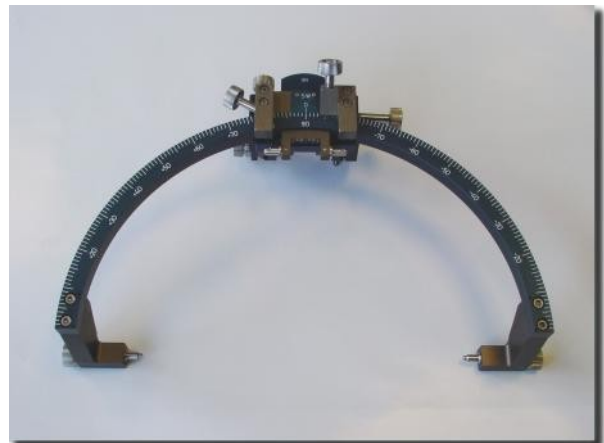


Stereotactic system

Our stereotactic systems enable 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 computed tomography and/or magnetic resonance tomography, the neurosurgeon 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.

The Stereotactic Device comprises all mechanical parts:

- the head ring
- the aiming bow with targeting and guiding
- the fixation components
- MR/CT compatible localizers
- the required accessories



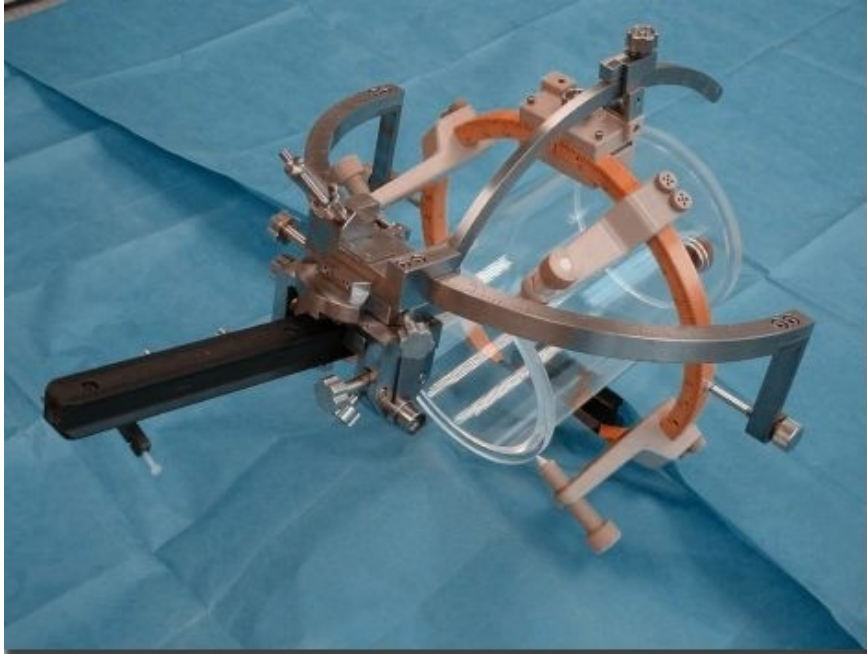
Target point simulator

The simulator is used to verify the needle position before the intervention.



MR-compatible stereotactic system

We also offer an MR safe model of the stereotactic system that is built from MR compatible materials. The picture in the top left shows the ceramic ring and the PEEK fixation components



More Information

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Work in progress. Subject to change without prior notice.

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