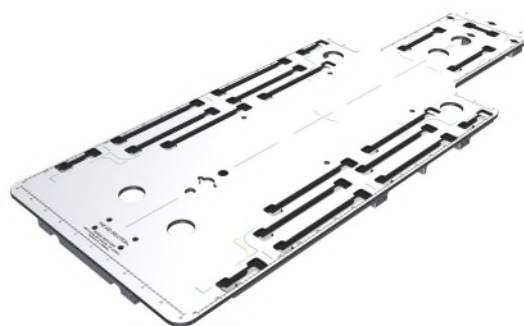# THE AIO SOLUTION®
PAEDIATRIC BASE PLATE IN
HIGH PRESSURE LAMINATE

AIO SOLUTION® code: **P-HD-PED**
Article No. : **32204-PED**

A. GENERAL PRODUCT INFORMATION

This product is a medical device used for patient positioning and immobilisation of several anatomical regions in radiation therapy. This high density base plate can only be used during simulation, including MRI simulation.

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. PRODUCT DESCRIPTION

This high pressure laminate BASE PLATE, used for the simulation process of both children and adults, is the basic element of "THE TOTAL AIO SOLUTION® SIMULATION PACKAGE". It is used in combination with THE AIO SOLUTION® CUSHIONS, the HIGH PRECISION HEAD SUPPORTS, BLOCKS & WEDGES, and the EFFICAST® PRE-CUTS to form a reproducible patient positioning and immobilisation device in the field of radiotherapy. Information on these other parts and instructions on how to make the masks can be found in the respective 'instructions for use' and on www.orfit.com.

C. PRECAUTIONS FOR USE

This is a fragile product, please handle with care.

Always place the base plate on a flat surface.
Always fix the base plate securely to the treatment couch before positioning a patient. More information on how to fix this base plate to a couch top can be found on our website http://www.orfit.com/en/fixation-devices/.

If the baseplate is used in overhang over the couch a Table Fix (art. no. 35744/6) or iBeam couch fixation (art. no. 32813) needs to be used at the caudal end to secure the baseplate to the couch top. This prevents the baseplate from falling off the table when the patient moves.

When handled roughly, it may get damaged and splinters may come off. When this happens, stop using the base plate to prevent splinters from getting in contact with the patient's or user's skin. Contact your distributor.

A patient set-up form for each treatment area is available on the Orfit website.

D. 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).

E. PROPERTIES

E.1 Physical Properties

Dimensions: L 1350 mm x W 544 mm x H 30 mm
Weight : 9 kg

E.2. Dosimetric Properties

The attenuation factor (± 0,15 %) for the Base Plate is as follows:

6 MV	4.9%
15 MV	4.0%
Skin build-up	17 mm H_2O equiv.

Note: Use these numbers as a guidance only. Perform the measurements again in your department to verify these results.

E.2. Material Properties

This base plate is made of High Pressure Laminate (HPL) with a PVC support structure.

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

MR

F.   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.

G.   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.

CE

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

www.orfit.com

Ref. No. 31956
VERSION 6
LAST UPDATE: 21/03/2023
REVISION DATE: 21/03/2025