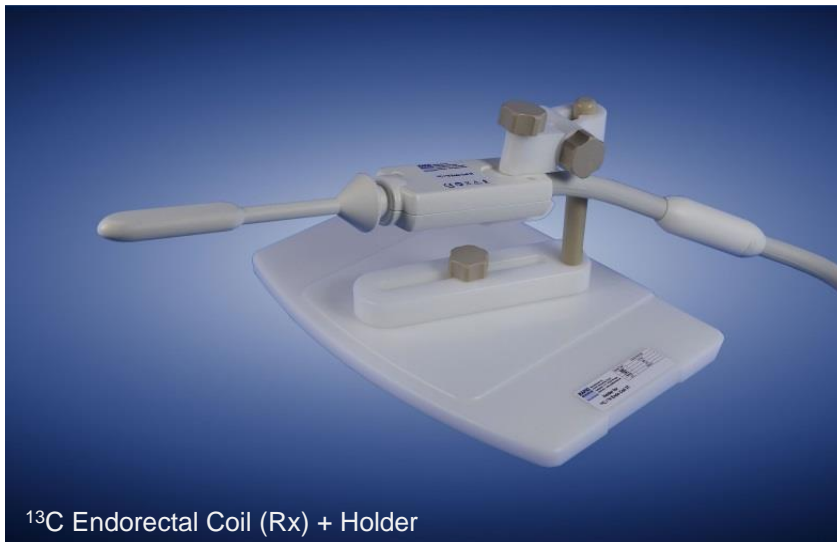


^{13}C Endorectal Coil

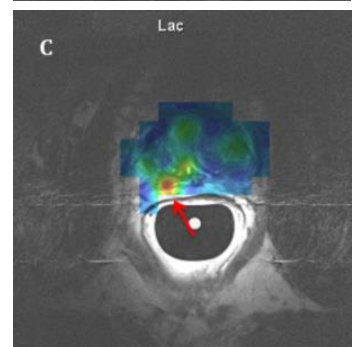
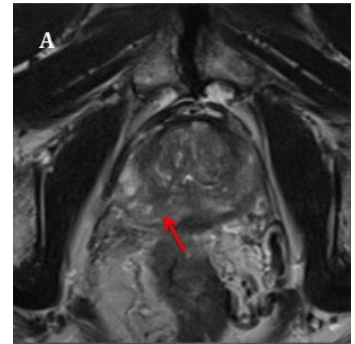
MR Coils Made-to-Measure



^{13}C Endorectal Coil (Rx) + Holder

Image Courtesy: Fiona Gong, University College London, U.K.

T2 weighted image (A) and diffusion MR image (B) from routine multi-parametric MRI demonstrating a focal tumour (arrow) confirmed at biopsy as Gleason 3+4; more visible on hyperpolarised MRI study as increased ^{13}C lactate signal (arrow)



Specifications

- dual-tuned ^{13}C / ^1H coil for endorectal studies
- receive-only
- dedicated ^{13}C transmit coil required
- use of ^1H body coil allowed
- B_0 -field strength 3 T
- sealed coil head
- housing dimensions: 9.7 x 3.1 x 2.2 cm (coil head) / \varnothing 1.2 cm (coil neck)
- approx. weight: 1.2 kg (coil only) / ca. 3.5 kg (holder)
- individually adaptable to different MR systems

Regulatory requirements for medical devices will vary by country and MR system.

Please, contact us at info@rapidbiomed.de or info@rapidmri.com (USA, Canada, and South America) to determine approval status for products mentioned on this product sheet.