

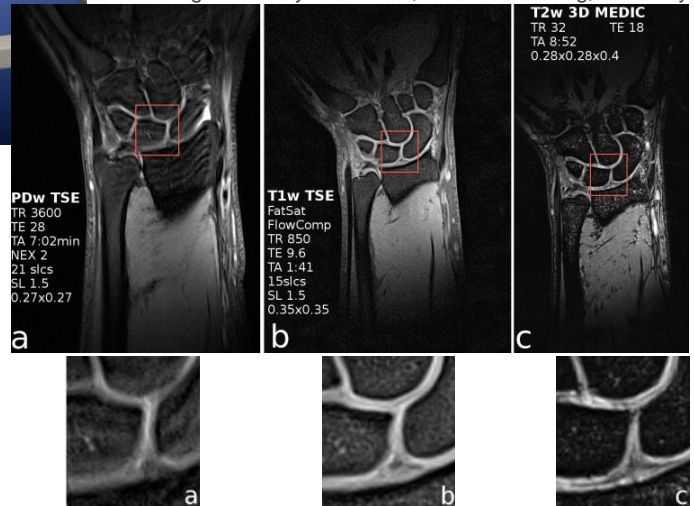
7 T 16-Channel Wrist Array

MR Coils Made-to-Measure



Images show in-vivo (coronal) of the right wrist of a healthy volunteer. Apart from minor motion artifacts on the left the images are pristine and clearly depict the wrist anatomy and cartilage in high detail.

Image Courtesy: Stefan Alt, DKFZ Heidelberg, Germany



Specifications

- array for high resolution wrist imaging
- transmit quadrature birdcage
- split receive array and separate transmit coil
- 16 receive channels, supporting parallel imaging
- B_0 -field strength 7T
- head rest for „Superman“-positioning
- slide frame supports flexible positioning for left or right wrist
- housing dimensions: volume resonator: approx. ID 17 cm, OD 21 cm, length 29 cm
- Rx Array: approx. length 8 cm
- shape follows hand anatomy
- approx. weight: 9 kg
- individually adaptable to different MR systems
- no medical device

Caution! Investigational device limited by Federal (or United States) Law to investigational use only.