

**PENTAX** Medical  
Endoscopic Ultrasound EG-3870UTK

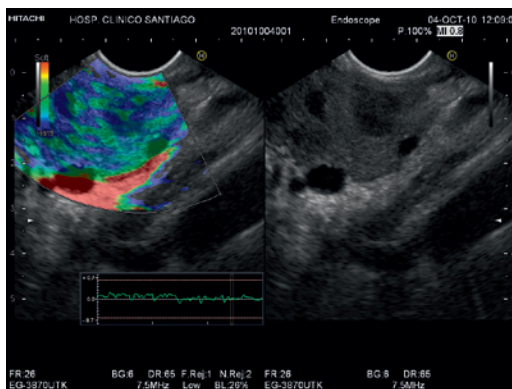
*Linear-array ultrasound endoscope for therapeutic EUS.*



The EG-3870UTK ultrasound endoscope with its outstanding image quality offers an optimal foundation for the detection and staging of lymph nodes and tumours in the gastrointestinal system. The combination of excellent image quality and a large working channel offers a variety of therapeutic options.

## EG-3870UTK

State-of-the-art ultrasound technology in a linear endoscope for therapy.



Pancreatic lymphoma<sup>1)</sup>

### State-of-the-art image quality

- The EG-3870UTK has a linear-array ultrasound transducer that displays a large field of view of 120° with an outstanding image quality providing the endoscopist with a high level of diagnostic precision for all indicated application areas.
- Supported by various imaging modalities such as Hitachi Real-Time Tissue Elastography (HI-RTE) and Doppler function, a more accurate localisation and targeting of lesions is possible.

### Maximum comfort

- The high flexibility and advanced maneuverability of EG-3870UTK allow more precise navigation.

- One touch balloon, two-stage suction and three-stage air/water valve provide easy control, thus enhancing user performance.

### Broad field of applications

- The EG-3870UTK incorporates a large 3.8 mm working channel for a wide spectrum of applications from diagnostic EUS to therapeutic interventions.

<sup>1)</sup> Courtesy of Dr. Julio Iglesias Garcia, University Hospital of Santiago de Compostela, Spain

## Ultrasound Endoscope EG-3870UTK

Type	EG-3870UTK
Direction of viewing field	Forward oblique [45°]
Field of view [°]	120
Dept of field [mm]	5 – 100
Tip deflection up/down [°]	130/130
Insertion tube [Ø mm]	12.8
Distal end [Ø mm]	14.3
Distal end diameter US probe [Ø mm]	2.5 x 12.3
Instrument channel [Ø mm]	3.8
Working length [mm]	1,250
Scanning angle [°]	120
Acoustic Frequency [MHz]	5 – 10 switchable
Scanning direction	Longitudinal
Scanning system	Convex

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