

Medibord®

overlay for MRI based radiotherapy planning

Mirak S1

Product Info

The Mirak S1 model for Siemens Magnetom Skyra and Aera 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	1726 mm
width	530 mm
thickness	20 mm

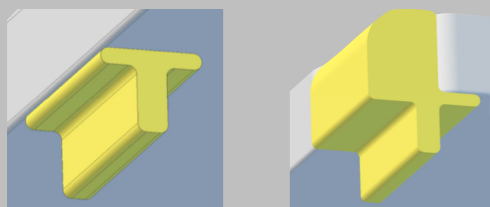
The overlay covers the entire cushioned patient area and is raised 10 mm above the top level of the rails. Bright coloured spacers locate the overlay perfectly parallel to the table.

The width matches that of many linear accelerator radiotherapy treatment systems providing broad compatibility.



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 and other positioning ancillaries.

Spacer/Locator



MRI Overlay for Siemens Skyra and Aera



Product features

- Interlocks onto existing table
- Cushions and main coils stay in place
- Full table size, with cut-out for head coil
- Low height 20mm
- High rigidity

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 gland 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

Other Siemens compatible overlays available for:
Magnetom Excite and Espree, Biograph mMR



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