



BLACK
FOREST
MEDICAL
GROUP

DORO LUCENT® IMRI HEADREST SYSTEMS



DORO LUCENT® iMRI Headrest Systems



FAST

Directly mountable to transfer boards of selected OR table manufacturers.

FLEXIBLE

The parallelogram design supports you in properly positioning your patient for surgery.

FAMILIAR

The classic 3-pin skull clamp design with ratcheting system allows you to rely on your trained routine and known workflows.

AUTOMATIC IMAGE REGISTRATION (AIR) READY

Brainlab Automatic Image Registration (AIR) is the fundamental technology for high-precision surgical navigation from start to finish. It adds intraoperatively acquired MR images to surgical navigation while maintaining the preoperative surgical plan. This updated registration compensates for potential loss of navigation accuracy during surgery. The Brainlab registration matrix with integrated MR markers is designed for use exclusively with DORO LUCENT® iMRI Headrest System and therefore does not compromise standard patient positioning.





Please find further information on the product's web page.

Advanced Technologies, Known Routines

Intra-operative Magnetic Resonance Imaging (iMRI) helps surgeons capture views of the brain during surgery. This allows them to remove a tumor more safely having the visual proof that it is completely eliminated. Our aim is to improve surgical procedures. Therefore, we developed a technically advanced solution, which can be used for iMRI, but is yet easy to use.

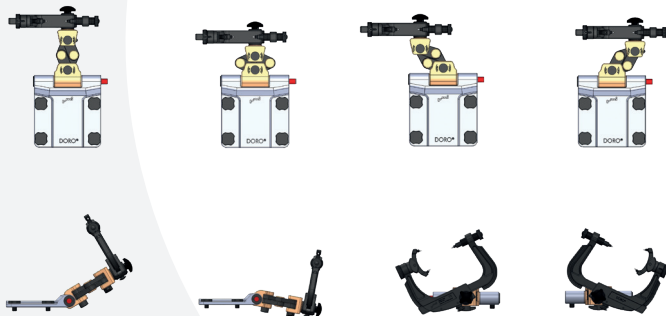
DORO LUCENT® HEADPLATE INCLUDED



The DORO LUCENT® Headplate optimizes the clinical workflow of the DORO LUCENT® iMRI Headrest Systems as it grants the clinical staff the opportunity to position the patient as required for surgery before starting the actual pinning procedure, rendering later on shifts of the sedated patient obsolete. This is less procedural risk, less stress for the patient and more convenience for the surgeon and the OR team.

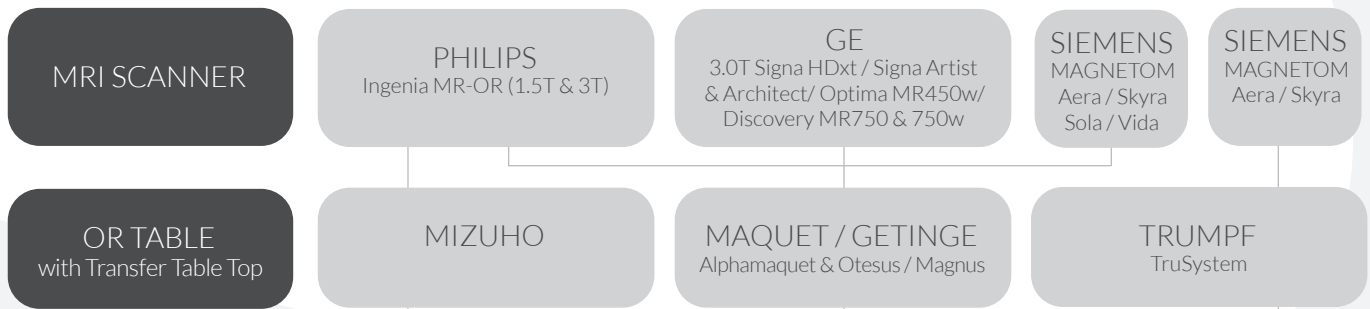
MOVEMENT CAPABILITIES

DORO LUCENT® Parallelogram Adaptors allow you to shift, tilt, angle and rotate the skull clamp to always find a fitting position for your patient.



DORO LUCENT® iMRI HEADREST SYSTEMS

- MRI SCANNER / OR TABLE COMBINATION OVERVIEW -



DORO LUCENT®
iMRI Headrest System MIZUHO
Item no. 4003.350

| Included Items | Item no. |
|---|----------|
| DORO® Skull Clamp Radiolucent for DORO LUCENT® Parallelogram Adaptor | 4003.001 |
| DORO® Headplate | 4003.005 |
| DORO® Adjusting Wrench for DORO LUCENT® Parallelogram Adaptor | 4003.011 |
| DORO LUCENT® Storage Case for Parallelogram Adaptors | 4003.030 |
| DORO LUCENT® iMRI Parallelogram Adaptor MAQUET | 4003.311 |
| DORO LUCENT® Disposable Skull Pins, Adult (3 pcs) | 1106.003 |

DORO LUCENT®
iMRI Headrest System MAQUET
Item no. 4003.300

| Included Items | Item no. |
|---|----------|
| DORO® Skull Clamp Radiolucent for DORO LUCENT® Parallelogram Adaptor | 4003.001 |
| DORO® Headplate | 4003.005 |
| DORO® Adjusting Wrench for DORO LUCENT® Parallelogram Adaptor | 4003.011 |
| DORO LUCENT® Storage Case for Parallelogram Adaptors | 4003.030 |
| DORO LUCENT® iMRI Parallelogram Adaptor MAQUET | 4003.311 |
| DORO LUCENT® iMRI Transfer Collision Indicator | 4003.XXX |
| DORO LUCENT® Disposable Skull Pins, Adult (3 pcs) | 1106.003 |

DORO LUCENT®
iMRI Headrest System TRUMPF
Item no. 4003.200

| Included Items | Item no. |
|---|----------|
| DORO® Skull Clamp Radiolucent for DORO LUCENT® Parallelogram Adaptor | 4003.001 |
| DORO® Headplate | 4003.005 |
| DORO® Adjusting Wrench for DORO LUCENT® Parallelogram Adaptor | 4003.011 |
| DORO LUCENT® Storage Case for Parallelogram Adaptors | 4003.030 |
| DORO LUCENT® iMRI Parallelogram Adaptor TRUMPF | 4003.211 |
| DORO LUCENT® iMRI Pad TRUMPF | 4003.212 |
| DORO LUCENT® iMRI Transfer Collision Indicator | 4003.XXX |
| DORO LUCENT® Disposable Skull Pins, Adult (3 pcs) | 1106.003 |
| DORO® Torx Screwdriver T45, nonmagnetic | 3033-68 |

A fitting iMRI Transfer Collision Indicator must be purchased from Phillips.

PLEASE NOTE:

With the first installation of a **DORO LUCENT®** iMRI Headrest System, an expert training is mandatory. Please contact your local **DORO®** representative for details.

