

## 7 T 8-Channel Cervical Spine Array \*

### MR Coils Made-to-Measure

In the recent years 7 T MRI systems have enabled a new class of human applications. The Cervical Spine array makes use of the increased SNR and supports ultra high resolution of the vertebrae.



Image courtesy: A. Massire, V. Callot  
CRMBM-CEMEREM, Marseille, France

- array for cervical spine application
- 8 independent channels for extended sensitive area (C1-C7)
- transmit SENSE capable
- anatomically shaped coil housing
- individually adaptable to most established 7 T human MR systems with one or more individual transmitters for parallel transmit applications

The current rules for medical devices prohibit a CE-approval for 7 T coils. To compensate for this RAPID Biomedical runs a medical device compatible testing of 7 T coils.

## Specifications

approvals	No medical device, limited to investigational use.
$B_0$ -field strength	7 T
housing dimensions	23.3 x 21.6 x 12.9 cm (l/w/h)
weight	1.7 kg (without interface)