

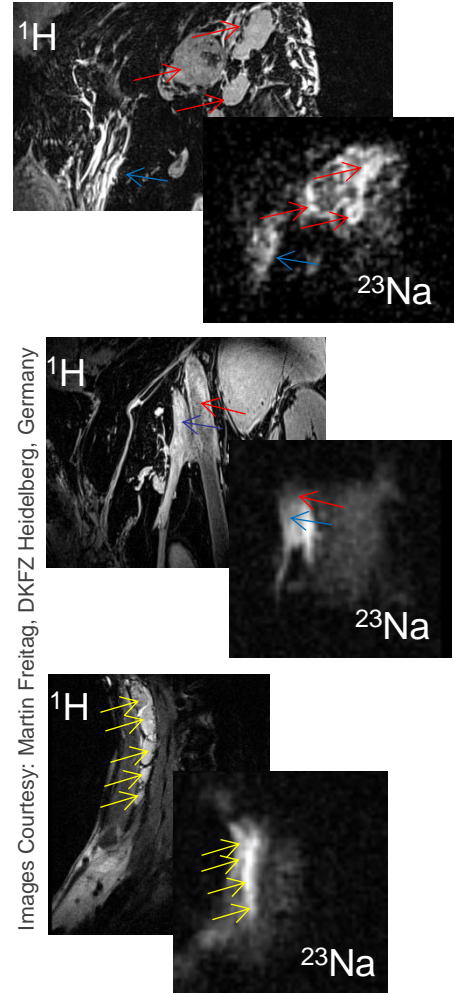
## Dual Tuned Flex Surface Coil @ 7 T \*

MR Coils Made-to-Measure

RAPID Biomedical has developed the first flexible, multi-purpose dual tuned coils dedicated to the Siemens MAGNETOM Terra 7 T MR system. These coils are distributed by Siemens.



- multi-purpose application, whole body, head excluded
- available for  $^{23}\text{Na}/^1\text{H}$ ,  $^{31}\text{P}/^1\text{H}$ ,  $^{13}\text{C}/^1\text{H}$ , and  $^{19}\text{F}/^1\text{H}$
- transmit / receive linear polarization for both nuclei
- flexible coil housing
- adapts to body shape with maximum patient comfort
- interfaced to Siemens MAGNETOM Terra 7 T
- application shown is  $^{23}\text{Na}$  on the C-spine



Images Courtesy: Martin Freitag, DKFZ Heidelberg, Germany

## Specifications

approvals	CE approval in progress for $^{31}\text{P}/^1\text{H}$ For other nucleus combinations: No medical device, limited to investigational use.
$B_0$ -field strength	7 T
housing dimensions	14 x 15 cm without housing and cable
weight	ca. 1 kg without housing and cable