

# HIGH PRECISION ACCESSORIES

## HEAD SUPPORTS – LOW DENSITY

### HEAD SUPPORT – LD DERIVED TYPE

Model 8  
with lateral neck flaps  
very small paediatric head support  
for age 0 to 5  
(80% of model 3)



Article No. : **35753-80**

#### A. GENERAL PRODUCT INFORMATION

The products referred to in these instructions are medical devices, used for patient positioning and immobilisation in radiation therapy.

To attain an optimal result, it is recommended to use this product in combination with Orfit immobilisation products.

#### B. PRODUCT DESCRIPTION

The HP HEAD SUPPORTS - LOW DENSITY are used in combination with HP base plates, EFFICAST® PRE-CUTS, cushions and other hardware from the HIGH PRECISION and the AIO SOLUTION® sets. Together with the parts of these sets they form a reproducible patient positioning and immobilisation system. The head supports offer the opportunity to position the patient's head in a stable, reproducible way. Information on these other parts can be found in the respective 'instructions for use' and on [www.orfit.com](http://www.orfit.com).

#### C. PRECAUTIONS FOR USE

Always use these devices in combination with HP or AIO base plates.

The head supports can be positioned on the base plates or blocks & wedges by means of positioning knobs on the bottom of the head support. Always verify that the devices are positioned correctly on other cushions and parts.

#### D. STORAGE

Always store the product in a safe place to prevent them from getting damaged. Do not put heavy objects on the devices and prevent hard objects from falling onto it, because these will cause permanent damage. Store the devices between +10°C (50°F) and 40°C (122°F).

#### E. PROPERTIES

##### E.1. Physical Properties

The following physical properties apply to these devices:

Dimensions: L 206 mm W 96 mm H 74 mm  
Weight: 0,05 kg

##### E.2. Mechanical Properties

The LD head supports are made of PE foam, covered with a PU coating and have a good dimensional stability.

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



##### E.3. Dosimetric Properties

These head supports are made of low density foam and this foam has the following dosimetric properties per cm of foam that is irradiated:

Attenuation at 6 MV: 0.48%  
Attenuation at 15 MV: 0.25%

Skin build up: 1 mm H<sub>2</sub>O equivalents

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

#### F. MAINTENANCE AND WASTE MANAGEMENT

These products can be cleaned and disinfected by means of 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. Do not soak the cushion.** Further cleaning instructions can be found in the [Orfit Cleaning Guidelines](#). 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 products 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](http://www.orfit.com).

#### Note:

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