

# FUJIFILM EG-740UT

Curved Linear EUS Scope



High performance technology  
to advance EUS.

## HIGH PERFORMANCE TRANSDUCER TECHNOLOGY

Ultrasonography has changed the clinical approach to patients with digestive diseases. Today, it is being used to examine and visualize internal body structures for possible lesions. Fujifilm's EG-740UT Curved Linear EUS scope is designed to support definitive diagnosis and help endoscopists decide on suitable approaches to treatment.



### LARGE WORKING CHANNEL

### ADVANCED FORCE TRANSMISSION

### SHORT BENDING RADIUS

### OPTIMIZED VISUALIZATION

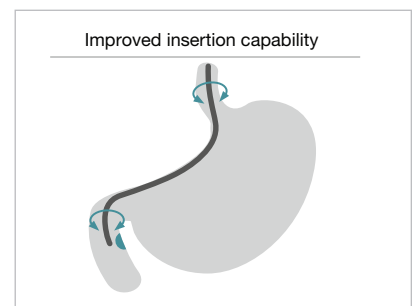
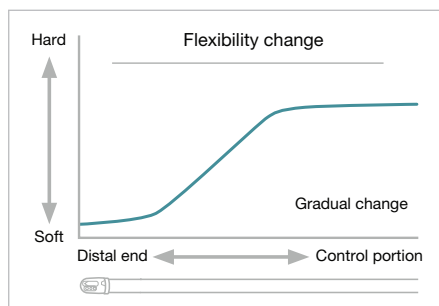
#### Large working channel

The large 4.0 mm working channel enables the use of various endoscopic devices. It is designed to increase the clearance between the device and the working channel and to reduce the insertion resistance.



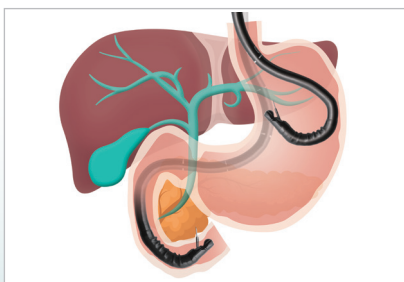
#### Advanced force transmission

With optimized material elasticity, the stiffness of the insertion portion gradually increases from the distal end to the control portion. This enables direct transmission of the push, pull, and rotational movements from the hand to the distal end of the endoscope.



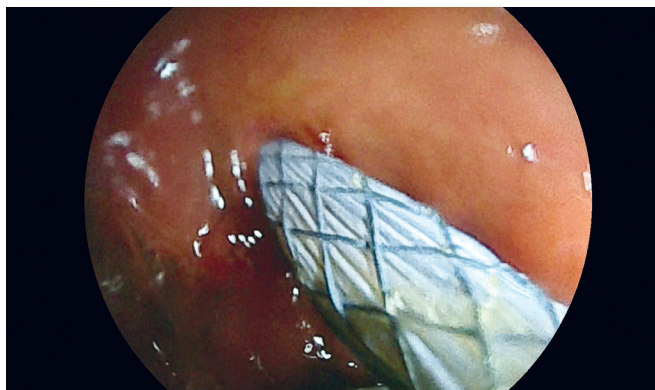
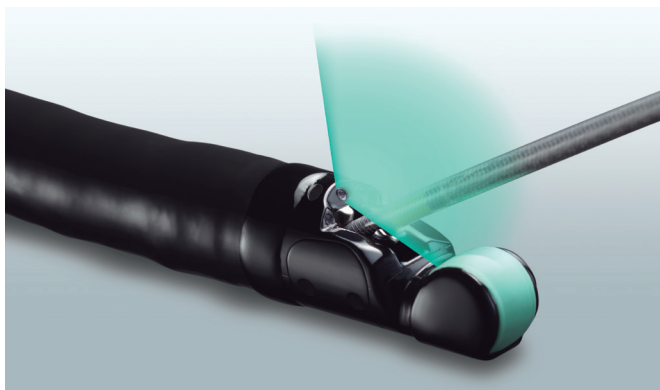
#### Short bending radius

The short bending radius is designed to improve the access to the anatomical target that is to be assessed and/or treated.



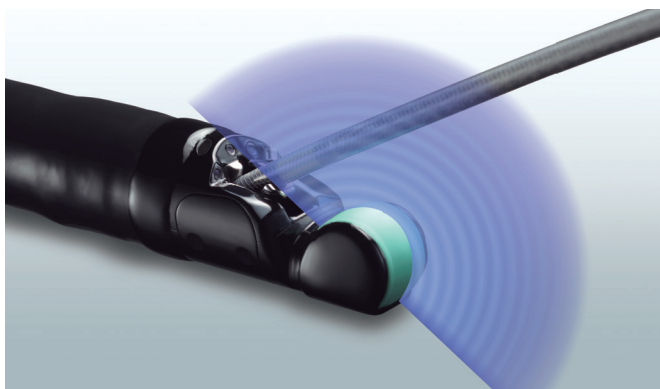
### Improved device visualization on the endoscopic image

As the objective lens is placed behind the elevator, the device can be seen in the endoscopic image, making the EG-740UT the most forward-viewing EUS scope in the market for therapeutics.



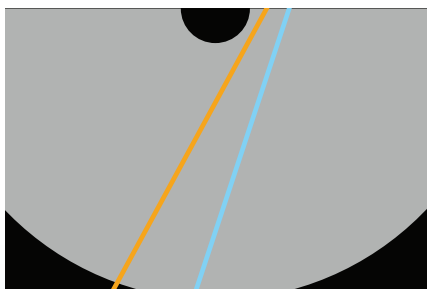
### Improved device visualization on the ultrasound image

The position of the working channel outlet relative to the ultrasound transducer ensures that the blind area between the working channel outlet and ultrasound scanning area is reduced.

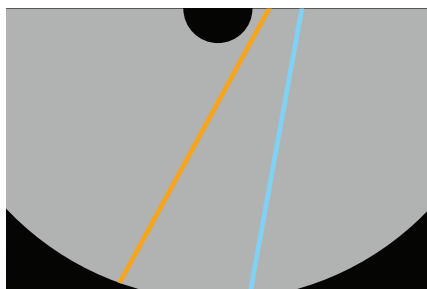


### Wide-angle puncture direction supporting wider FNA/FNB accessibility

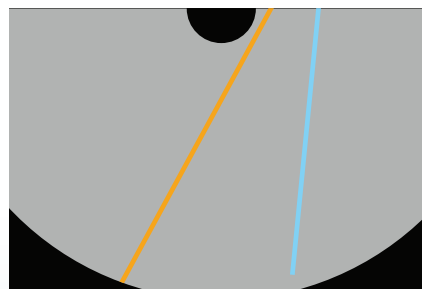
The combination of the short bending radius and optimized location of the transducer, enables broad FNA/FNB accessibility.



19G



22G



25G

Forceps elevator UP  
Forceps elevator DOWN

### Ultra-wide scanning angle

The broad bandwidth and optimized acoustic sensitivity of the EG-740UT, in combination with an improved signal to noise ratio and ultra-wide scanning angle, enables a clear ultrasound image to support diagnostic and therapeutic procedures.



## EG-740UT ULTRASONIC ENDOSCOPE Curved Linear Array Scan

The EG-740UT is equipped with the G-Lock guide wire locking mechanism which is incorporated at the distal end. This feature enables efficient exchange of devices. The large 4.0mm working channel enables the use of various endoscopic devices. It is designed to increase the clearance between the device and the working channel and to reduce the insertion resistance of devices.



Required balloon BS-102

Endoscopic functions		Ultrasonic functions	
Viewing direction	40°	Scanning method	Electronic curved linear array scan
Observation range	3-100mm	Scanning angle	180°
Field of view	140°	Fujifilm compatible balloon	BS-102
Distal end Ø	14.5mm		
Insertion tube Ø	12.6 mm		
Bending capability U/D/R/L	150° / 100° 100° / 100°		
Working length	1,250mm		
Overall length	1,550mm		
Working channel	4.0mm		