With superior imaging performance and FNA capability, this compact new ultrasound system heralds the new era of excellence in EUS.
Specifically Designed For EUS-Guided FNA Procedures, Olympus’s Leading-Edge Endoscopic Ultrasonography System Features High-Quality Ultrasound Images, Clear High-Resolution Video Images And Advanced Scope Design

EU EXERA COMPACT ENDOSCOPIC ULTRASOUND CENTER

EU-C60

EUS-guided FNA procedures have never been so simple or so efficient

Designed to make EUS-guided fine needle aspiration more efficient, the EU-C60 Compact Endoscopic Ultrasound Center, together with the GF-UC180P and GF-UC160 scopes, makes it much easier for you and your patients to benefit from the enormous potential of EUS. The ultrasound center’s sleek, compact design makes it easy to install and transport on your existing endoscopy trolley, while its convenient keyboard with trackball gives you versatile, easy-to-operate control over the system’s many powerful functions. On the imaging side, the GF-UC180P and GF-UC160 scopes feature an exclusive high-performance transducer that efficiently converts sound waves into sharp, comprehensible ultrasound images. For video endoscopy, a high-resolution CCD built into the scope tip captures clear, bright Images that can be displayed side by side with the ultrasound images to give you a full and comprehensive picture. This powerful performance of the new EU-C60 system together with the Olympus NA-001 Aspiration Needle enables you to perform FNA with greater precision and confidence.
Compact, easy-to-use processor for your advanced EUS-guided FNA procedures.

- Small size and lightweight: minimal space in your endoscopy suite.
- Color Power Doppler (CPD): easier identification of blood flow at the touch of a button.
- Useful memory functions: Capt Image and Store Image.
- Increased flexibility in EUS-guided FNA and video endoscopy: total system compatibility with your existing endoscopy trolley.
- Streamlined flat panel: simple operation of mode adjustment, easy to wipe off.

Major indications for EUS-guided applications:

- Assistance in the staging and tissue acquisition of malignant disease: Gastrointestinal tract cancers, including esophageal, pancreatic, gastric and colorectal, and lung cancer through mediastinal nodal involvement.
- Assessment of benign disease: Such as chronic pancreatitis, cholelithiasis, (common bile duct stones) and gallstones.
- Interventional applications: Celiac plexus block, or neurolysis, and pseudocyst drainage.

Ultra-Compact Transducer And High-Resolution CCD
For Superiority In Both Ultrasound And Video Imaging And Tip Design For Outstanding Insertion Capability

**EXERA ULTRASONIC GASTROVIDEOSCOP**

**GF TYPE UC160P-OL5 / GF TYPE UCT160-OL5**

**Features**

- Ultra-compact transducer incorporated into the distal end has a 5 mm radius of curvature, offering outstanding maneuverability inside the upper digestive tract.
- High-resolution CCD delivers crystal-clear, true-to-life video endoscopic images and enables accurate visualization of the target area and the FNA needle as it exits the endoscope.
- Convex scanning makes possible various imaging features including B-mode and advanced Color Power Doppler (CPD) mode for the detection of vascular structures.
- Wide 180° scoping angle ensures comprehensive imaging of all structures surrounding the region of interest.
- The GF-UC160P-OL5 has a slim 11.8 mm insertion tube diameter and 2.8 mm channel diameter for FNA with a 22G needle.
- The GF-UCT160-OL5 has a larger 5.7 mm diameter channel for FNA.

Suitable for pancreatic cysts, stricture under fluoroscopic imaging guidance.
Easy Operation from the EU-C80 Keyboard

Display Adjustment functions
Images can be adjusted using eight-step display ranges (2:1).
Images can be zoomed in or out, be inverted or reversed.

Image Adjustment functions
Through settings to GAIN, NR-BL LEAP, and FAIR GAIN
are regulated. The OPTIMIZE function allows B-mode and Color
Power Doppler (CPD) images to be adjusted in three steps: PEN
(panoramic), RES (reduced), and GAIN (general).

Measurement functions
The EU-C80 offers a variety of measurement functions. The
Distance mode measures a distance defined by the "S" and "K
markers. The Area/Circumference mode measures the area and
perimeter, respectively, by the cursor tracing.
Various echo-intensity probes are also available, improving the
visual quality of the EU-C80 in medical and veterinary
imaging.

Memory functions
The Store Image mode allows for storage of approximately 32
images in the built-in RAM. The Clear Image mode provides free
with a series of sequential images taken just before FREEZE is
activated, so you will not miss the clear image required. Other
digital modes include B-mode and Color Power Doppler (CPD)
mode.
ASPIRATION NEEDLE

NA-10J-1

Excellent targeting capability, outstanding tip visibility, and unique adjustable sheath

Features

• Built for use with all Olympus ultrasonic endoscopes designed for EUS-guided FNA, the NA-10J-1 allows for accurate manual targeting of suspicious lesions.
• Flexible insertion onto the ultrasonic endoscope’s channel port for added flexibility.
• An adjustable length sheath guides the needle to the target area and provides support during puncture, minimizing the need to reposition the endoscope.
• Excellent needle tip visibility due to a highly orthogonal dispensing design.
• Sheath and handle are interchangeable for quick, easy sterilization.
• Needle and stylet are replaceable and packaged sterile.