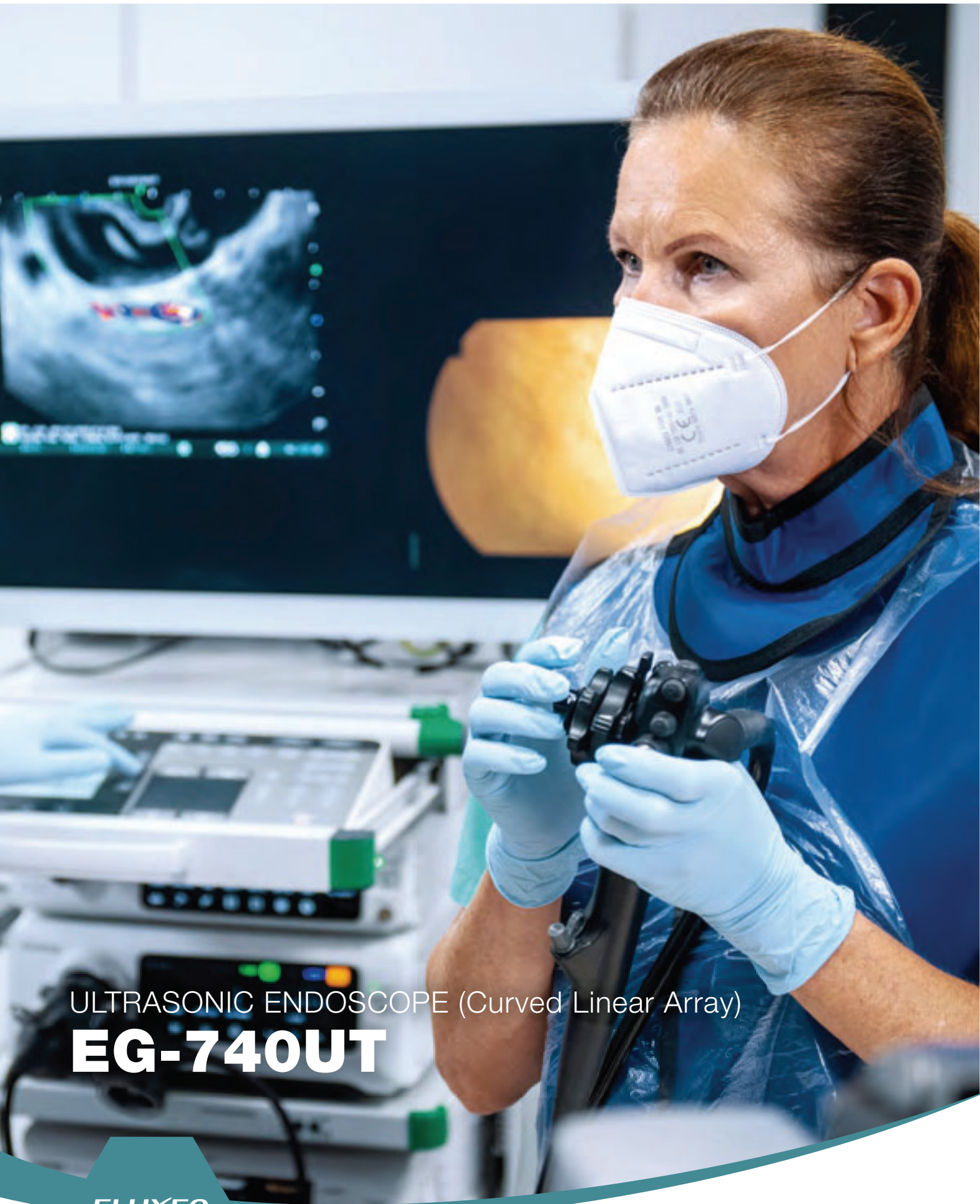




ULTRASONIC ENDOSCOPE (Curved Linear Array)

EG-740UT

ELUXEO

FUJIFILM
Value from Innovation

M.I.Tech



EG-740UT



G-Lock

ULTRA-WIDE SCANNING ANGLE

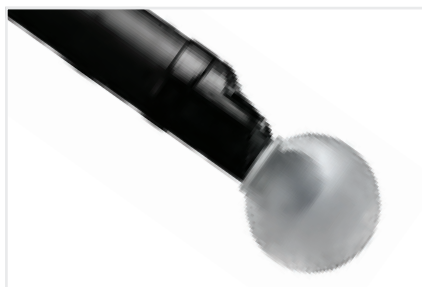
SHORTER BENDING RADIUS

ADVANCED FORCE TRANSMISSION

HIGH PERFORMANCE TRANSDUCER TECHNOLOGY

Ultrasonography has changed the clinical approach to patients with digestive and respiratory diseases. Today, ultrasonography is being used to examine and visualise internal body structures for possible lesions, supporting definitive diagnosis and helping doctors to decide on a suitable approach to treatment.

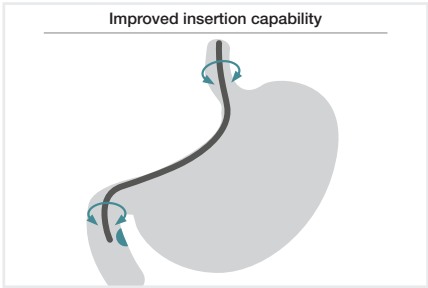
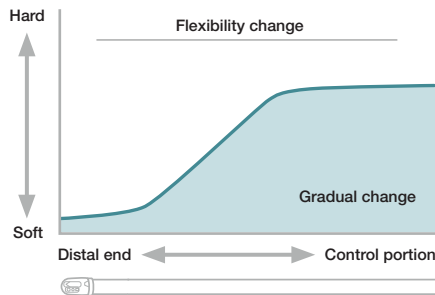
NEW



Required balloon BS-102

Advanced force transmission

With the improved 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 rotatational movements from the hand to the distal end of the endoscope when compared to the previous model.



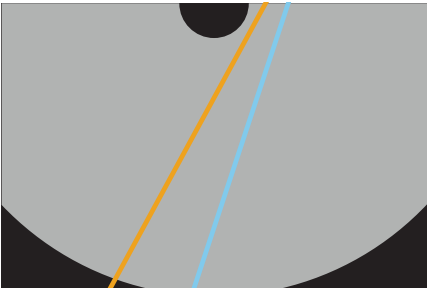
Shorter bending radius

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

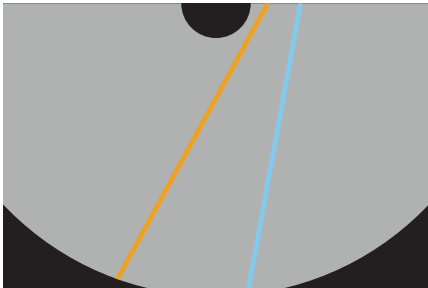


Wide-angle puncture direction supporting wider FNA accessibility

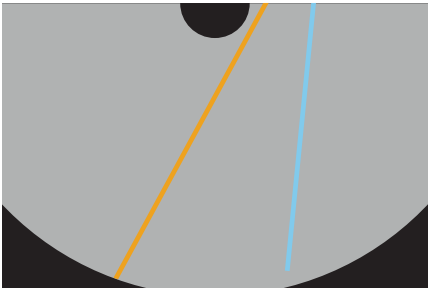
The combination of the short bending radius and the improved location of the transducer, enables broad FNA accessibility.



19G



22G

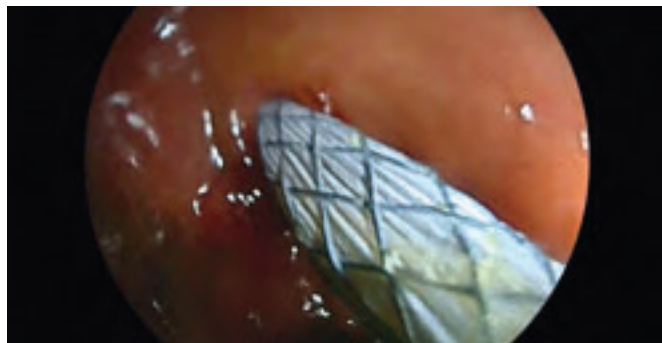


25G

— Forceps elevator UP
— Forceps elevator DOWN

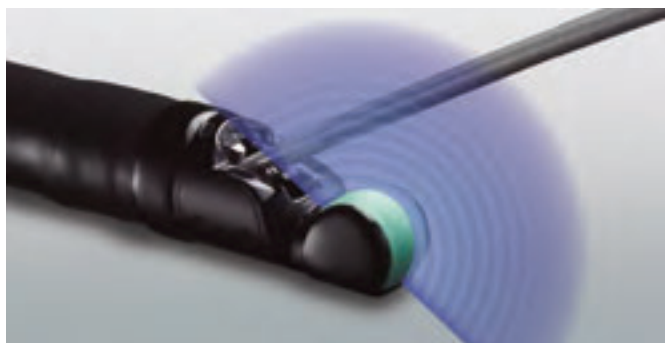
Improved device visualisation on the endoscopic image

As the objective lens is placed behind the elevator, the device can be seen in the endoscopic image.



Improved device visualisation 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.



NEW

EG-740UT

ELUXEO

ULTRASONIC ENDOSCOPE

Curved Linear Array Scan

Multi Light technology

SLD

FICE

LCI

BLI

One-step Connector

G7

HD Full HD endoscopy

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.



Endoscopic functions

Viewing direction	40°
Observation range	3–100 mm
Field of view	140°
Ø Distal end	14.5 mm
Ø Insertion tube	12.6 mm
Bending capability	Up 150°/Down 100° Right 100°/Left 100°
Working length	1,250mm
Overall length	1,550mm
Ø Working channel	4.0 mm

Ultrasonic functions

Scanning method	Electronic curved linear array scan
Scanning angle	180°

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 of devices.



Ultra-wide scanning angle

Due to the broader bandwidth and better acoustic sensitivity in combination with an improved signal to noise ratio, with the EG-740UT a crystal clear ultrasound image can be achieved. Furthermore, the ultra-wide scanning angle is aimed to support diagnostic and therapeutic procedures.



