

DORO LUCENT® iMRI HEADREST SYSTEMS

☒ MRI ☐ CT ☐ ANGIO

Solutions for Fixed MRIs

DORO LUCENT® iMRI Headrest Systems for rigidly installed MRIs are mounted to the OR table's transfer board by utilizing the DORO LUCENT® iMRI Parallelogram Adaptor, giving you the freedom you need to properly position patients for surgery. These systems are available for a variety of OR table and MRI scanner combinations. Please refer to the adjacent chart to find a product that fits your OR environment.

FAMILIAR

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

HIGH-END IMAGING DORO LUCENT®

Disposable Skull Pins are perfectly stable and reduce imaging artifacts to a minimum (page 16).

FAST

Directly mountable to transfer boards of selected OR table manufacturers.

FLEXIBLE

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



DORO LUCENT® iMRI Headrest System
MAQUET
Item no. 4003.300

MRI SCANNER

PHILIPS
Ingenia MR-OR (1.5T & 3T)

GE
3.0T Signa HDxt / Signa Artist
& Architect/ Optima MR450w/
Discovery MR750 & 750w

SIEMENS
MAGNETOM
Aera / Skyra
Sola / Vida

SIEMENS
MAGNETOM
Aera / Skyra

OR TABLE
with Transfer Table Top

MIZUHO

GETINGE (MAQUET)
Alphamaquet & Otesus / Magnus
Tabletops 1150.13, 1180.13

Baxter (Trumpf/Hill-Rom)
TruSystem



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

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 (page 32). Please contact your local **DORO®** representative for details.



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

PLEASE NOTE:

Please contact your **DORO®** Partner in case you are planning to combine one of the above mentioned **SIEMENS** MRI scanners with the **MAQUET** Transfer Board 1180.71CO.

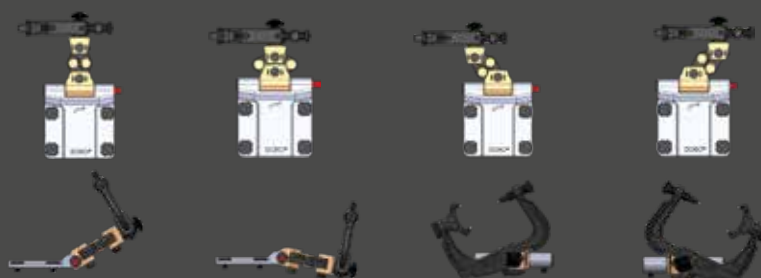


DORO LUCENT®
iMRI Headrest System TRUMPF
Item no. 4003.200

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

MOVEMENT CAPABILITIES

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



DORO LUCENT® iMRI HEADREST SYSTEMS

☒ MRI ☐ CT ☐ ANGIO

Solution for Moving MRIs

The DDORO LUCENT® iMRI Cranial Stabilization Set IMRIS is a lightweight and intuitive intraoperative solution designed for the IMRIS Invision™ Surgical Theatre, featuring a ceiling-mounted, movable MRI. It can be quickly and easily mounted using the DORO LUCENT® iMRI Interface Adaptor. The interface to the IMRIS coil can be continuously adjusted, allowing for precise positioning.

CONVENIENT HANDLING

Proven three-point Skull Clamp and significantly more lightweight than comparable products

PLAY-FREE OPEN/LOCK

Enhanced precision for neuro-navigation

UNIQUE QUICK-RAIL®

Intuitive mounting of retractor systems or other accessories

IMPROVED FLEXIBILITY

Slim and thoughtful design allows for easy and collision-free accessibility

OPTIMIZED FOR IMRI

Continuous adjustability for precise adjustment of coil position

Minimized amount of titanium results in less artifact.



MRI SCANNER

SIEMENS
MAGNETOM
Espree / Aera
Verio / Skyra / Vida

OR TABLE

Baxter (Trumpf/Hill-Rom)
ORT 100 / 200 / 300 / 400



DORO LUCENT®
Cranial Stabilization Set IMRIS
Item no. 4003.600

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 Interface Adaptor IMRIS	4003.611
DORO LUCENT® iMRI Coil Connector IMRIS	4003.631



AUTOMATIC IMAGE REGISTRATION 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 has been designed exclusively for DORO LUCENT® iMRI & iXI Headrest Systems and therefore seamlessly integrates in the standard patient positioning workflow.