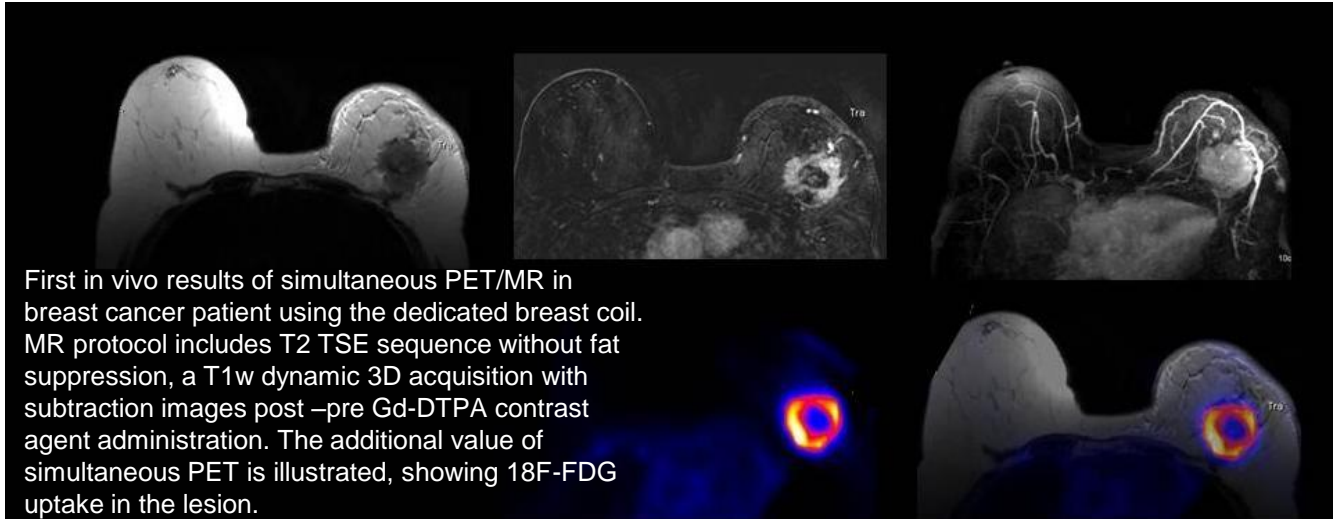


# 16-Channel PET/MR Breast Array for Diagnostic Imaging

## MR Coils Made-to-Measure



First in vivo results of simultaneous PET/MR in breast cancer patient using the dedicated breast coil. MR protocol includes T2 TSE sequence without fat suppression, a T1w dynamic 3D acquisition with subtraction images post -pre Gd-DTPA contrast agent administration. The additional value of simultaneous PET is illustrated, showing 18F-FDG uptake in the lesion.

Image Courtesy: I. Dregely, Nuklearmedizin, Technische Universität München  
Above samples are acquired with a Siemens 3 T Biograph mMR.



## Specifications

- 16 receive elements
- supports parallel imaging
- PET compatible
- imaging volume: 2 l on each side
- $B_0$ -field strength: 3 T
- ergonomically shaped coil housing and cushions
- low profile housing in favour of patient positioning
- approx. housing dimensions: 37 x 54 x 20 cm
- available for Siemens Biograph mMR and GE Signa PET/MR
- adaptable to non PET/MR systems

Regulatory requirements for medical devices 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.