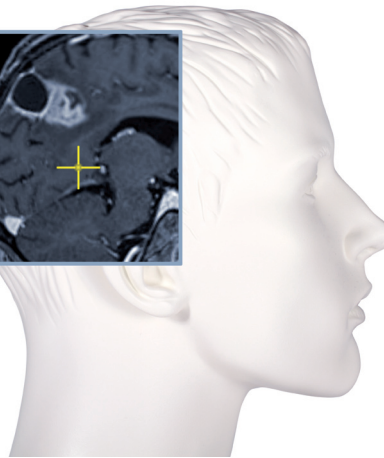
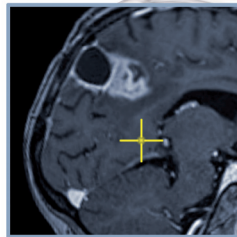




The *new* Dimension in Navigation

Navigation System for Neuro Surgery



Unique
Pointer
Technology

BiopsyPointer

The **BiopsyPointer** is readily sterilized and allows precise navigation of brain biopsy cannulas. Measuring only 1.10 mm in diameter, it is simply inserted into a cannula, catheter or working channel – the instrument becomes instantly navigable.

Software

The software modules *Planning*, *Navigation* and *Fusion* equip the **fiagon System** with all the necessary functionality for neurosurgical interventions. The patient is registered quickly using fiducials or dynamic surface scanning.

Localizer

Localizing sensors that reference the patient during surgery have been specifically designed for every application. The miniaturized sensor technology allows them to be placed in such a way that there is no overlap with the surgical intervention area.

Fusion

The *Image Fusion* function supports an automatic fusion of different data formats (CT, PET, MRI/fMRI, DTI).



Navigation System for Neuro Surgery



The system assists the surgeon in the following fields of application

- Placement of hydrocephalus catheters/shunts
- Navigation of neuroendoscopes
- Tumor surgery
- Frameless biopsies
- Lateral skull base interventions

The system comprises

- Navigation unit
- Field generator integrated into the headrest and/or Mayfield clamp
- Software for Navigation and Planning and optionally the Fusion of different data formats (CT, PET, MR/fMRT, DTI)
- **BiopsyPointer, FlexPointer**
- Patient Localizer
- Mounting bracket for cannulas and/or neuroendoscope
- iPad / iPhone remote control



iPad / iPhone remote control

Unique pointer technology

- **BiopsyPointer** (Ø 1,10 mm)
Miniscule sensors in the tip allow precise navigation of various biopsy cannulas.

