



BLACK  
FOREST  
MEDICAL  
GROUP

# DORO LUCENT® IXI HEADREST SYSTEM





# Pushing the Limits

Multimodality imaging is without doubt one major trend in OR suites. It has always been our claim to spearhead into new segments of our niche and we will do so now as well. Having experienced the complexity of these multimodality imaging environments and surgical approaches we truly believe that offering a technically advanced yet easy to use product will help you and the OR team to apply your known routines and workflows.

## ONE SOLUTION – MULTIPLE POSSIBILITIES

Apply different types of imaging modalities seamlessly during one single surgery without having to change the cranial stabilization system. With the **DORO LUCENT® iXI** Headrest System, you can benefit from all the advantages of Angio, CT and MRI imaging within the same surgical procedure. This Headrest System has been exclusively designed for the combination of a Maquet OR table with Siemens nexaris.



Angiography

To examine small vascular structures such as arteries and veins, Angiography is the best imaging method. For instance, blood vessel problems such as blockages can be identified. This method also makes needle guidance and catheter placement easier by visualizing it. 3-D imaging and image fusion enhances the application. Angiography is often utilized in the context of Fluoroscopy and Digital Subtraction Angiography (DSA).



Computed Tomography

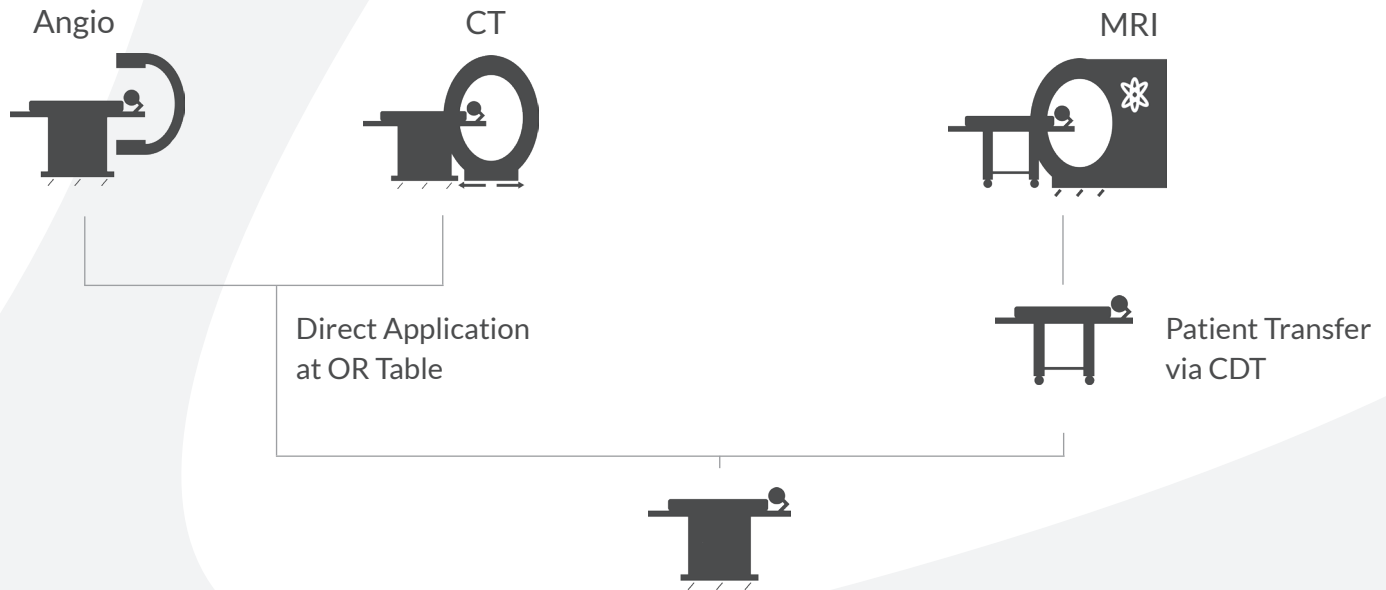
To gain quickly a very precise, 3-D view of certain parts, Computed Tomography (CT) can be used. Especially, in time-crucial situations such as an emergency or when treating older or anxious patients, CT is the best solution. It is also often applied to diagnose cancer determining the exact location and size of a tumor. The method can be further utilized for skeletal, high- and low-contrast as well as perfusion imaging.



Magnetic Resonance Imaging

To get detailed images of organs and tissues, Magnetic Resonance Imaging (MRI) is the best solution. Without blight ionizing radiation, this technology effectively makes the difference between normal and diseased tissues visible. MRI is particularly applied when soft-tissue, perfusion or diffusion-weighted images are needed helping to assess blood vessels.

Whatever your ideal combination of intra-operative imaging modalities looks like, the **DORO LUCENT®** iXI Headrest System will support it.



# DORO LUCENT® iXI Headrest System

Item no. 4003.500



## EASY

Fast to mount, intuitive to handle. The **DORO LUCENT®** iXI Headrest System will let you focus on what you do best: State-of-the-art medicine.

## FLEXIBLE

Its flat and unobtrusive design supports imaging procedures at the OR Table as well as patient transfer to MRI systems.

## SAFE

The known skull clamp design with ratcheting system will allow you to rely on your trained routine and known workflows.

# WHAT YOU WILL EXPERIENCE



## INCREASED DIAGNOSTIC CAPABILITIES

The **DORO LUCENT®** iXI Headrest System supports intra-operative MR & CT as well as Angio imaging. This enables you to run diagnostics on bone and tissue within the same surgery, allowing a faster and more precise treatment.



## SAVING OF TIME

Being able to apply multiple imaging modalities within the same surgery will save you time. Especially when seamlessly combining different imaging modalities like instantly fusing Angio and CT images or transferring the patient to the MRI for an intra-op scan.



## PATIENT FRIENDLY

Once the patient is positioned as required for surgery further movements of the sedated patient become unnecessary, resulting in reduced procedural risk, less stress for the patient and more convenience for the surgeon and his OR team.

# COMES WITH DORO LUCENT® HEADPLATE

The **DORO LUCENT®** Headplate optimizes the clinical workflow as the clinical staff can now position the patient as required for surgery before starting the actual pinning procedure. This renders further movements of the sedated patient unnecessary, resulting in reduced procedural risk, less stress for the patient and more convenience for the surgeon and his OR team.



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



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