

# Medibord®

## MRI based radiotherapy planning

# Avior P2

### Product Info

Medibord Avior is the range of Radio Therapy overlays compatible with the Philips MRI systems Achieva and Ingenia, including PET/MRI. Solutions for 60cm and 70cm bore are available.

#### Product dimensions

length	2360 mm
width	530 mm
thickness	20 mm

For Philips Achieva MRI systems Medibord offers Avior P2 overlays, they provide 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 coil cables. Fixed spacers locate the overlay perfectly to the table.

The scanning zone has a reduced width to allow for the TorsoXL coil to be wrapped around patient and overlay.

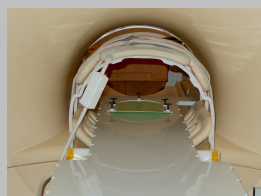


Its low weight of less than 5 kg and its high resilience make the overlay highly suitable for rapid change-overs during interdepartmental use of the PET-MRI system. The overlay can be removed within minutes, minimising downtime.

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

#### Coil Holders

The coil holder is suitable for the TorsoXL coil and uses the full space of the 60cm bore to allow optimal use of space.



MRI Overlay for Philips Achieva  
1.5T and 3.0T MRI system

### Product features

- Exact parallel positioning on existing table
- Raised to fit main coils
- Full table size, reduces width in scanning zone
- Low height of 20mm
- High rigidity
- TorsoXL coil compatible
- Support beams for increased rigidity
- Klarity head mask fixing pattern

### Advantages of MRI imaging in RT planning

- Increased soft tissue definition
- Accurate sizing

### Advantages of improved treatment

Reduces damage to healthy tissue

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

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

*Please contact us for other MRI and PET-MRI systems*



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