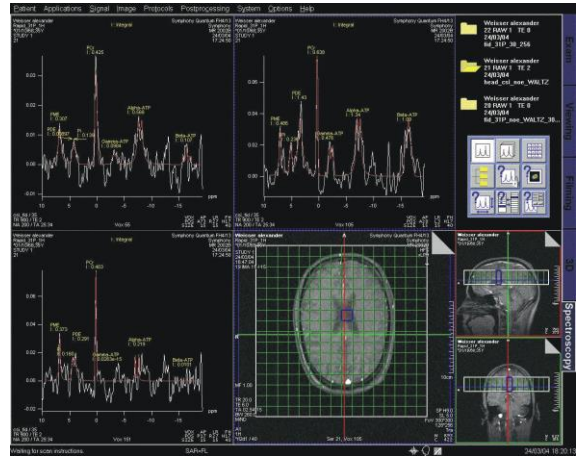


## 3T Dual Tuned Head Coils \*

### MR Coils Made-to-Measure

Localized  $^1\text{H}$  spectroscopy provides important information for tumor diagnosis and yields data about the efficiency of tumor treatment.  $^{31}\text{P}$ ,  $^{23}\text{Na}$  and  $^{13}\text{C}$  spectroscopy further adds information about metabolism and diseases of the brain like stroke, tumors and inflammation.



Data Courtesy: Jan Ruff, Siemens AG

- optimized for studies of the human head
- both channels equipped with quadrature polarization
- enhanced sensitivity
- optimum SNR and homogeneity
- capable of performing  $^1\text{H}$  decoupled experiments when applicable
- maximum patient comfort
- available for  $^{31}\text{P}$ ,  $^{23}\text{Na}$  and  $^{13}\text{C}$  combined with  $^1\text{H}$  (other non-proton nuclei on demand)
- individually adaptable to most established MR systems
- **a pediatric version with adapted measurements is also available**

## Specifications

\* Regulatory requirements for medical products will vary by country and MR system. Please contact us at [info@rapidbiomed.de](mailto:info@rapidbiomed.de) or [info@rapidmri.com](mailto:info@rapidmri.com) (USA, Canada, and South America) to determine approval status for products mentioned on this product sheet.

$B_0$ -field strength	1.5 T and 3 T
dimensions	inner diameter: 26.5 cm housing length: 43 cm
weight	ca. 10 kg