FUJIFILM
Value from Innovation

the next level in precision surgery ultrasound

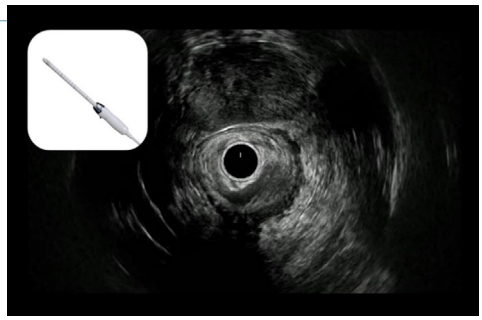
surgery imaging

Coloproctology

Ultrasound plays a key role in coloproctology for assisting the physicians prior, during and after a colorectal surgery. Combining high-end imaging technologies with our 360° electronic probe you get superior tools for accurate assessment and diagnosis of anus, rectum and colon pathologies with high confidence and great sensitivity. It helps planning the best therapy approach, and to follow-up the recovery process, enabling a safe and optimal patient's outcome.

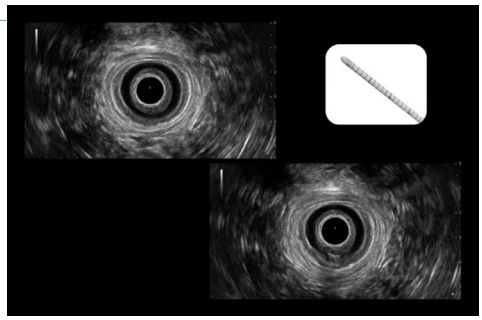
Assess from anal to rectal in a clear 360° radial view

Our electronic transrectal probe delivers high resolution radial ultrasound for clear localisation of even the smallest anomalies and assess a treatment approach. Get all anatomical details you need to diagnose pathologies, like fistulas, polyps or rectal lesions, by observing all different layers of the anal canal and rectal wall with the use of a balloon. In addition, the very slim probe - only 12mm in diameter – allows easy handling with less patient discomfort.



Get your best image for 360° Endo-Anal assessment

Scan in high resolution and detail the different anal canal portions (Lower, Mid and Distal) in order to identify sphincter defects, assess anal incontinence and the presence of abscesses. By checking the thickness and symmetry of the muscle and sphincter layers you can easily identify abnormalities, such as fistulas and follow their path.



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FUJIFILM Healthcare Europe Holding AG, Sumpfstrasse 13, CH-6312 Steinhausen, www.fujifilm.com/hce

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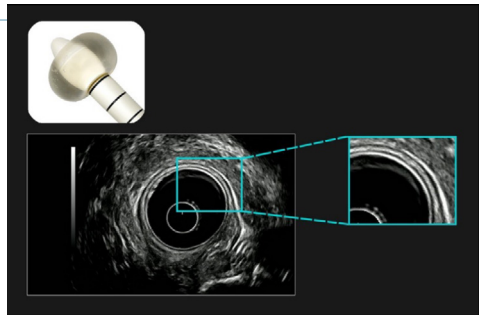
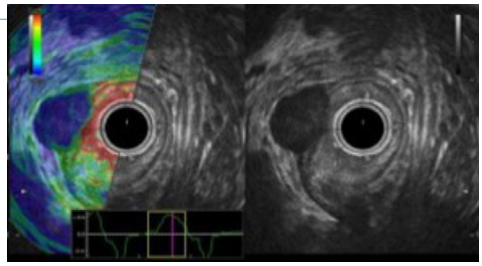
Get your best image for 360° Endo-Rectal assessment

To ensure a perfect coupling of the probe with the rectal wall, we use a balloon mounted on the probe head, inflated with water to have high-resolution images. Get a clear differentiation of the rectal wall layers (Mucosa, Sub-Mucosa, Muscularis and Serosa), which eases the process of rectal tumour staging. Our thin 12 mm diameter probe allows you to scan even in the presence of large rectal tumours, narrowing the rectal space, since it can pass into the rectal strictures.



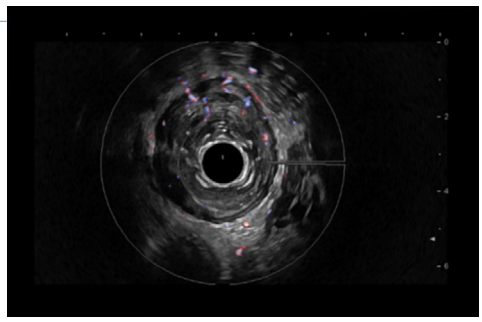
Take a harder look at soft tissue to further characterize colorectal lesions

Improve cancer detection and staging with elastography, displaying differences in tissue elasticity in a colour map. The strain ratio index will help you differentiate between benign and malignant masses, while its real-time application facilitates to understand the extent of the tumour invasion. You can include assessment of lymph nodes, GIST or stage rectal tumours and decide on your treatment approach with confidence.



Understand vascularisation to outline suspicious areas

Dense or asymmetrical vascularisation in the rectal wall can be a suspicious sign for a cancerous lesion or reactive lymph node. Our highly-sensitive Colour Flow, eFLOW and Power Doppler modes display blood flow in greater detail - helping you identify areas of increased blood perfusion quickly and easily.



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