

HP PRO[®] SOLUTION

A PROTON FRIENDLY IMMOBILIZATION DEVICE

www.orfit.com/proton

Orfit's HP PRO Solution achieves a new level in patient immobilization.

This immobilization device is designed for brain, head and neck treatments for both photon and proton therapy. It is the first immobilization device in the market that makes use of ultra-thin Nanor masks.

The Orfit HP PRO Solution has been designed to meet the specific standards proton therapy demands. It includes a homogeneous low density immobilization device with a narrow carbon fiber base plate in the head and neck area, allowing for closer range positions of the treatment device. The base plate is a lightweight structure with good dosimetric properties.

**Designed to meet
the specific standards
proton therapy
demands.**

HP PRO® ANTIBACTERIAL MASKS

Orfit provides thermoplastic head masks and head, neck and shoulder masks that are molded over the patient and securely and easily fastened to the base plate.

The thermoplastic masks contribute to maximal immobilization. Comfort and stability are guaranteed by the use of Orfit's Nanor thermoplastic material. Nanor is a thin thermoplastic material that makes use of nanotechnology to improve the mechanical properties of the thermoplastic material.

The masks are unique thanks to their patented locking mechanism.

The mask profile slides over a locking pin and then swivels towards the base plate until it clicks securely into the base plate. It is easily unlocked so that the mask can be removed quickly.



HP PRO® ANTIBACTERIAL MASKS



Art. N° 25100/16MI+N/NH
3-points head mask
Nanor 1.6 mm micro+



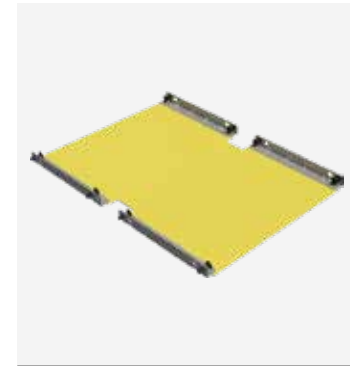
Art. N° 25100/16MI+N
3-points head mask
Nanor 1.6 mm micro+
with nose hole



Art. N° 25105/2MI+N/NH
5-points head, neck and shoulders mask
Nanor 2 mm micro+



Art. N° 25105/2MI+N
5-points head, neck and shoulders mask
Nanor 2 mm micro+
with nose hole



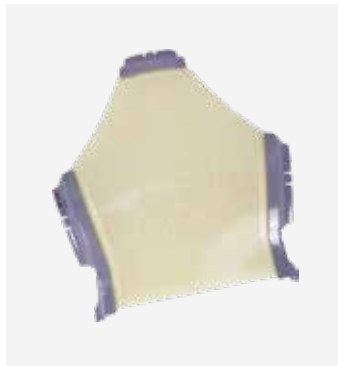
Art. N° 45204/32MA/EFF
HP PRO pelvic mask
Efficast 3.2 mm maxi
with push-pins



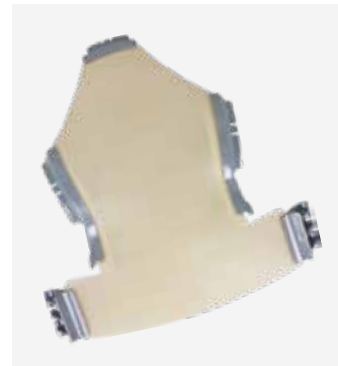
Art. N° 25101/16MI+N/NH
3-points pediatric head mask
Nanor 1.6 mm micro+



Art. N° 25101/16MI+N
3-points pediatric head mask
Nanor 1.6 mm micro+
with nose hole



Art. N° 25103/16MI+N/NH
3-points pediatric mask
Nanor 1.6 mm micro+
small size
without nose hole



Art. N° 25107/2MI+N/NH
5-points pediatric mask
Nanor 2.0 mm micro+
small size
without nose hole

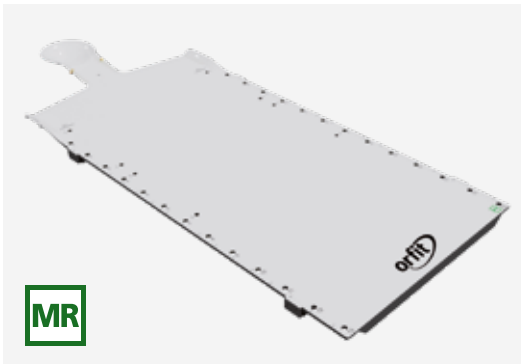
HP PRO® BASE PLATES



Art. N° 25000/1

Extension and overlay

Pin interface



Art. N° 25000/1/MR

Overlay base plate

MR compatible

ADULT BASE PLATES

Art. N°	Product description	Interface	Compatibility
25000/1	Extension and overlay	pin	
25000/22	Extension and overlay	pin	Mevion
25000/25	Extension extra long	pin	
25000/20	Extension Type 1	clamp	
25000/18	Overlay		
25000/26	Overlay		Elekta HexaPOD™ evo RT System
25000/1/MR	Overlay		MR compatible

PEDIATRIC BASE PLATES

Art. N°	Product description	Interface	Compatibility
25000/16	Extension for pediatric 8-16 years	pin	
25000/27	Extension for pediatric 0-7 years	pin	
25000/33	Overlay for pediatric 8-16 years		

HP PRO® HEAD SUPPORTS

MOLDCARE*



Art. N° 18090
Moldcare cushion
150 x 200 mm

FLEXIBLE SHIM



Art. N° 25070/10
Flexible shim - 1 mm
(Package of 10 pieces)

HEAD REST INDEXING PLATE



Art. N° 25000/7/20
Head rest indexing plate
(Package of 20 pieces)



Art. N° 25000/39/20
Head rest indexing plate pediatric
(Package of 20 pieces)

* Moldcare is a trademark from ALCARE

HP PRO® ACCESSOIRES

To ensure that the head of the patient is correctly positioned, and prior to the molding of the mask, a cranial back-stop is attached to the cup-like head rest part of the base plate.



Art. N° 25000/6
Cranial back-stop

A set of hand holds are available to comfortably position the hands, arms and shoulders of the patient.



Art. N° 25000/17/A
Art. N° 25000/17/B
Hand holds

