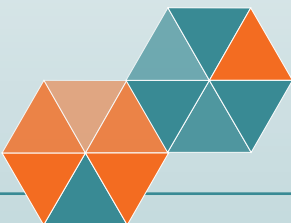
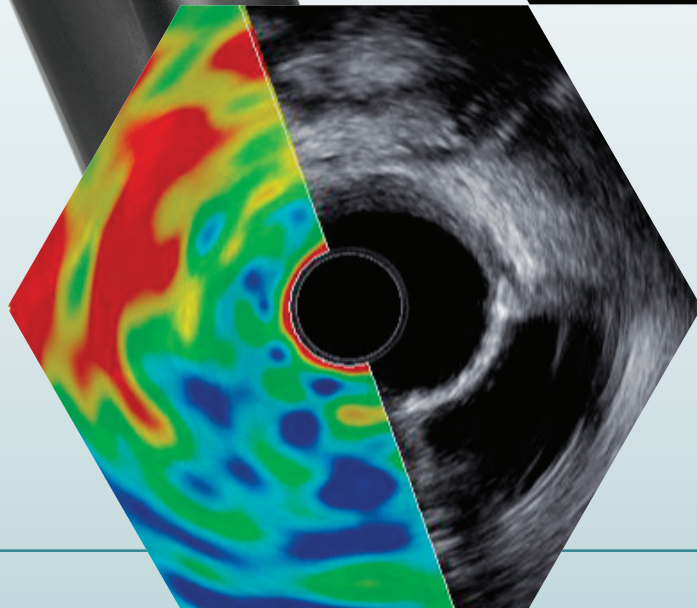


The Fujifilm 580 Series Endoscopic Ultrasound System

EG-580UT Curved Linear EUS
EG-580UR Radial EUS



Explore More



High Quality Imaging in a Compact Design

The Fujifilm Endoscopic Ultrasound System combines the technology of advanced imaging in a compact footprint. The SU-1 Endoscopic Ultrasonic Processor works in concert with the Eluxeo Endoscopic Video Imaging System and the 580 series Endoscopic Ultrasound scopes to deliver high quality images in a wide range of modes for ultrasonography procedures.



The new Sonart SU-1 Platinum Endoscopic Ultrasound Processor

High Resolution B-Mode

The SU-1 processor delivers high-resolution B-mode images through its proprietary image processing technology and high-sensitivity transducers. Pinpointing of the affected area, small vessels or pancreatic ducts can be viewed clearly, thus supporting accurate evaluation of the affected area and high-precision ultrasonographic results.



Color Flow Doppler Mode

Color Doppler obtains hemodynamic information. It helps to locate an observation site and blood flow. Improved sensitivity of Color Doppler can show blood flow more precisely and reduce artifact.



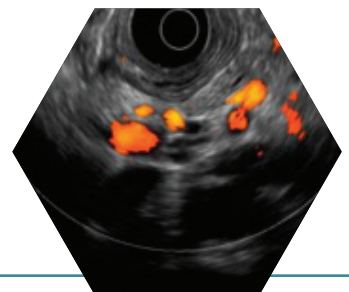
Pulse Wave Doppler Mode

Pulse Doppler Mode measures the velocity of blood flow by the doppler shift due to pulse waves and gives a spectral display and audio of blood flow in a blood vessel at the "pulsed wave gate".



Power Doppler Mode

Power Doppler Mode displays a visual overview of the blood flow without directionality or mean velocity information.

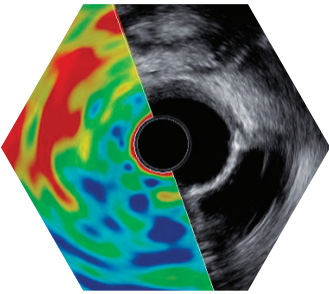
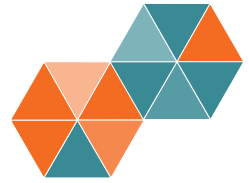




Processor Technology.

The EG-580UT and EG-580UR EUS scopes are compatible with the Eluxeo® Endoscopic Video Imaging System. Eluxeo's innovative 4-LED Multi-Light illumination technology creates high quality images, with videos displayed in full HD.

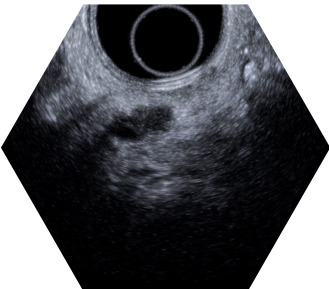
Additionally, the EG-580UT and EG-580UR EUS scopes are compatible with the Fujifilm VP-4440HD processor to ensure compatibility with existing systems.



(Red=soft, Blue=hard)

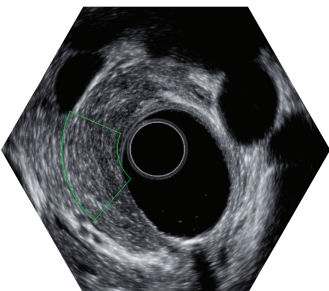
Elastography

Relative stiffness of the tissue is visualized as a color distribution map by calculating the distortion of the tissue caused by external compression or inner vibration, displaying disparities of stiffness levels as different colors.



Harmonic Imaging

Images are calculated using higher harmonic components that are generated when ultrasound waves are reflected by the body tissue. By increased resolution and reduced artifacts, this mode enables ultrasound image observation with reduced noise.



Sound Speed Correction

Images are recomposed using the estimated optimal sound speed inside the body. With the SU-1, it is possible to set the ROI and display a clearer image of the targeted area.



EG-580UT Curved Linear EUS

The Fujifilm EG-580UT Curved Linear Endoscopic Ultrasound scope is designed with a small bending radius and short rigid section to enable easy access to targeted areas. A wide puncture range enables FNA and FNB from a variety of positions to achieve broader accessibility.

Ergonomic Control Portion

The Fujifilm G7 scope grip is ergonomically designed to enhance comfort with a rounded handle surface, enabling intuitive operation. The angulation of the buttons and knobs on the scope handle is designed to provide pressure relief, helping to minimize metacarpal fatigue and optimize procedural performance.

Distal Tip Bending Capability

The powerful bending capability combined with a short rigid section supports manipulation in the duodenum and stomach.

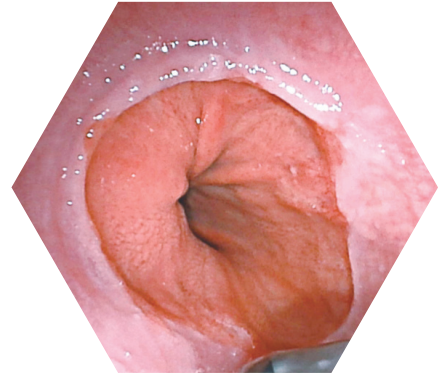
Elevator Locking

The EG-580UT Curved Linear Endoscopic Ultrasound scope is equipped with an elevator locking assist which enables flexible and subtle endoscopic operations during therapeutic procedures and supports stable puncture trajectory.



Endoscopic Viewing Angle

The 40° Forward Oblique viewing angle of the EG-580UT Curved Linear Endoscopic Ultrasound scope is ideal for navigation, providing ease of ability in viewing the advancement path.



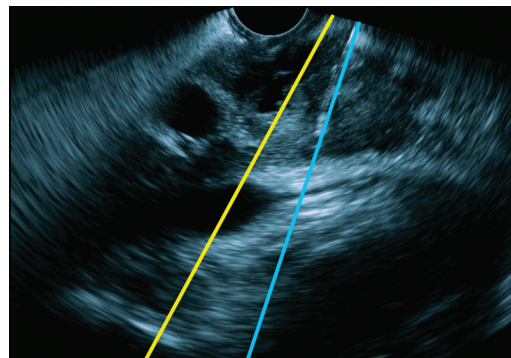
Advanced Force Transmission

The braided and coiled inner tube allows a gradual flexible to firm taper, providing advanced force transmission to maximize scope maneuverability.



Needle Trajectory

The enhanced elevator mechanism provides smooth needle movement and facilitates wide needle trajectory when targeting lesions for Fine Needle Aspiration (FNA) and Fine Needle Biopsy (FNB).



19 Ga needle

EG-580UR Radial EUS

The Fujifilm EG-580UR Radial Endoscopic Ultrasound scope is equipped with a slim distal end diameter, round tip design, and a direct forward view for insertion into narrow lumens often encountered in standard gastroscopic procedures.



Ergonomic Control Portion

The Fujifilm G7 scope grip is ergonomically designed to enhance comfort with a rounded handle surface, enabling intuitive operation. The angulation of the buttons and knobs on the scope handle is designed to provide pressure relief, helping to minimize metacarpal fatigue and optimize procedural performance.

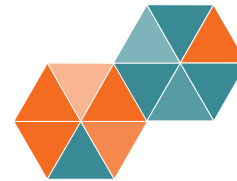
2.8 mm Working Channel

The working channel provides enhanced suction power and therapeutic capabilities during endoscopic and ultrasonographic procedures.



Distal Tip Bending Capability

The 190° bending capability of the EG-580UR Radial Endoscopic Ultrasound scope combined with a short rigid section supports manipulation in the duodenum and stomach.



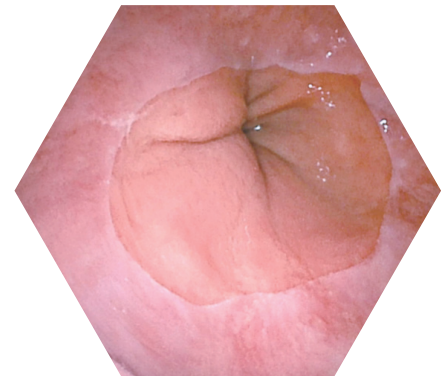
11.4 mm Distal Tip OD

The EG-580UR Radial Endoscopic Ultrasound scope offers a slim distal end diameter of 11.4 mm to facilitate scope insertion.



Endoscopic Viewing Angle

The 0° Forward Viewing provides ease of advancement and instrument deployment, and is ideal for use in EGD procedures.



Advanced Force Transmission

The braided and coiled inner tube allows a gradual flexible to firm taper, providing advanced force transmission to maximize scope maneuverability.





Your Reliable Partner for Service and Support.

EG-580UT and EG-580UR Endoscopic Ultrasound scopes come with the assurance of a cost-effective, easy-to-use and maintain system backed by a partner with industry-proven reliability and support. Fujifilm values its partnership with customers, ensuring service and support that's expert, reliable, fast, and efficient from purchase through needed scope repairs for the life of your product – because improved outcomes are achieved with a partner that Gives You More to help optimize your performance.

Endoscopic Ultrasound Specifications

Category	EG-580UR Radial EUS Scope	EG-580UT Curved Linear EUS Scope
Field of View	140°	140°
Observation Range [mm]	3-100mm	3-100 mm
Distal End [mm]	11.4 mm	13.9 mm
Flexible Portion [mm]	11.5 mm	12.4 mm
Working Channel [mm]	2.8 mm	3.8 mm
Bending U/D/L/R	190° / 90° 100° / 100°	150° / 150° 120° / 120°
Viewing Angle	0°	40° forward oblique
Working Length	1250 mm	1250 mm
Scanning Method	Electronic radial scan	Electronic curved linear array scan
Scanning Angle	360°	150° with SU-1
Acoustic Frequency	5MHz/7.5 MHz/10MHz/12MHz	5MHz/7.5 MHz/10MHz/12MHz
Compatible Systems	4440HD, Eluxeo SU-1, SU-1 Platinum	4440HD, Eluxeo SU-1, SU-1 Platinum

For more information, contact your Fujifilm representative today, or call 1.800.385.4666.
www.fujifilmendoscopy.com