

*Highest precision in
stereotactic
neurosurgery*



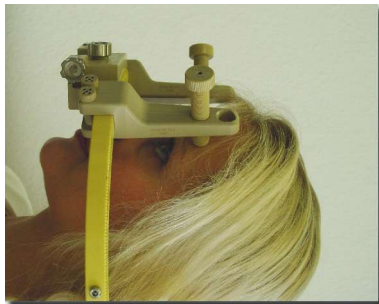
Stereotactic Devices

Stereotactic system

MRC's stereotactic system enables the precise introduction of minimal-invasive instruments into the human brain.

For this purpose a rigid ring is fixed to the patient's head before the intervention. Then, based on images from CT or MRT, the surgeon defines a safe approach to the target area in the brain. He makes use of markers at the stereotactic system that are represented in the tomographic images.

Thus, he can use a targeting device to insert his instruments in a pre-calculated orientation.



Ceramic head ring and fixation components (MR-compatible)



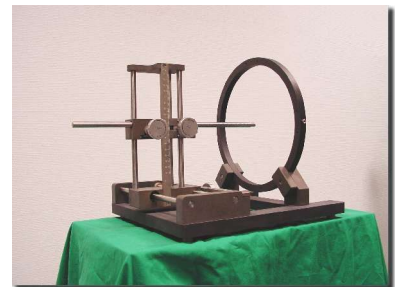
Stereotactic device with head ring, aiming bow, and puncture needle



Stereotactic aiming bow

Target point simulator

The target point simulator is used to control the calculated coordinates, before an instrument is introduced into the human brain.



Target point simulator

MR-compatible system

We also offer an MR safe model of the stereotactic system that is built from MR compatible materials. The head ring is made of ceramic and the fixation levers are made of PEEK.



MR-compatible system

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Work in progress. Subject to change without prior notice.