

# 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.



















## OORO LUCENT® IMRI HEADREST SYSTEMS

### - MRI SCANNER / OR TABI F COMBINATION OVERVIEW -

**MRI SCANNER** 

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

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

SIEMENS MAGNETOM Aera / Skyra

Sola / Vida

SIEMENS MAGNETOM Aera / Skyra

OR TABLE

MIZUHO

MAQUET/GETINGE Alphamaquet & Otesus / Magnus

1106.003

TRUMPF TruSystem

DORO	1110	^FN	JT®
DONO	LU	CLI,	4.1

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

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

#### **DORO LUCENT®**

iMRI Headrest System MAQUET Item no 4003 300

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)

#### **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	1106.003

#### PLEASE NOTE:

DORO LUCENT®

(3 pcs)

Disposable Skull Pins, Adult

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



DORO LUCENT® Headplate Item no. 4003.005



1106.003

DORO LUCENT® Disposable Skull Pin Item no. 1106.003



DORO® Adjusting Wrench for Parallelogram Adaptor Item no. 4003.011



(3 pcs)

**DORO®** Torx Screwdriver

T45, nonmagnetic

DORO LUCENT® IMRI Transfer Collision Indicator Item no. 4003.XXX



3033-68

DORO LUCENT® Storage Case for Parallelogram Adaptors Item no. 4003.030



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