

MRI-G SOLUTION FOR HEAD & NECK RAYCAST® HIGH PRECISION

Article No. : 29111-G

A. GENERAL PRODUCT INFORMATION

This product is a medical device used for positioning and immobilizing patients (head & neck) in radiation therapy. This high density plate is used to scan a patient on a GE MRI Scanner.

This product may only be used in combination with immobilisation masks produced by Orfit. Orfit prohibits the use of unauthorised third-party products in conjunction with its own products.

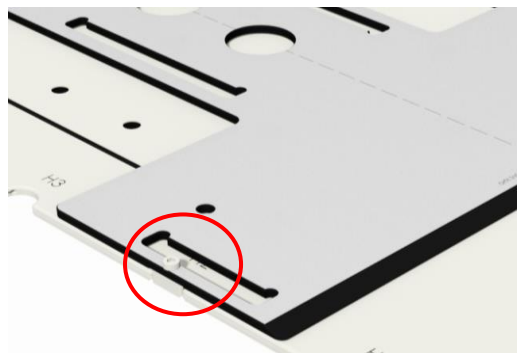
B. PARTS LIST

ART. NO.	DESCRIPTION
29111-G	BASE PLATE IN HPL, consisting of:
29111	1x Base Plate for MRI scanner
32110/8	2x EVA Block Set 13 mm - small
32110/9	1x EVA Block Set 13 mm – medium
32195	1x fixation device for GE couch
32166	1x 2-pin bar
32704	1x set of 6 LD head supports

The range of Efficast® and Nanor® thermoplastic masks should be used on this base plate to immobilize patients. Instructions on how to make these masks can be found in the respective 'instructions for use' and on www.orfit.com.

C. SET-UP OF THE PRODUCTS

Always place the base plate on a flat surface. Use the 2-pin bar (32166) and the fixation blocks (32195) to attach the base plate to the MRI couch. The 2-pin bar is attached at the cranial end of the base plate. The fixation blocks are screwed into the base plate next to the shoulder slots as illustrated by the red circle on the image. Use one block on each side of the base plate.



A patient set-up form is available on the Orfit website:
<https://www.orfit.com/app/uploads/Head-and-Neck.pdf>

Combine this base plate with the Orfit Low Density Head Supports.



Use the recommended coil set-up by GE.

D. PRECAUTIONS FOR USE

- When matching the CT image with the MRI image beware of discrepancies between the two images due to different positioning of the patient.
- Always attach the base plate to the table as described above.
- Always include the thermoplastic mask and the mask profiles in the Field-Of-View to avoid fold over artefacts.
- Beware of fold over artefacts from items that are placed outside of the Field-Of-View.
- Scan the device before the first clinical use to ensure that there are no artefacts.

E. STORAGE

Always store the product in a safe place to prevent it from getting damaged or falling onto other objects. Prevent hard objects from falling onto the plate. Store the base plate between +10°C (50°F) and 40°C (122°F) in a place that is not humid.

F. PHYSICAL PROPERTIES

This plate is made of a high pressure wood laminate.

Dimensions: L 530 mm x W 540 mm x H 11 mm

Weight: 2.1 kg

The fixation blocks (32195) are made from Nylon
The 2-pin bar (32166) is made from fibre glass, Nylon, EPDM and PVDF.

This product is made entirely of electrically non-conductive, non-metallic and non-magnetic materials and is MRI safe.



G. MAINTENANCE AND WASTE MANAGEMENT

This product can be cleaned and disinfected by means of soapy water or an isopropanol based disinfectant, applied with a soft

cloth. If unsure about the cleaning fluid, do not use. **Never use aerosol sprays, corrosive cleaning agents, solvents or abrasive detergents.**

Periodic checks of the product should be done to insure the parts are not worn and require repair or replacement. **Do not attempt to make repairs yourself.** Contact your distributor if there are any questions or concerns.

The product can be disposed of with household waste.

H. ADDITIONAL INFORMATION

For additional information such as distributor contact information, product brochures, Safety Data Sheets and regulatory information, please visit our website www.orfit.com.

Note:

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ORFIT INDUSTRIES
Vosveld 9A | B-2110 Wijnegem | Belgium
T (+32) (0)3 326 20 26
welcome@orfit.com

www.orfit.com



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