

Medibord®

overlay for MRI based radiotherapy planning

Mirak S2

Product Info

The Mirak S2 model for Siemens Magnetom Espree and Excite 1.5T MRI machines provides a clean and flat surface for accurate patient positioning and indexation to enable optimum repeatability between imaging and treatment. Image fusion with CT images can be undertaken very quickly as table curvature is eliminated.

Product dimensions

length	1665 mm
width	509 mm
thickness	20 mm

The overlay is placed directly on the rail surface after removing cushions from around the main coil, optimising bore space. The board is accurately located and locked with oblong sliding pins in each corner. The width is slightly larger than the normal patient area but leaves the t-rails accessible for accessories.



A low weight of under 5 kg and high resilience make the overlay highly suitable for busy MRI rooms, where RT planning is combined with diagnostic scans and the overlay needs to be removed on a regular basis. The head end has a cut-out to fit around the head coil unit. It also provides semi-circular recessed indexing points for two-pin bars other positioning ancillaries.

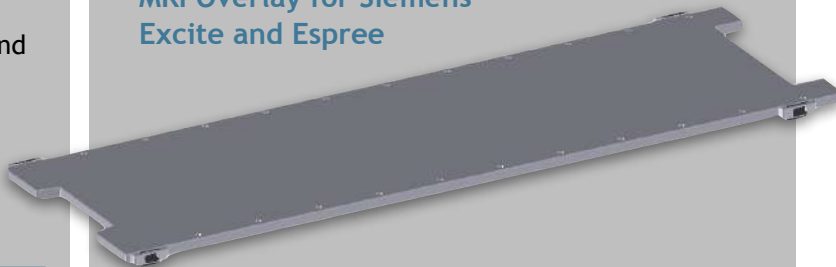
Advantages of MRI imaging in RT planning

- Increased soft tissue definition
- Accurate sizing

Locator pins



MRI Overlay for Siemens Excite and Espree



Product features

- Interlocks onto existing table with 4 oblong pins
- Works with main coils under board
- Full table size, with cut-out for head coil and foot end
- T-rail remains fully accessible
- Low height 20mm
- High rigidity

Advantages of improved treatment

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

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

Radio-physical benefits

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

Other Siemens compatible overlays available for:
[Magnetom Skyra and Aera, Biograph mMR](#)



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