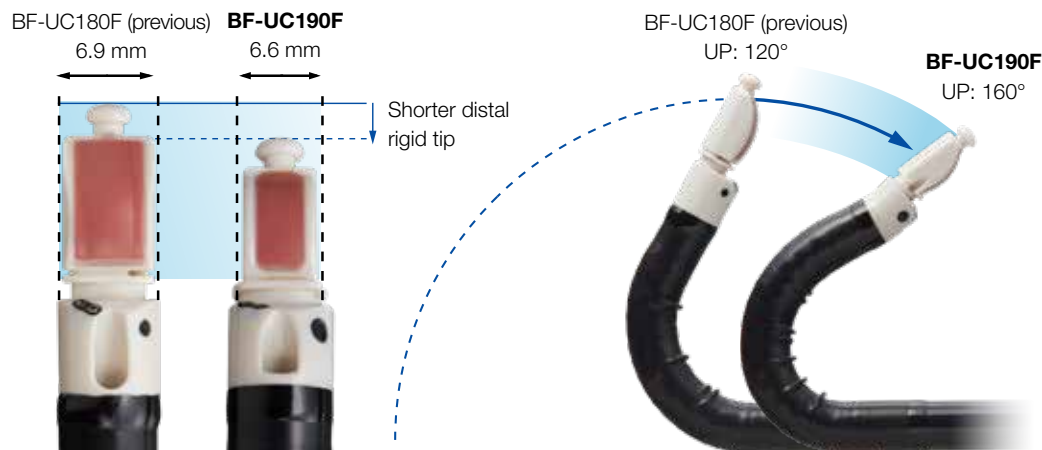
EBUS Bronchoscope

EBUS-TBNA is recognized as the gold standard in diagnosis and staging of lung cancer. The BF-UC190F is the third generation EBUS bronchoscope in the Olympus EBUS Solution, the most clinically studied EBUS-TBNA systems with over 15 years of proven performance.

The BF-UC190F allows optimal angulation and an improved approach to difficult-to-reach target sampling sites, enabling enhanced access and control.

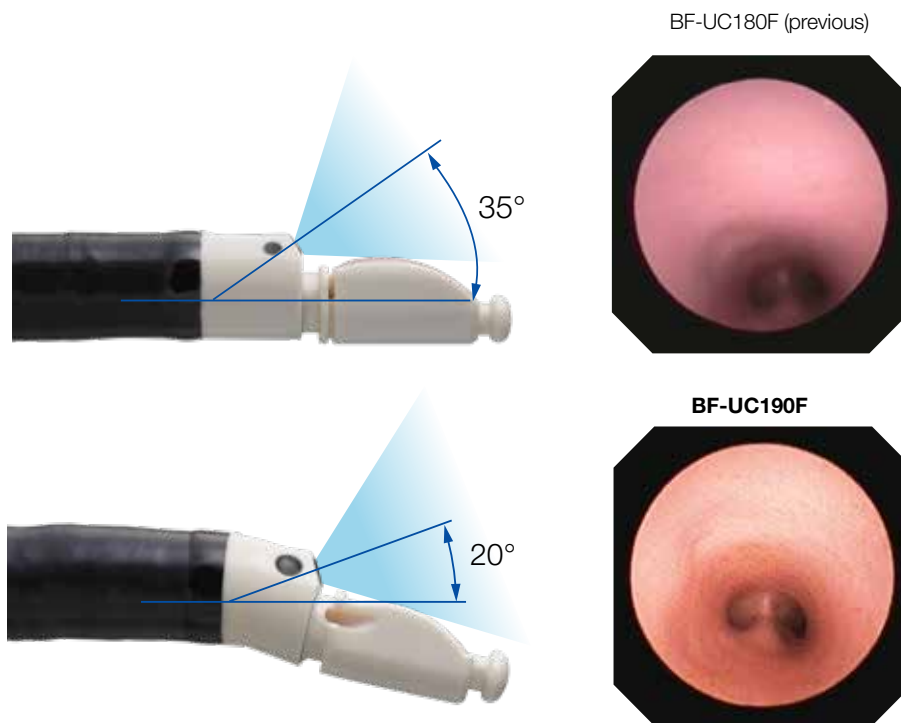
ADVANCING AIRWAY ACCESS

With outstanding operability in the tracheobronchial tree



Maneuverability

Uniquely designed compact distal tip and increased scope angulation enhance maneuverability with better access to difficult-to-reach lymph node stations in the mediastinum (4L) and in the hilum (10R).

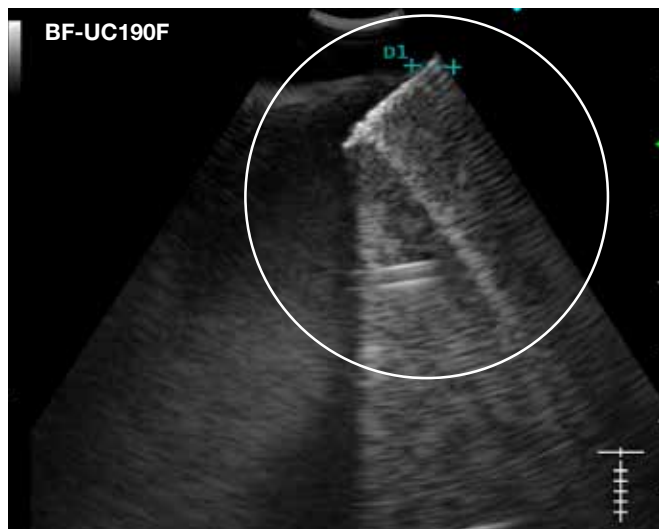
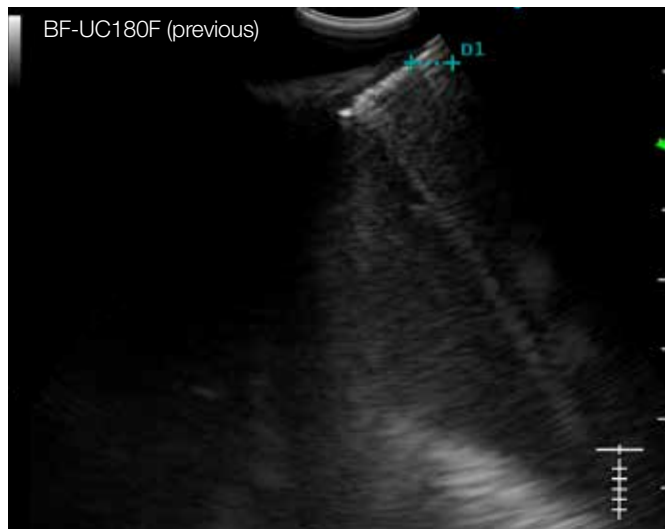


Forward Viewing

Decreased forward oblique angle of 20° facilitates easier endoscopic orientation and allows the operator to keep the endoscopic image in full field of view while navigating the airways during a procedure.

ADVANCING PRECISION

With enhancements for improved performance and control



Needle Orientation

Steeper puncture angle provides a more perpendicular needle orientation towards the target allowing for smoother target penetration between cartilage rings and other critical vessels.

Ultrasound Quality

Maintaining real-time ultrasound imaging enables direct visualization of the ViziShot EBUS-TBNA needle as it penetrates the lymph node.

This facilitates correct capsule-to-capsule technique, which helps to optimize sample collection.



ADVANCING VERSATILITY

With compatibility across multiple specialties and a variety of devices

EVIS EXERA III

The power of EVIS EXERA III platform expands across the hospital to enable equipment standardization and simplified support and service, with the ultimate goal of lowering the total cost of equipment ownership.

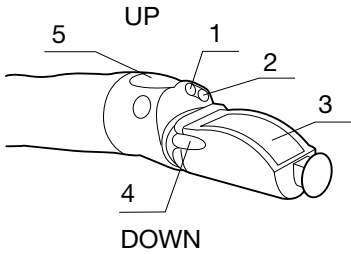
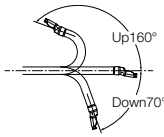


Endoscopic Devices

A full array of Olympus ViziShot EBUS-TBNA needles are available and designed to deliver outstanding performance while minimizing channel damage, thereby potentially reducing repair costs and extending endoscope life.

BF-UC190F EBUS Bronchoscope

The next generation of proven precision in real time.

Product Specifications		
Optical System	Field of view	80°
	Direction of view	20° forward oblique
	Depth of field	2 to 50 mm
Insertion Tube Section	Distal end enlarged	
	1. Objective lens	
	2. Light guide lens	
	3. Ultrasound transducer	
4. Balloon channel outlet		
5. Instrument channel outlet		
Insertion Tube Section	Distal end outer diameter	6.6 mm
	Insertion tube outer diameter	6.3 mm
	Working length	600 mm
Bending Section	Angulation range	
Processor Compatibility	EU-ME2 PremierPlus, EU-ME2, EU-ME1, Prosound F75 (Not compatible with Radial EBUS), Arietta	
Total Length	890 mm	
Scanning method	Electronic curved linear array	

*Balloon MAJ-1351 can be used with the BF-UC190F



The Olympus EBUS Solution Proven Precision in Real Time

The BF-UC190F bronchoscope belongs to the Olympus EBUS Solution family of products, which 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.

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OLYMPUS

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