X-ray use

in combination with Maquet Magnus Carbon Fiber Table Tops

This document is intended to provide information to an international audience outside of the US.

GETINGE

Improving care across disciplines

– with Getinge Hybrid OR solutions

With more than 1,000 installations worldwide, Getinge has become an expert in the field of Hybrid OR.

Getinge Hybrid OR specialists provide valuable assistance in creating an efficient, future-proof, multidisciplinary Hybrid Suite according to your needs.

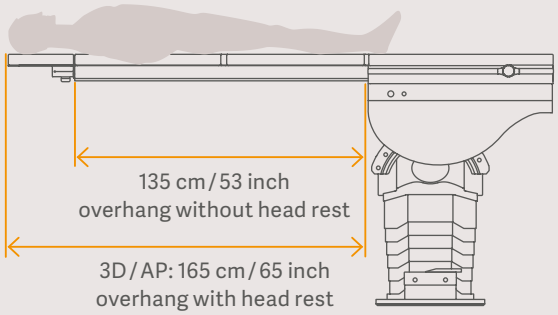
At the heart of the Getinge Hybrid Surgical Suite is our Maquet Magnus Operating Table System that features a choice of interchangeable carbon fiber and universal table tops. These table tops can quickly be configured to accommodate a wide range of image guided, interventional and traditional surgical procedures and complex surgical positions.

As one of the world's largest medical technology companies, Getinge has the knowledge, resources and experience to help you focus on what's most important: your patients.

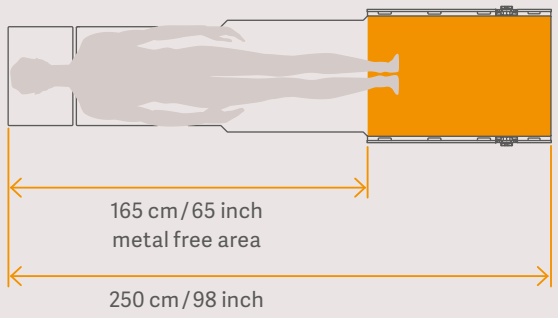
X-RAY USE IN COMBINATION WITH MAQUET MAGNUS CARBON FIBER TABLE TOPS

Maquet Magnus Carbon Fiber Table Tops

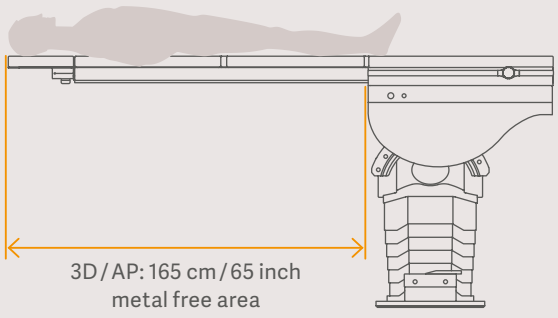
Type Maquet Magnus 1180.16A0/F0



Longitudinal shift 60 cm / 24 inch



X-ray coverage with head rest



Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Cardiac stents
- EVAR – Endovascular aneurysm repair
- Peripheral stenting (limited by imaging window / length)
- Neurovascular interventions: aneurysm coiling, clipping and stenting

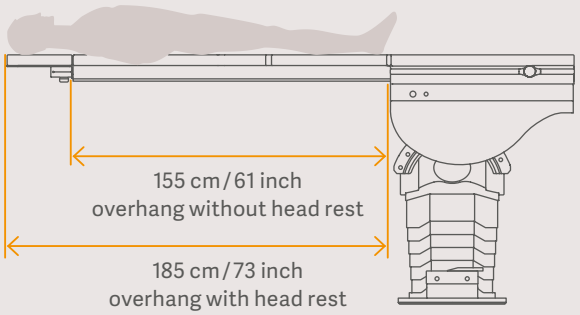
Please note:

- Patient weight capacity: 250 kg / 555 lbs (in max. shift)
- Due to physics, any head interface and upper edge of the table top will cause a shadow in the picture

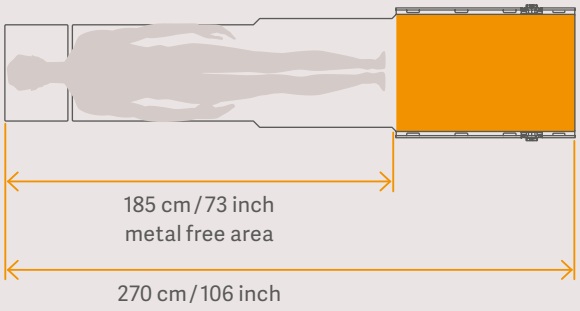
Angiography systems:

Suitable for	Yes	No
Philips	•	
Canon Medical Systems	•	
Siemens Healthineers		•
GE Healthcare		•

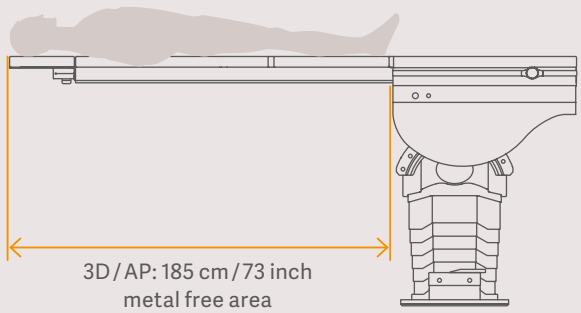
Type Maquet Magnus 1180.16A1/F1



Longitudinal shift 60 cm / 24 inch



X-ray coverage with head rest



Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Cardiac stents
- EVAR – Endovascular aneurysm repair
- Peripheral stenting (limited by imaging window / length)
- Neurovascular interventions: aneurysm coiling, clipping and stenting

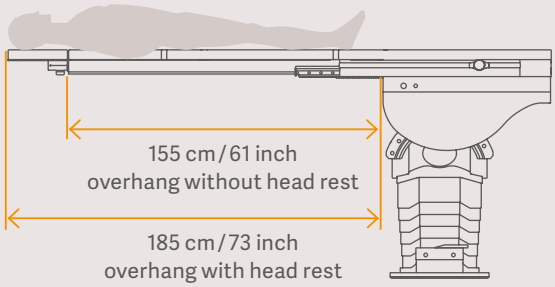
Please note:

- Patient weight capacity: 180 kg / 400 lbs (in max. shift)
- Due to physics, any head interface and upper edge of the table top will cause a shadow in the picture
- Measurements with angiography systems from Siemens Healthineers may differ from systems of other imaging partners

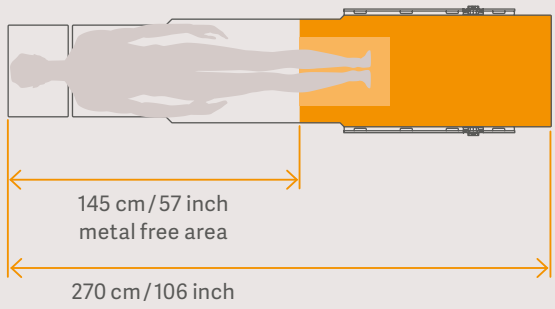
Angiography systems:

Suitable for	Yes	No
Philips	•	
Canon Medical Systems	•	
Siemens Healthineers	•	
GE Healthcare		•

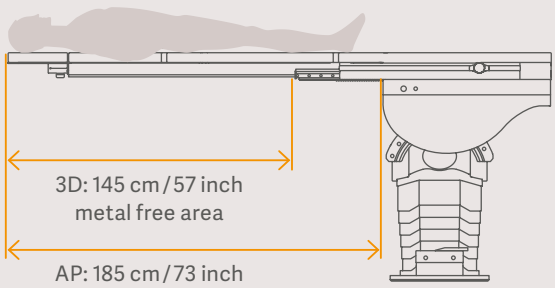
Type Maquet Magnus 1180.16A2/F2



Longitudinal shift 100 cm / 39 inch



X-ray coverage with head rest



Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Cardiac stents
- EVAR – Endovascular aneurysm repair
- Peripheral stenting (limited by imaging window / length)
- Neurovascular interventions: aneurysm coiling, clipping and stenting

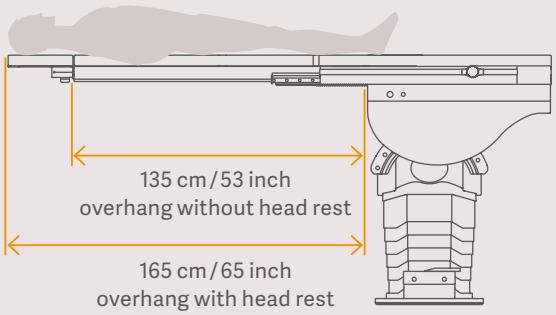
Please note:

- Patient weight capacity: 180 kg / 400 lbs (in max. shift)
- Due to physics, any head interface and upper edge of the table top will cause a shadow in the picture

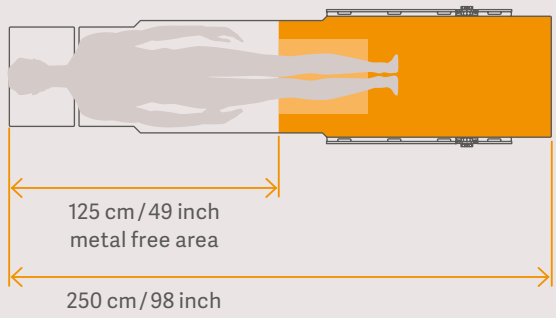
Angiography systems:

Suitable for	Yes	No
Philips	•	
Canon Medical Systems	•	
Siemens Healthineers		•
GE Healthcare	•	

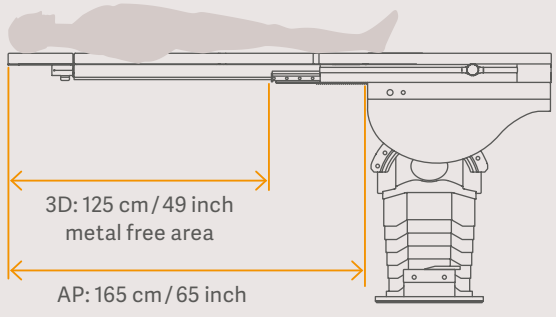
Type Maquet Magnus 1180.16A3/F3



Longitudinal shift 100 cm / 39 inch



X-ray coverage with head rest



Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Cardiac stents
- EVAR – Endovascular aneurysm repair
- Peripheral stenting (limited by imaging window / length)
- Neurovascular interventions: aneurysm coiling, clipping and stenting

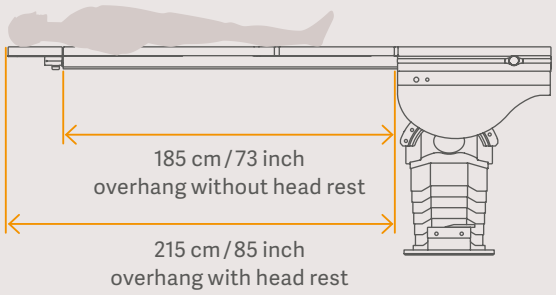
Please note:

- Patient weight capacity: 250 kg / 555 lbs (in max. shift)
- Due to physics, any head interface and upper edge of the table top will cause a shadow in the picture

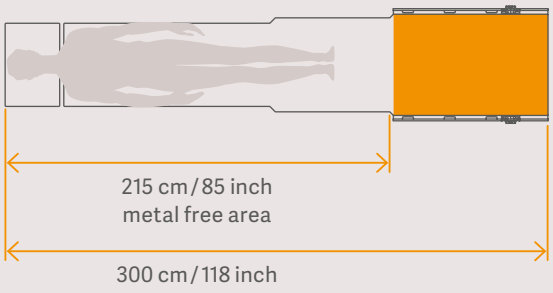
Angiography systems:

Suitable for	Yes	No
Philips	•	
Canon Medical Systems	•	
Siemens Healthineers		•
GE Healthcare		•

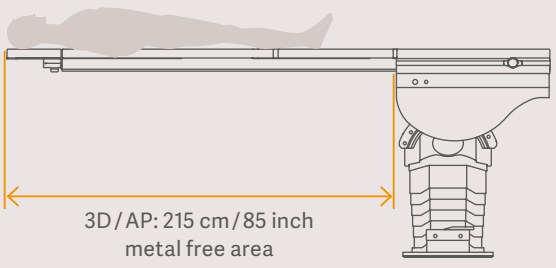
Type Maquet Magnus 1180.16A4/F4



Longitudinal shift 60 cm / 24 inch



X-ray coverage with head rest



Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Cardiac stents
- EVAR – Endovascular aneurysm repair
- Peripheral stenting
- Neurovascular interventions: aneurysm coiling, clipping and stenting

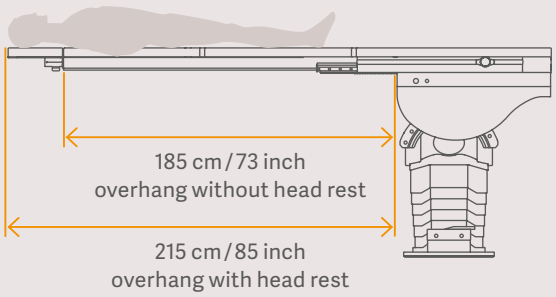
Please note:

- Patient weight capacity: 150 kg / 333 lbs (in max. shift)
- Due to physics, any head interface and upper edge of the table top will cause a shadow in the picture

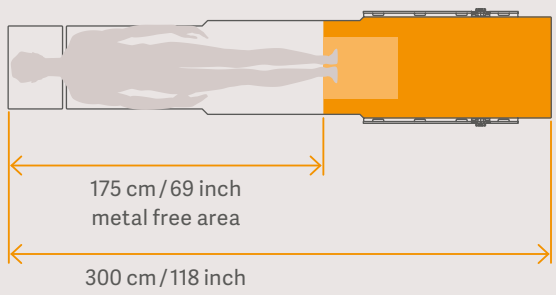
Angiography systems:

Suitable for	Yes	No
Philips	•	
Canon Medical Systems	•	
Siemens Healthineers		•
GE Healthcare		•

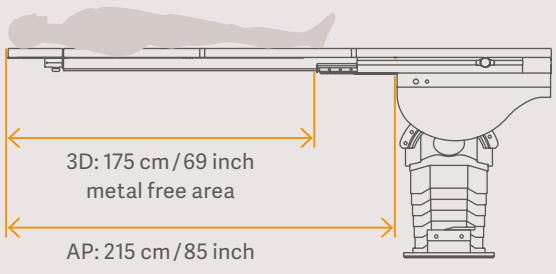
Type Maquet Magnus 1180.16A5/F5



Longitudinal shift 100 cm / 39 inch



X-ray coverage with head rest



Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Cardiac stents
- EVAR – Endovascular aneurysm repair
- Peripheral stenting
- Neurovascular interventions: aneurysm coiling, clipping and stenting

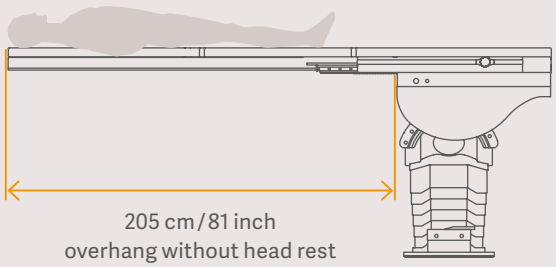
Please note:

- Patient weight capacity: 150 kg / 333 lbs (in max. shift)
- Due to physics, any head interface and upper edge of the table top will cause a shadow in the picture

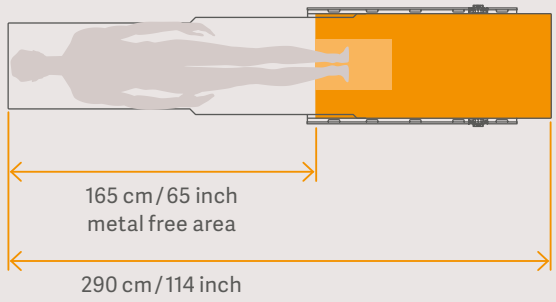
Angiography systems:

Suitable for	Yes	No
Philips	●	
Canon Medical Systems	●	
Siemens Healthineers		●
GE Healthcare		●

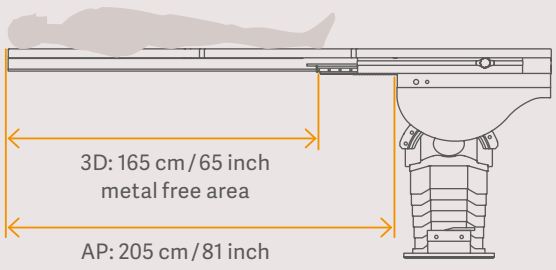
Type Maquet Magnus 1180.16A6/F6



Longitudinal shift 100 cm / 39 inch



X-ray coverage



Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Cardiac stents
- Vascular interventions
- EVAR – Endovascular aneurysm repair
- Peripheral stenting
- Neurovascular interventions: aneurysm coiling, clipping and stenting

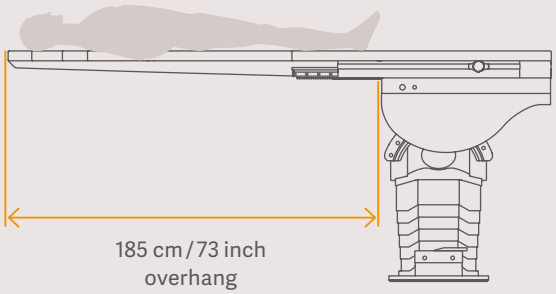
Please note:

- Measurements with angiography systems from Siemens Healthineers may differ from systems of other imaging partners
- Patient weight capacity: 160 kg / 355 lbs (in max. shift)
- No head rest interface. The long carbon fibre table top allows for homogeneous x-ray imaging, e. g. for vascular procedures.

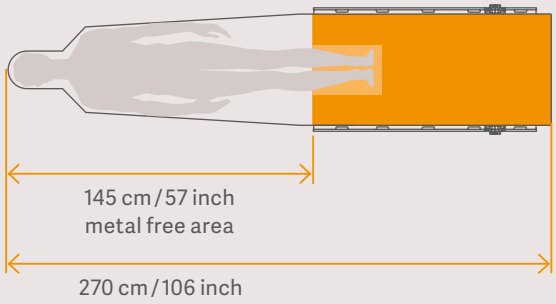
Angiography systems:

Suitable for	Yes	No
Philips		•
Canon Medical Systems	•	
Siemens Healthineers	•	
GE Healthcare		•

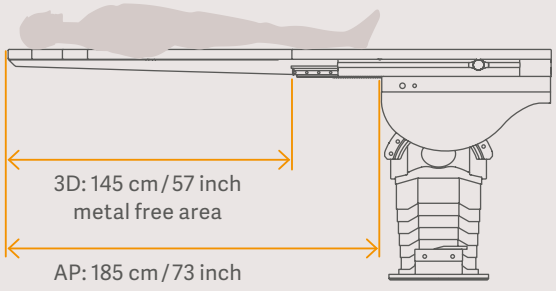
Type Maquet Magnus 1180.16A7



Longitudinal shift 100 cm / 39 inch



X-ray coverage



Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Cardiac stents
- EVAR – Endovascular aneurysm repair
- Peripheral stenting (limited by imaging window / length)
- Neurovascular interventions: aneurysm coiling, clipping and stenting

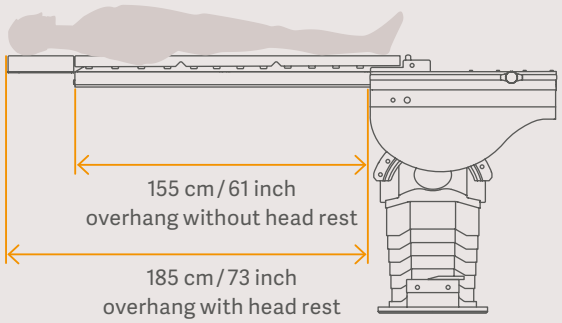
Please note:

- Patient weight capacity: 180 kg / 400 lbs (in max. shift)
- In a biplane installation, the C-arm may have insufficient reach to image the groin area of taller patients
- No head rest interface. The upper part of the carbon fibre table top is shaped like a head rest and can be used for cardiac procedures.

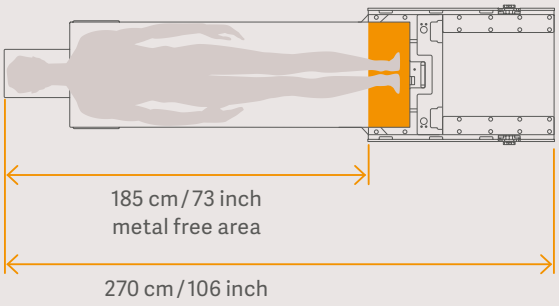
Angiography systems:

Suitable for	Yes	No
Philips	•	
Canon Medical Systems	•	
Siemens Healthineers		•
GE Healthcare		•

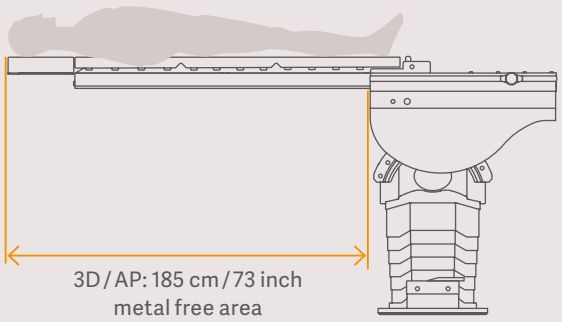
Multi-modality transfer table top Maquet Magnus 1180.12A0/F0



Longitudinal shift 60 cm / 24 inch



X-ray coverage with head rest



Features:

- Lifting- and repositioning-free patient transfer system
- Combining MRI, CT and angiography system with surgical workplace

Examples for medical procedures / interventions:

- TAA – Thoracic aortic aneurysm repair
- TAVI – Transcatheter aortic valve implantation
- MIDCAB – Minimally invasive direct coronary artery bypass
- Vascular interventions
- EVAR – Endovascular aneurysm repair
- Peripheral stenting
- Neurovascular interventions
- Neurosurgical procedures with and without navigation

Please note:

- The transfer board can be used in combination with Maquet Magnus 1180.13A0
- Patient weight capacity: 180 kg / 400 lbs (in max. shift)
- Compatible with Angio and CT
- The integrated transfer board can be used with Maquet Transmobil TT-M and CDT from Siemens Healthineers

Suitable for	Yes	No
Philips		●
Canon Medical Systems		●
Siemens Healthineers *	●	
GE Healthcare		●

* Further transfer board solutions with other imaging partners on request.

Procedures with combined imaging modalities involved*:

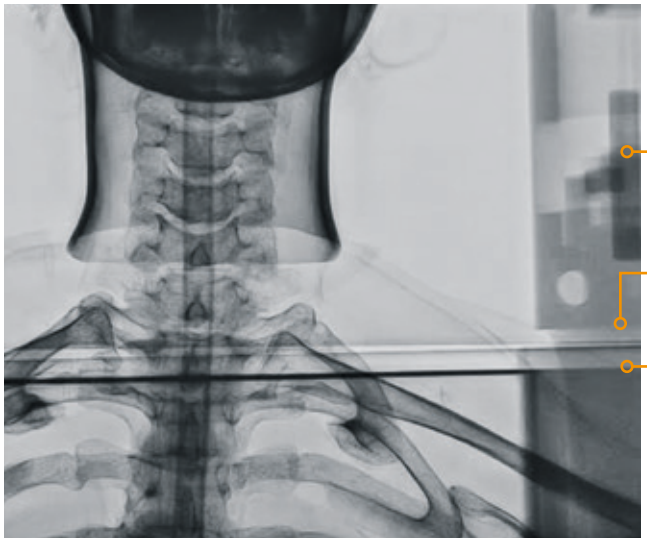
Clinical application	Modalities involved		
	Angio**	CT**	MR
Complex liver ablation	●	●	
Complex TACE	●	●	
Pediatric structural heart repair	●		●
Brain aneurysm	●		●
Brain tumor embolization	●		●
MR-guided EP			●
Stroke clot removal	●		●
Major trauma	●	●	
Spinal column tumor ablation and vertebra fusion	●	●	●

* Further applications and solutions for Hybrid multi-modality suites with our imaging partners available on request.
** X-ray coverage of integrated biplane systems and CT may differ from the measurements shown in this document. Please ask your imaging system provider for more details.

X-ray tests with Maquet Magnus Carbon Fiber Table Top 1180.16

Head rest

1002.82A0



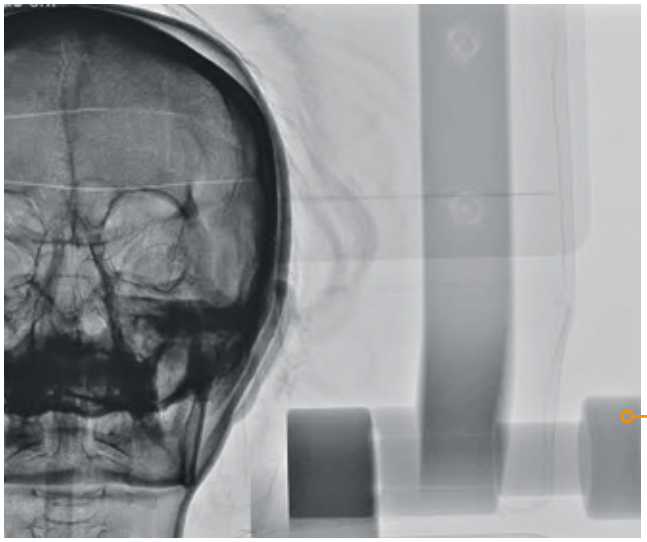
Horseshoe head rest

1002.03A0

Note: Region of interest should not be positionied in the area of connectivities or fixactions as these produce shadows. Shadows can also be caused by drapes or due to rotation, e. g. around horse shoe head rest.

Adjustable head rest

1002.83A0



Framework and rotation mechanism of the adjustable head rest

Skull clamp

1005.48B0/1005.49B0

Skull clamp

Framework and rotation mechanism of the skull clamp holder

Note: Region of interest should not be positionied in the area of connectivities or fixactions as these produce shadows. Shadows can also be caused by drapes or due to rotation, e. g. around horse shoe head rest.

GETINGE

Getinge is a global provider of innovative solutions for operating rooms, intensive care units, sterilization departments and for life science companies and institutions. Based on our firsthand experience and close partnerships with clinical experts, healthcare professionals and medtech specialists, we are improving the everyday life for people – today and tomorrow.

This document is intended to provide information to an international audience outside of the US.

Maquet GmbH · Kehler Str. 31 · 76437 Rastatt · Germany · +49 7222 932-0 · info.sales@getinge.com

www.getinge.com