

### Product Info

Medibord Avior is our range of radio therapy overlays that are compatible with Philips MRI systems Achieva and Ingenia, including PET/MRI. Solutions for 60cm and 70cm bore are available.

#### Product dimensions

length	2411 mm
width	530 mm
thickness	20 mm

PET-MRI machine is where Medibord excels, as the MRI compatibility and low gamma ray attenuation come to their full effect simultaneously in one application. Medibord solution to Philips PET/MRI is the Avior P2X. It provides a clean and flat surface for accurate patient positioning and indexation to enable optimum repeatability between imaging and treatment.

The overlay covers the entire patient area and is raised 25mm above the top level of the rails to create clearance for the cardiac/torso coil. Fixed spacers locate the overlay perfectly to the table.



The Medibord weighs less than 5 kg and its high resilience which makes the overlay highly suitable for rapid change-overs during interdepartmental use of the PET-MRI system. The overlay can be removed within minutes, thus minimising downtime.

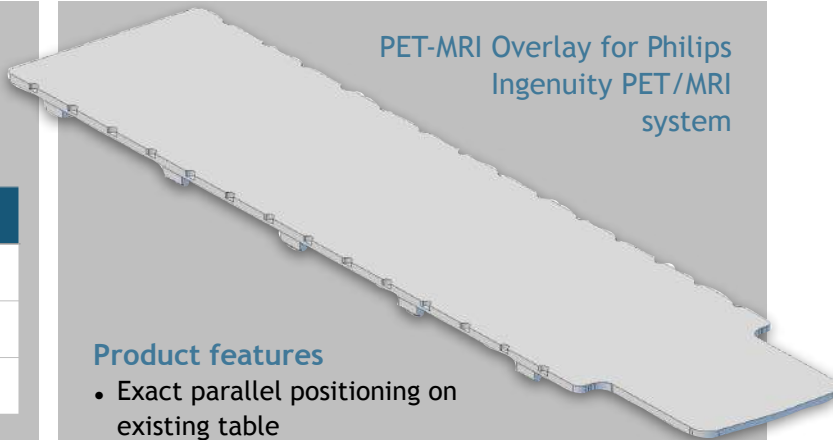
The overlay provides semi-circular recessed indexing points for two-pin bars and other positioning ancillaries.

#### Coil Holders

A coil holder is available for the SENSE torso/cardiac coils. Please contact us for further details.



PET-MRI Overlay for Philips  
Ingenity PET/MRI  
system



### Product features

- Exact parallel positioning on existing table
- Raised to fit main coils
- Full table size
- Low height 20mm
- High rigidity
- SENSE torso/cardiac coil compatible



### Advantages of MRI imaging in RT planning

- Increased soft tissue definition
- Accurate tumor sizing

### Advantages of improved treatment

Reduces damage to healthy tissue and reduces side effects of RT such as

- Head and neck: salivary glands spared
- Prostate: less damage to rectum and urinary tract
- Cervix: passages less affected

### Radio-physical benefits

- Low attenuation to gamma radiation
- Fully MRI compatible
- Non-conductive
- RF compatible

*Please contact us for other PET-MRI systems*



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