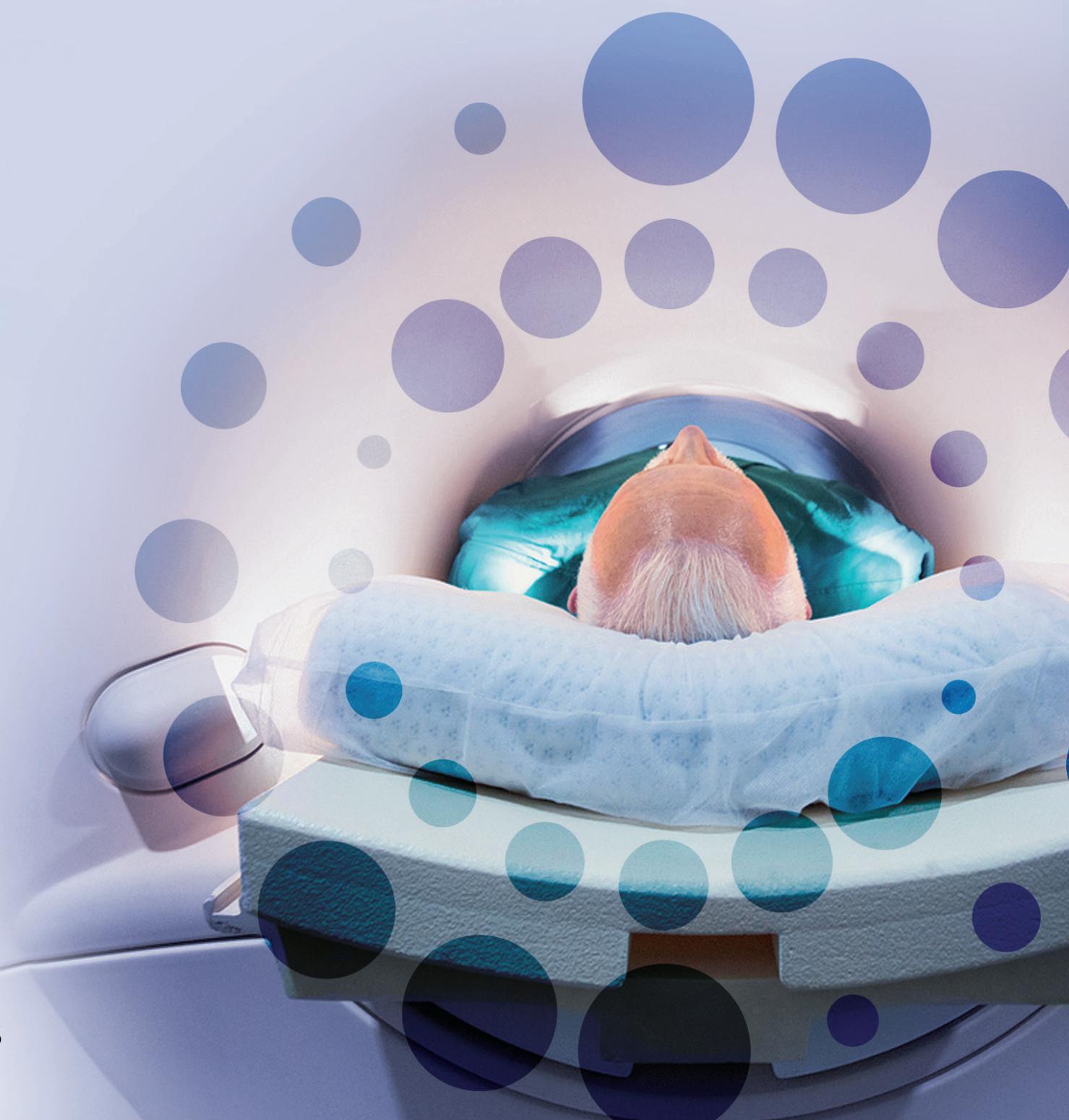




# CATALOGUE

SBRT & RADIOTHERAPY PRODUCTS





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# ABOUT ANATGE

AnatGe designs and produces medical devices for the field of oncology, more specifically in the field of SBRT and radiation oncology. Our products includes innovative immobilisation and positioning devices, customisable boluses, immobilisation cushions, thermoplastic masks, among others.

## Our objective

AnatGe's objective is to develop innovative and high-quality solutions that improve the precision, efficacy and efficiency of radiotherapy treatments, especially, SBRT and other hypofractionated radiation treatments.

## Our commitment

At AnatGe we are committed to:



**Research and Development:** this is one of the main pillars of our company which allows us to offer treatment products and protocols, contributing value to both professionals and patients.



**Patients and Professionals:** our development contributes to the reduction of treatment time and improves workflow, with the objective of improving clinical outcomes.



**Quality:** all our systems are designed to contribute significantly to the quality of treatment through the improvement of precision, efficacy and efficiency.

“ Reducing sessions,  
improving lives ”



# RESEARCH AND DEVELOPMENT



**“Clinical research and the ongoing development of innovative solutions are the key to our leadership”**

At AnatGe, our professionals and collaborators have extensive experience in radiation therapies, especially those that generate a high level of oxidative stress (SBRT or SRS) and where the requirements for precision and reproducibility are key.

Furthermore, we are in permanent contact with healthcare professionals, making it possible to carry out ongoing research and innovation, to quickly detect new needs and design products aligned with new trends.

Following this work dynamic, in the past few years we have developed innovative products such **eXaSkin**, **eXaCradle** or **eXaKid** and new simulation protocols for SBRT (Multidampening SBRT - MD-SBRT-), which involve significant advances in radiation therapy.

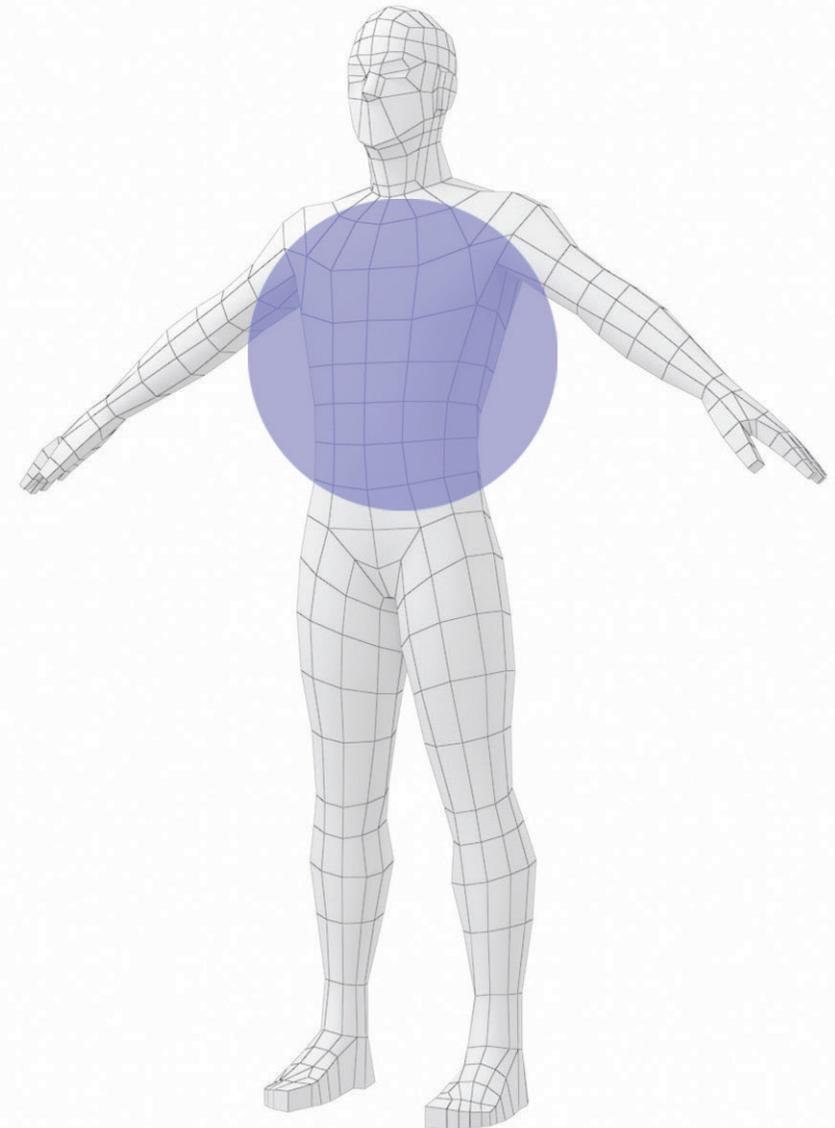
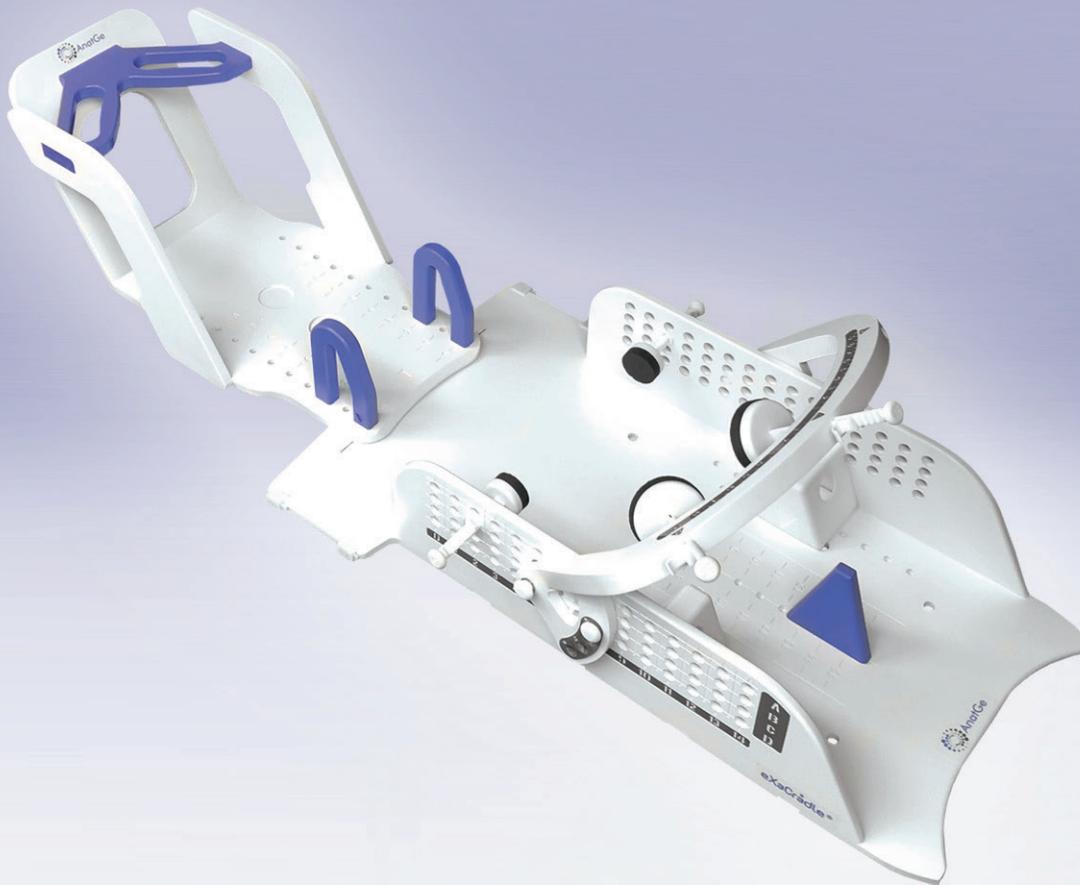
We believe passionately in what we do, in how we do it and continue to pursue this strategy to maintain our role as leaders of SBRT and radiation therapies.

# Stereotactic Body Radiation Therapy

STEREOTACTIC BODY RADIOTHERAPY OF THE  
THORAX, ABDOMEN AND PELVIS

## eXaCradle

**Stereotactic Multidampening SBRT System**



# eXaCradle

## Stereotactic Multidampening SBRT System

eXaCradle is the only SBRT system that allows for the personalised compression of each tumour location, through up to seven pressure points (Multidampening), and incorporates a stereotactic tumour location system visible externally and in CT imaging.

- ▶ **Stereotactic & Precise.**
- ▶ **Multidampening** (up to seven pressure points).
- ▶ **Reduced attenuation**  $\leq 2\%$ .
- ▶ **MR compatible (3 Teslas) & Reduced weight .**
- ▶ **Versatile.**
- ▶ **Effective.**
- ▶ **Efficient.**



“eXaCradle is not only a SBRT system for lungs, it is equally efficient for abdomen and prostate immobilisation.”



# eXaCradle

## Stereotactic Multidampening SBRT System

### ▶ Stereotactic & Precise:

eXaCradle is the only SBRT system with visible stereotactic references in CT imaging (walls, bridge and cradle) for the precise location of lesions with the same equipment and **avoiding the use of tattoos**.

### ▶ Multidampening:

Up to seven pressure points available: **two anterior obliques, one anterior central, two lateral and two posterior pressure points** (retroperitoneal compressions -RACs-).

### ▶ Reduced attenuation $\leq 2\%$ :

The innovative technology used in the manufacture of eXaCradle allows for reduced attenuation and the possibility to radiate through all its elements.

- Walls:  $\approx 2\%$
- Cradle:  $\approx 2\%$
- Bridge:  $\approx 2\%$
- Accessories:  $\approx 1-1.5\%$

### ▶ MR compatible (3 Teslas) & Reduced weight:

Manufactured with low density materials, Kevlar and fiberglass, making the eXaCradle a robust and lightweight device.

### ▶ Versatile:

- Offers specific compression sets for locations, such as the pancreas, kidney, liver, pelvis or prostate, and a wide variety of compression options for lung approach.

- The reproducibility and immobilisation offered by eXaCradle makes it ideal for use in conventional-dose-rate fractionated radiotherapy.

- Incorporates an anchoring system of thermoplastic masks to immobilise central nervous system.



“eXaCradle is the only SBRT system with visible stereotactic references in CT imaging.”

# eXaCradle

## Stereotactic Multidampening SBRT System

### ▶ Effective:

Allows for significant movement reduction of lesions, including in complex locations such as the diaphragm or the hilum.

### ▶ Efficient:

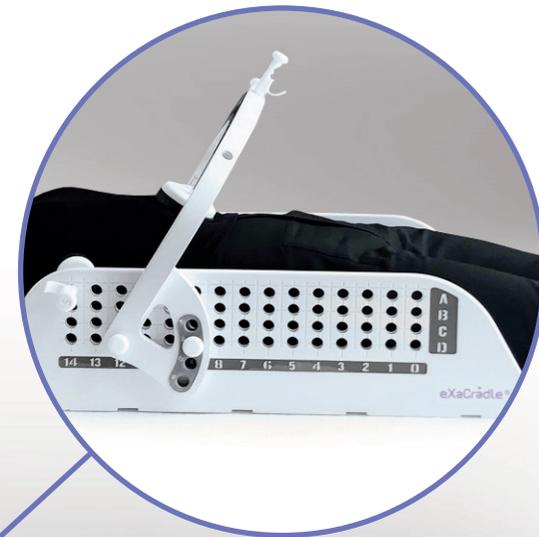
Reduced bunker repositioning times (less than 5 min.) with minimal IGRT corrections.

### ▶ Tilting bridge and cradle-shaped baseplate:

- The cradle shape contributes considerably to reducing thoracic movement and improves reproducibility.

- The bridge can be indexed **to up to 60 positions** (Y axis: **A, B, C & D** / X axis: **0 to 14**) and can be tilted cranially or caudally up to 7 different angles (**-45°, -30°, -15°, 0°, +15°, +30°, +45°**).

“eXaCradle allows for significant movement reduction of lesions, including in complex locations.”



Tilting bridge and cradleshaped baseplate to reduce movement and improve reproducibility.



# eXaCradle

Stereotactic Multidampening SBRT System

“eXaCradle has up to 7 pressure points and incorporates a stereotactic system for tumour location.”

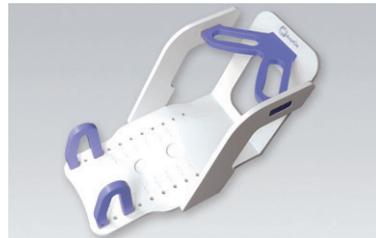


# eXaCradle

## eXaCradle Modules

The system includes the following modules:

▶ **Thorax positioning and immobilisation module:** designed to reduce mobility in the thoracic region and allowing the patient to position their arms in a comfortable and reproducible manner.



▶ **Thoracic and diaphragmatic compression module:** made up of a bridge with three pressure points that can be adapted to different angles (cranial or caudal). The bridge can be indexed in different positions, longitudinally and vertically.



▶ **Stereotactic module for retroperitoneal and lateral compression:** this module has four pressure points (two lateral and two retroperitoneal points) essential for localised lesions in the abdominal region. Furthermore, it incorporates a stereotactic system of visible rulers in CT to locate tumours with the same equipment.



# eXaCradle Cart

## eXaCradle transportation system

eXaCradle CART is a transportation system to store and transport the SBRT eXaCradle system. Made of resistant materials, its various compartments allow for separate storage of eXaCradle modules.

Specifically designed for the eXaCradle, it is ideal for equipment storage in small spaces and provides easy, convenient and safe transportation of the system.

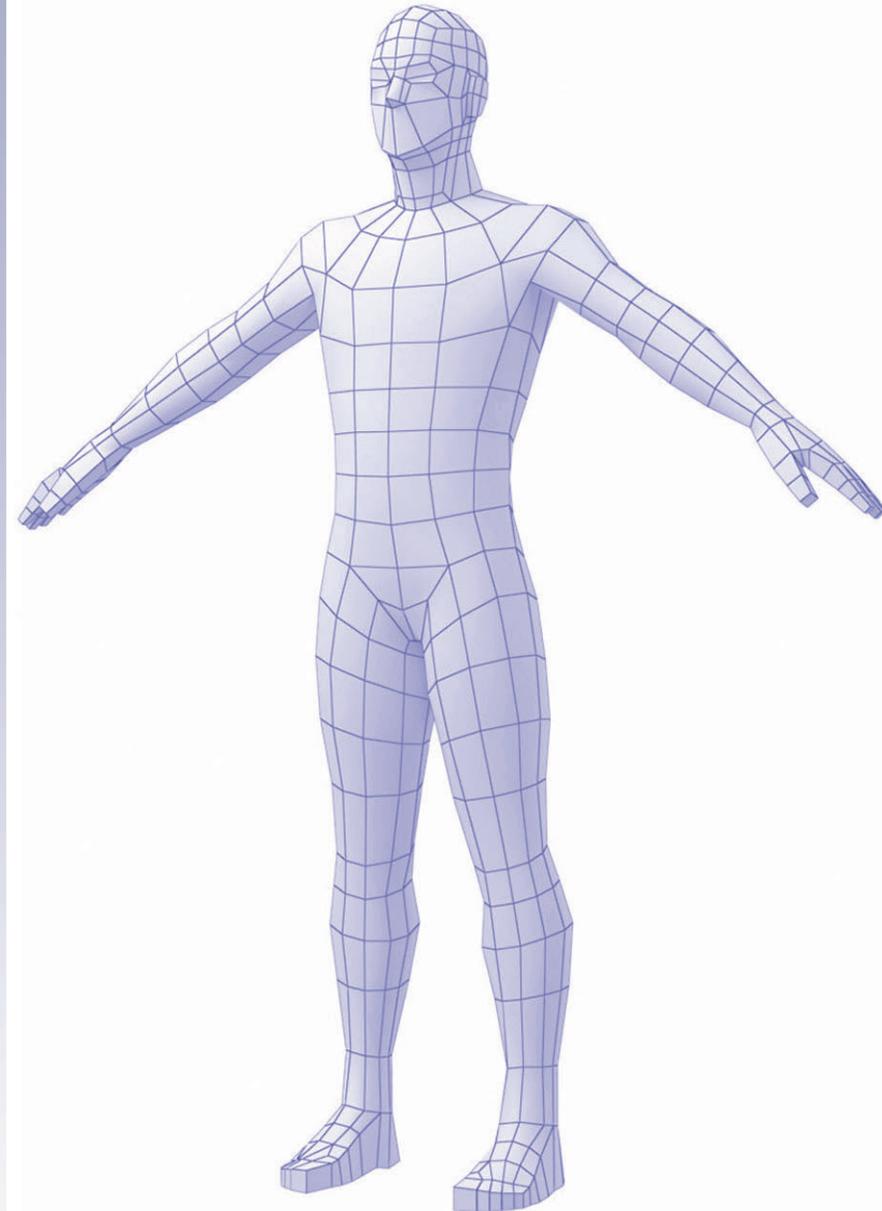


# High Density Bolus

SKIN TREATMENT

## eXaSkin

**Choose the most precise skin treatment  
with photons**

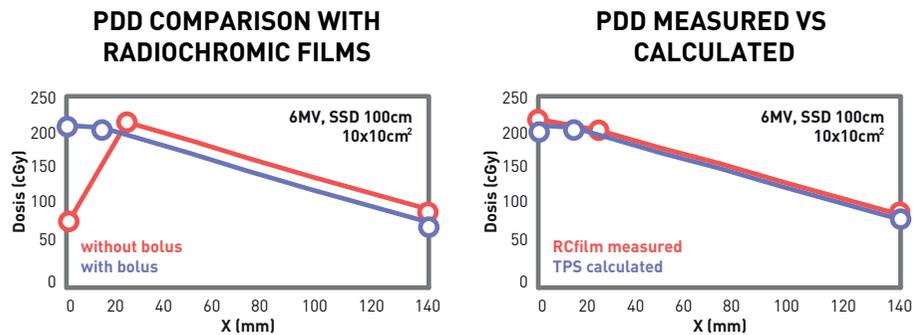


# eXaSkin

eXaSkin is the only high-density, highly-adaptable bolus in a paste which allows you to obtain customisable boluses in only 3 minutes. There is no necessity for complex 3D printing systems or modifications to the routine workflow.

eXaSkin offers the following benefits:

- ▶ Adapts completely to the skin.
- ▶ Avoids the rebuild-up effect even in the presence of air.
- ▶ Eliminates build-up area with less bolus density.
- ▶ Bolus density selection is no longer relevant.
- ▶ Density, shape and thickness data of eXaSkin are obtained by the TPS from CT imaging.
- ▶ Auto-fixable to thermoplastics to improve positioning and reproducibility.
- ▶ Does not dry, shrink or break.
- ▶ Achieve precise application of radiation dosage.



**PPD curve analysis demonstrates that eXaSkin:**

- Completely eliminates “build-up” areas in 6MV.
- Is a calculable product in accordance with TPS data.

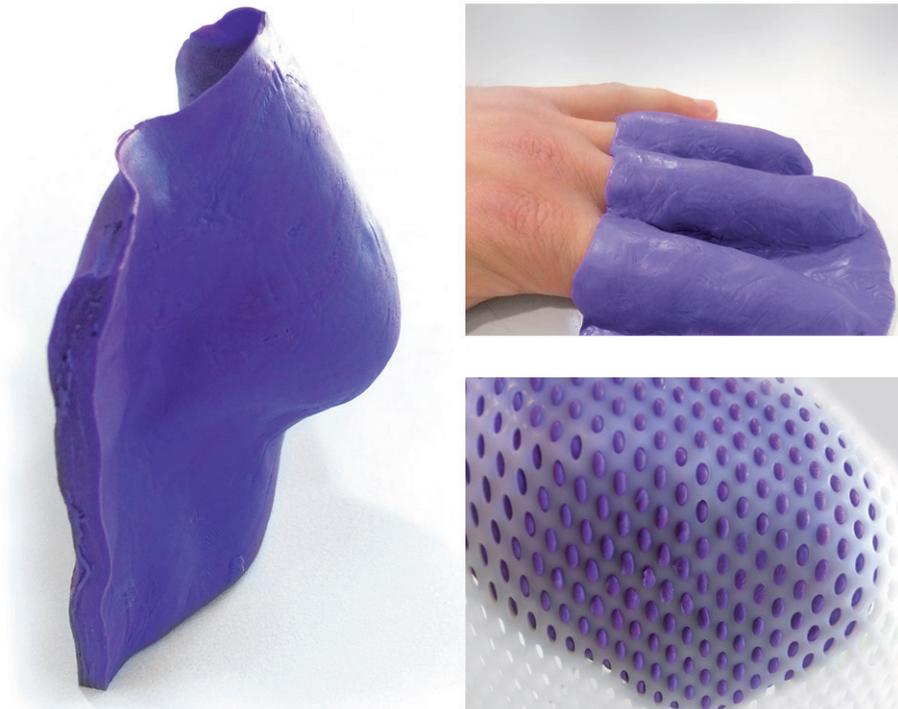
“The only customizable bolus with high density and adaptation that does not require complex 3D systems.”



# eXaSkin

## Quick and Easy Personalized Bolus

eXaSkin can make customisable boluses in less than 3 minutes. It allows for precision dosage on the skin in any clinical situation, and is highly recommended in highly-critical regions, such as the scalp, hands, neck, outer ear, facial contours or genitals.



## Customisation in less than 3 minutes

- ▶ Without 3D printers.
- ▶ Without additional investment in equipment.
- ▶ Without necessity for additional staff or technical knowledge.
- ▶ Without need to change routine workflow.

### How to use eXaSkin

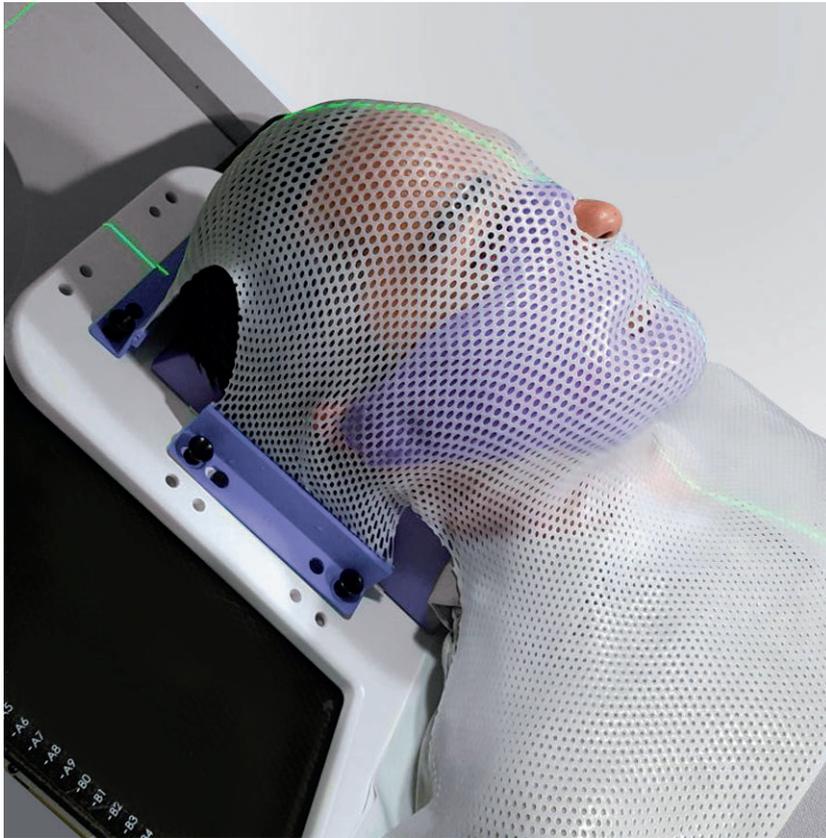
- 1 Prepare a sheet of eXaSkin following the recommended process in the instructions provided.
- 2 Lay out the sheet on the region required and, if necessary, position the thermoplastic on top of it.
- 3 Wait for the sheet to harden completely (approximately 2 minutes).
- 4 Acquire CT images for simulation.
- 5 eXaSkin can be calculated in a precise manner so that the treatment planning is identical to other photon treatments. The eXaSkin density should never be overwritten.

# iMold

## eXaSkin Mold Kit

The iMold kit includes two molds, **iMold-S** and **iMold-L**, to prepare homogenous eXaSkin sheets of a correct size. From these molds and the eXaSkin 900 gr kit you can obtain:

- ▶ **iMold-S:** 2 sheets of eXaSkin measuring 17x11x1 cm. **Proportions:** 1 tube of Component B + ½ Component A (450 g) per sheet.
- ▶ **iMold-L with internal frame:** 4 sheets of eXaSkin measuring 17x11x0.5 cm. **Proportions:** ½ tube of Component B + ¼ Component A (225 g) per sheet.
- ▶ **iMold-L without internal frame:** 2 sheets of eXaSkin measuring 17x22x0.5cm. **Proportions:** 1 tube of Component B + ½ Component A (450 g) per sheet.



“The combination of eXaSkin as a submask with any head masks improves immobilisation substantially.”

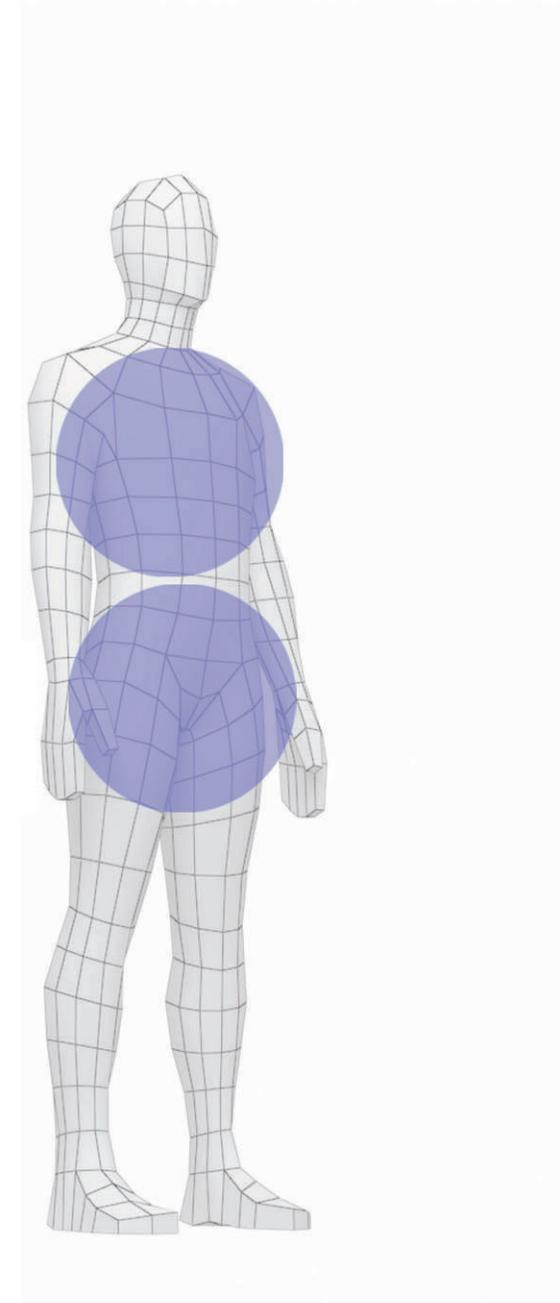
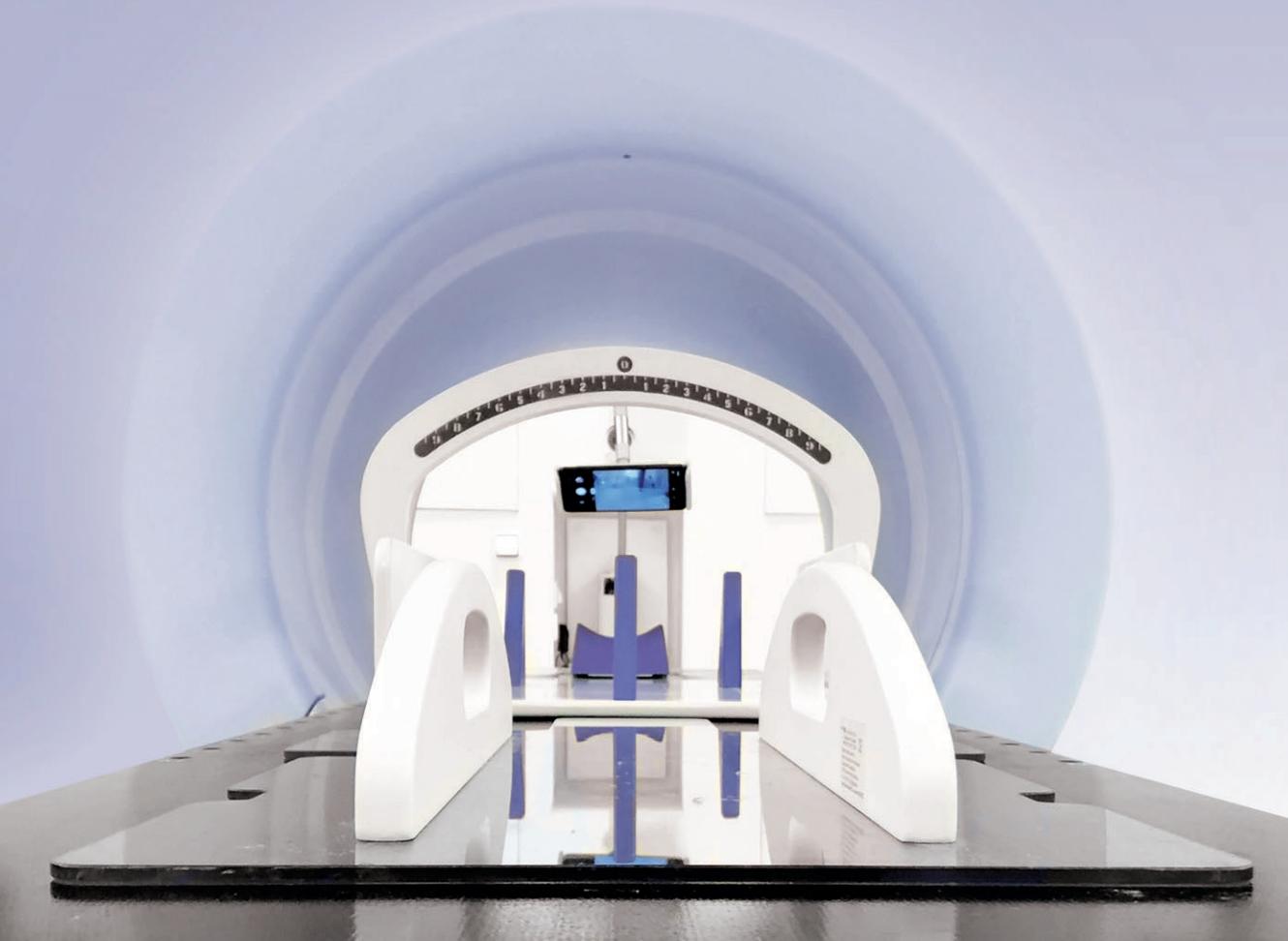


# Paediatric Immobilisation

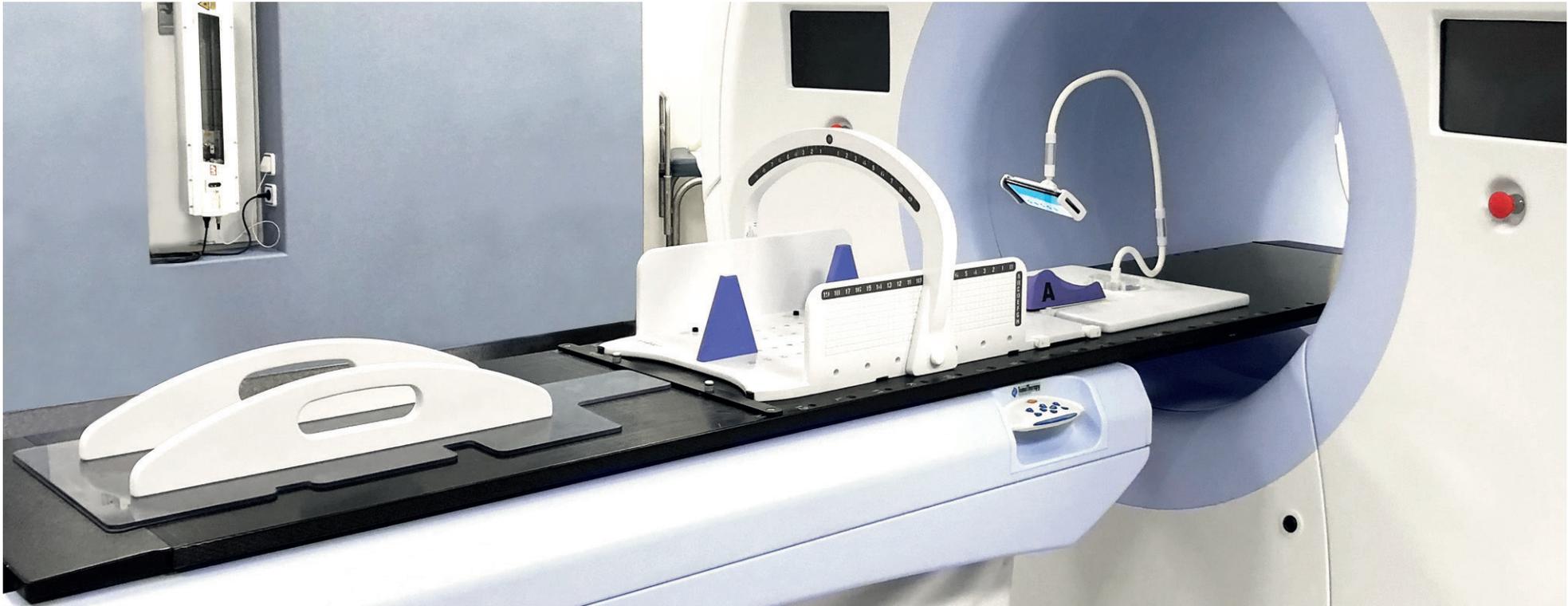
PAEDIATRIC IMMOBILISATION SYSTEM

## eXaKid

**Immobilisation system specifically designed for  
the Paediatric Patient**



# eXaKid



eXaKid is the result of years of clinical experience in the treatment of paediatric patients. It is specifically designed to meet the needs and improve the treatment precision for these patients. One of the main objectives in the design of eXaKid is to **facilitate workflows and immobilisation protocols.**

The equipment incorporates a stereotactic system for the location of tumours visible externally and in the CT images. Manufactured with low-density and **MR compatible composite material**, it is a piece of equipment which is **robust, with low attenuation and excellent dosimetric properties.**

eXaKid is a modular and stereotactic system which offers excellent results in immobilisation and reproducibility in the positioning of the paediatric patient. The benefits of the system include:

- ▶ **Specifically designed for paediatric immobilisation.**
- ▶ **Stereotactic to avoid tattoos.**
- ▶ **MR compatible (3 Teslas) and reduced weight.**
- ▶ **Versatile.**
- ▶ **Effective.**
- ▶ **Efficient.**

# eXaKid

## Designed to meet the needs of paediatric immobilisation

### Designed specifically for the paediatric patient:

- The system is designed for **patients up to about 1.30 metres** in height.
- The incorporated **eaSyPod** system is an innovative audio-visual media holder, which contributes to **distract the patient and calm them**.

### MR compatible (3 Teslas) & Reduced weight:

Manufactured in low-density and **MR compatible materials**, making eXaKid a light and robust piece of equipment.

### Stereotactic to avoid the need for tattoos:

- eXaKid has three sets of rulers visible both externally and in CT that create a **precise system of stereotactic location**.
- The equipment has five immobilisation cushions markers to adapt to each patient.
- The combination of these two elements **allow the omission of tattoos**, which helps enhance the cooperation of the paediatric patient during successive treatment sessions.



“ eXaKid facilitates workflows and immobilisation protocols in paediatric patients. ”

# eXaKid

Designed to meet the needs of paediatric immobilisation

► **Versatile:**

Combines the necessary elements for treatments concerning:

- The head and neck.
- The thorax.
- The abdomen.
- The medulla.
- The pelvis.

► **Effective:**

High reproducibility, reduction of treatment time and IGRT corrections.

► **Efficient:**

Reduces CT/MR simulation times, such as treatment bunker repositioning times.

“eXaKid incorporates the eaSyPod, an innovative audio-visual media holder which enhances the collaboration of the patient.”



# eXaKid

Designed to meet the needs of paediatric immobilisation



Bridge for Z axis on externally visible ruler and CT.

eaSyPod system for audio-visual media.

Immobilisation cushions markers.

Anchoring system for thermoplastic masks of the Thorax and Abdomen.

4- Point Anchoring system for thermoplastic masks for the Head and Shoulders.

Localization grid (X and Y axes) visible externally and in CT.

Immobilisation cushion flattener.

# Immobilisation of the Head, Neck and Shoulders

## eXaFrame

Designed for the perfect fusion of CT-RM images of the Head & Neck

## eaSyFrame-L

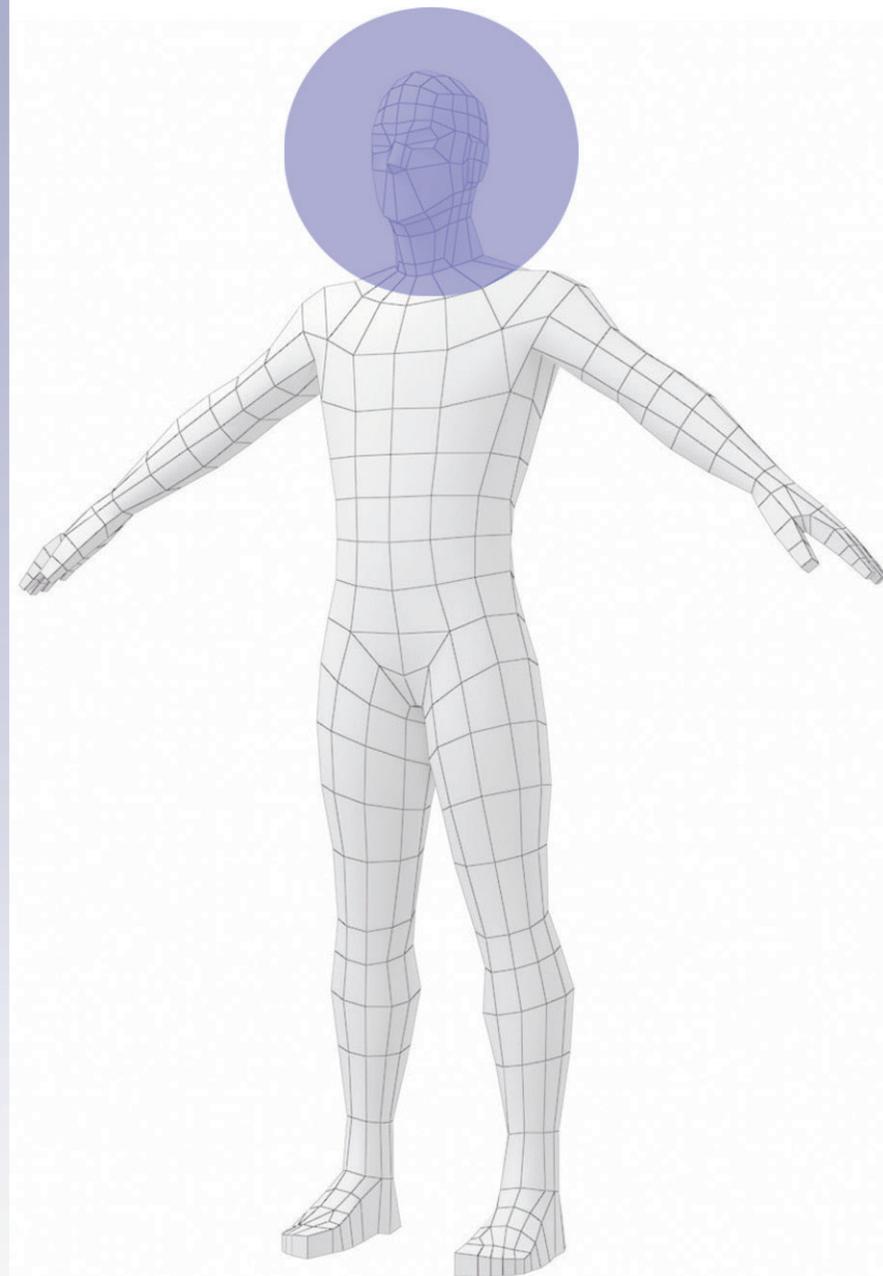
Immobilisation System for Head & Shoulders  
Compatible with Multi-point Masks with L-frames

## eaSyFrame-S

Immobilisation system for Head & Shoulders  
Compatible with Multi-point masks with Push-pins

## QuickFrame-S

Immobilisation system for Head Compatible with  
Multi-point masks with Push-pins



# Introduction

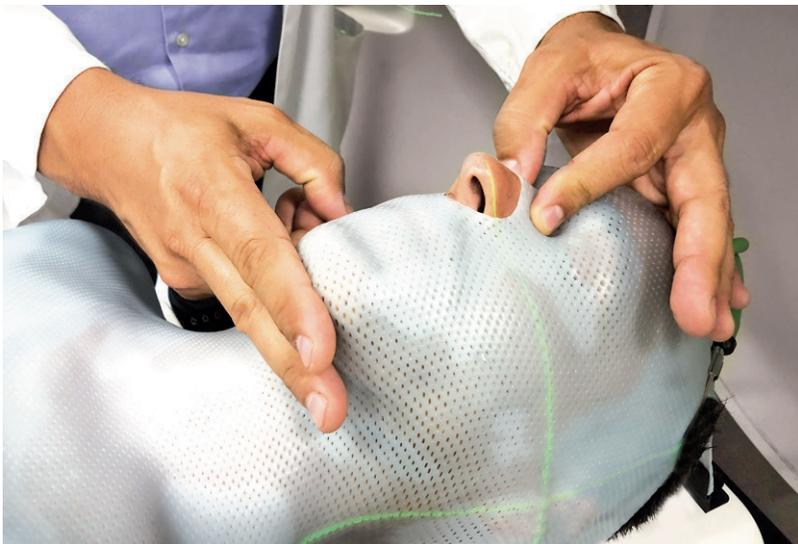
## Precise Immobilisation Systems for the Head, Neck & Shoulders

In AnatGe, we have developed our own line of immobilisation systems for the Head & Shoulders (**gamas eXa, eaSy and Quick lines**), with innovation and precision at the heart of these developments.

Our equipment always offers a close-fitting thermoplastic that fits onto the patient's head. This maintains the ears in a fixed position, which **reduces lateral and rotational displacement**.

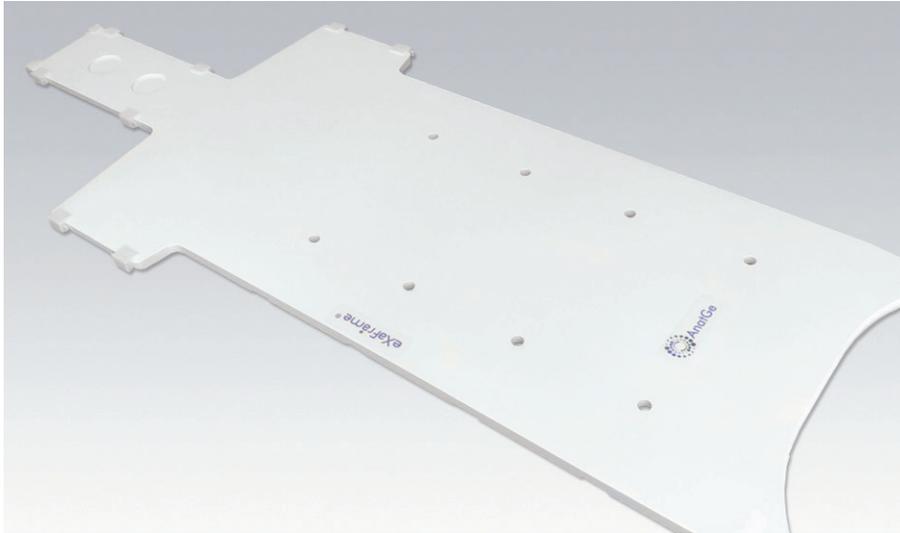
The combination of immobilisation systems of eXa, eaSy and Quick lines with our range of thermoplastics **eXaCast and eXaCast Accuracy** substantially reduce displacement in comparison with other systems:

- ▶ **< 2 mm (with standard headrest).**
- ▶ **≈ 1 mm (with customisable headrest such as TOTIM or Moldcare).**



“ Precision and Innovation for improved immobilisation ”





## eXaFrame

**Designed for the perfect fusion of CT-RM images of the Head & Neck.**

**eXaFrame** is an immobilisation system for the Head and Head & Shoulders, designed for use in Isotropic Resonance Antennas to obtain high-quality fusions of CT/MR. Compatible with thermoplastic masks with 3, 4 and 5 L-frame anchor points.

### Main Features:

- ▶ **Precise, indexable and compatible with the HexaPOD™ system.**
- ▶ **Lightweight, manufactured with low-density composite material (Kevlar and fibreglass) for minimal attenuation and compatible with Magnetic Resonance (MR conditional 3T).**
- ▶ **Compatible with standard TIMO headrests (foam).**
- ▶ **Special settings allow fixture of the ears to the thermoplastic mask, avoiding rotation of the head.**



## eaSyFrame-L

**Immobilisation System for Head & Shoulders  
Compatible with Multi-point Masks with L-frames.**

**eaSyFrame-L** is an immobilisation system for the Head and Head & Shoulders adapted for ORL treatments that require excellent immobilisation. Compatible with thermoplastic masks with 3, 4 and 5 L-frame anchor points.

### Main Features:

- ▶ **Reduced size, indexable and compatible with the HexaPOD™ systems. Lightweight, manufactured with low-density material for minimal attenuation and compatible with Magnetic Resonance (MR conditional 3T).**
- ▶ **Compatible with standard TIMO headrests (foam).**
- ▶ **Special settings allow fixture of the ears to the thermoplastic mask, avoiding rotation of the head.**
- ▶ **Allows for indexing of the thermoplastic masks in different positions according to the width of the patient's shoulders.**



## eaSyFrame-S

### Immobilisation system for Head & Shoulders Compatible with Multi-point masks with Push-pins

**eaSyFrame-S** is an immobilisation system for Head & Shoulders adapted for ORL radiotherapy treatments that require excellent immobilisation. Compatible with thermoplastic mask with 3, 4 y 5 anchor points with push-pins.

**Main Features:**

- ▶ Reduced size, indexable and compatible with HexaPOD™ systems.
- ▶ Light, manufactured from low-density material for minimum attenuation and compatible with Magnetic Resonance (MR conditional 3T).
- ▶ Compatible with TIMO (foam) and SILVERMAN (PVC) standard headrests. Available with removable indexable wingboards for customisable headrests such as Moldcare or vacuum cushions.
- ▶ Special setting allows fixture of the ears to the thermoplastic mask, avoiding the rotation of the head.
- ▶ Allows for indexing of thermoplastic masks in different positions according to the width of the patient's shoulders.



## QuickFrame-S

### Immobilisation system for Head Compatible with Multi-point masks with Push-pins

**QuickFrame-S** is an immobilisation system for Head, Compatible with thermoplastic mask with 3 anchor points with push-pins.

**Main Features:**

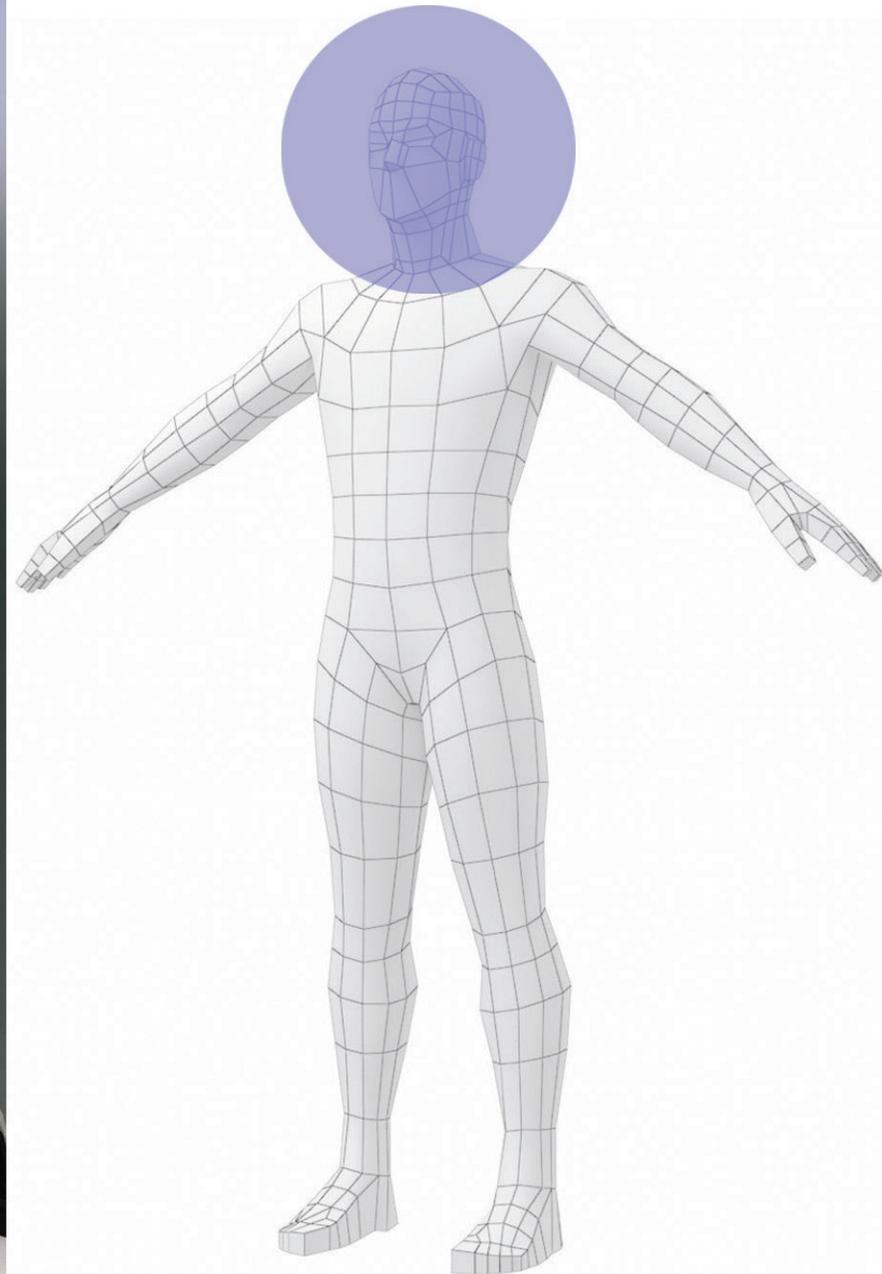
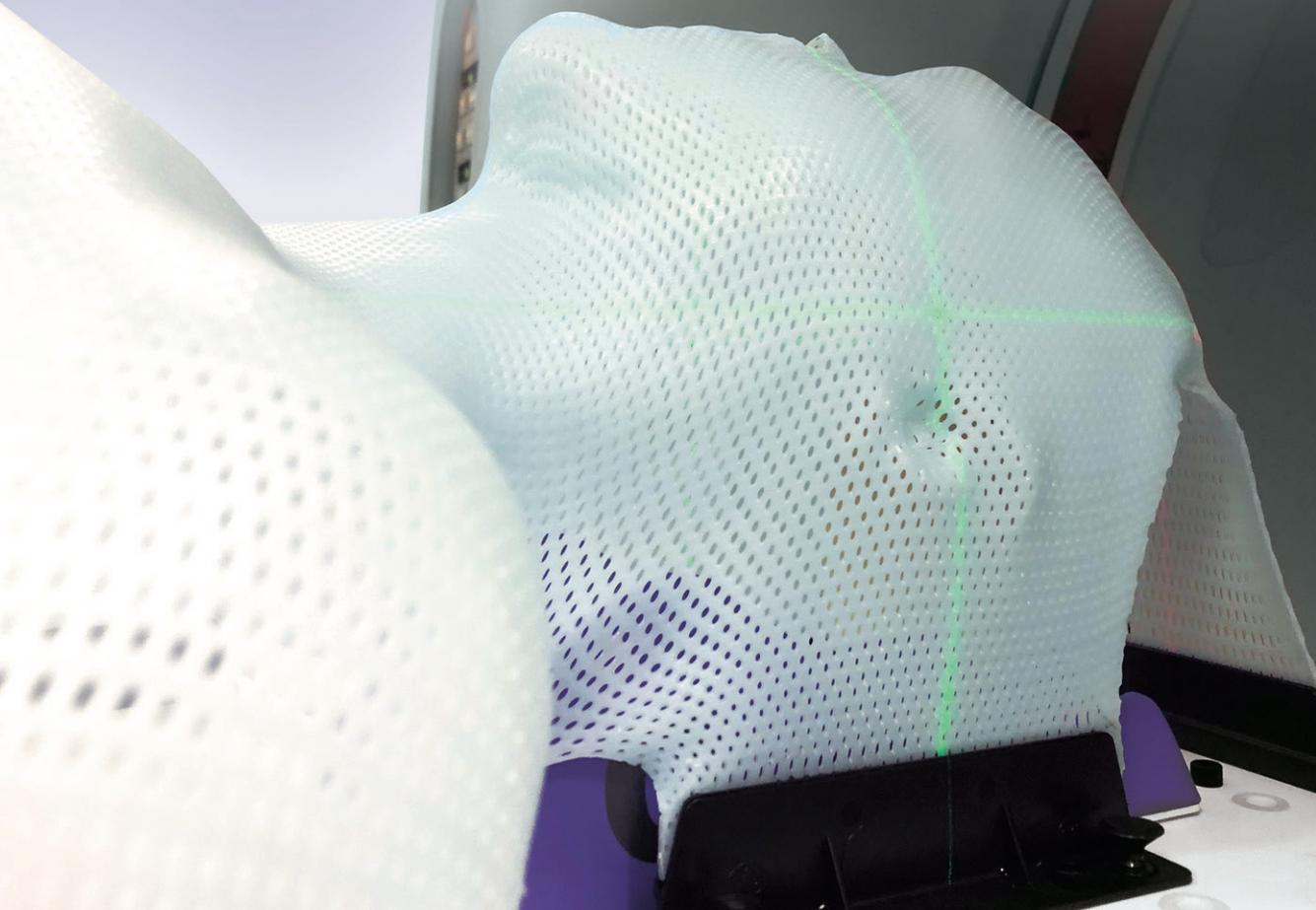
- ▶ Reduced size, indexable and compatible with HexaPOD™ systems.
- ▶ Light, manufactured from low-density material for minimum attenuation and compatible with Magnetic Resonance (MR conditional 3T).
- ▶ Compatible with TIMO (foam) and SILVERMAN (PVC) standard headrests. Available with removable indexable wingboards for customisable headrests such as Moldcare or vacuum cushions.
- ▶ Special setting allows fixture of the ears to the thermoplastic mask, avoiding the rotation of the head.

# eXaCast Thermoplastics

HIGH ACCURACY THERMOPLASTIC MASKS

## eXaCast

**Diverse range of masks adapted to  
different types of treatment**



# eXaCast Thermoplastics

The masks from the eXaCast, eXaCast Accuracy and Violet series are manufactured with thermoplastic of the highest quality to offer improved immobilisation and reproducibility in treatments. The rigidity and reduced shrinkage guarantee a perfect fit with the patient's contours, ensuring comfort. Mold times vary between the different thermoplastics to adapt to workflows in each centre.

## A range adapted to the needs of each centre

AnatGe offers a variety of masks adapted to the needs of our clients and the different types of treatment:

- ▶ Multi-point masks with Anchor Push-pins.
- ▶ Multi-point masks with L-shaped anchor point
- ▶ U-Type Masks and S-Type with with frame (IMRT) and without.
- ▶ SRS Masks compatible with BrainLab systems.
- ▶ V-shaped Masks compatible with ELEKTA systems.



**PRECISION:** our thermoplastics reach a high level of precision lower than 2 mm.



**PATIENT COMFORT:** the thermoplastics include non-stick coating to avoid sticking to the patient's skin or hair.

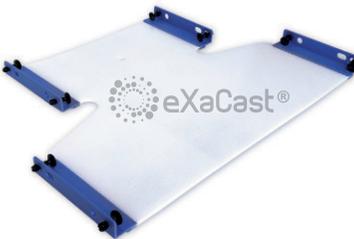
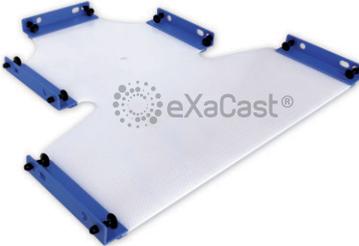
“eXaCast, high quality to obtain the best results.”

# eXaCast Thermoplastics

## eXaCast Accuracy Multi-point Masks with Anchor Push-Pins

| <b>Head 3 points Mask</b><br>Ref.: AGOP31123-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo | <b>Head &amp; Neck 3 points Mask</b><br>Ref.: AGOP31123L-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo & Neck extension | <b>Head 3 points Mask</b><br>Ref.: AGOP31123-MC-FH<br>▶ 2,3 mm thickness<br>▶ Microperfo & Open-face | <b>Head &amp; Shoulders 4 points Mask</b><br>Ref.: AGOP41123-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo | <b>Head &amp; Shoulders 5 points Mask</b><br>Ref.: AGOP51123-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo |
|--|---|--|--|--|
|         |                                      |                    |                       |                       |

## eXaCast Multi-point Masks with Anchor Push-Pins

| <b>Head 3 points Mask</b><br>Ref.: AGOP32224S<br>▶ 2,4 mm thickness<br>▶ Miniperfo  | <b>Head &amp; Neck 3 points Mask</b><br>Ref.: AGOP32224<br>▶ 2,4 mm thickness<br>▶ Miniperfo & Neck extension | <b>Head 3 points Mask</b><br>Ref.: AGOP32224-FH<br>▶ 2,4 mm thickness<br>▶ Miniperfo & Open-face | <b>Head &amp; Shoulders 4 points Mask</b><br>Ref.: AGOP42224<br>▶ 2,4 mm thickness<br>▶ Miniperfo | <b>Head &amp; Shoulders 5 points Mask</b><br>Ref.: AGOP52224<br>▶ 2,4 mm thickness<br>▶ Miniperfo |
|---|---|--|---|---|
|  |                            |              |              |              |

# eXaCast Thermoplastics

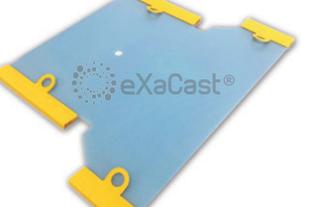
## eXaCast Accuracy Multi-point Masks with L Anchor

| <b>Head 3 points Mask</b><br>Ref.: AG031123-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo | <b>Head &amp; Neck 3 points Mask</b><br>Ref.: AG031123L-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo & Neck extension | <b>Head Mask 3 points Mask</b><br>Ref.: AG031123-MC-FH<br>▶ 2,3 mm thickness<br>▶ Microperfo & Open-face | <b>Head &amp; Shoulders 4 points Mask</b><br>Ref.: AG041123-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo | <b>Head &amp; Shoulders 5 points Mask</b><br>Ref.: AG051123-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo |
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## eXaCast Multi-point Masks with L Anchor

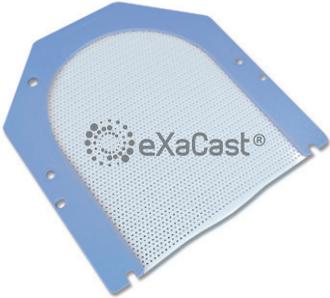
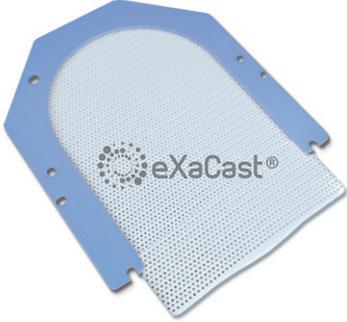
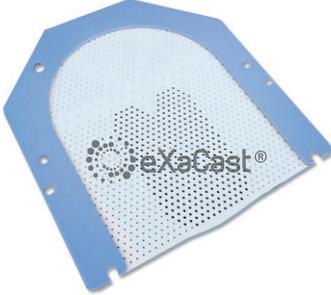
| <b>Head 3 points Mask</b><br>Ref.: AG032224<br>▶ 2,4 mm thickness<br>▶ Miniperfo    | <b>Head &amp; Shoulders 4 points Mask</b><br>Ref.: AG042224<br>▶ 2,4 mm thickness<br>▶ Miniperfo | <b>Head &amp; Shoulders 5 points Mask</b><br>Ref.: AG052224<br>▶ 2,4 mm thickness<br>▶ Miniperfo |
|---|--|--|
|  |               |              |

## Paediatric Masks

| <b>Head &amp; Shoulders 4 points Mask</b><br>Ref.: AG041123K-MC-NH<br>▶ 2,3 mm thickness<br>▶ Microperfo |
|--|
|                     |

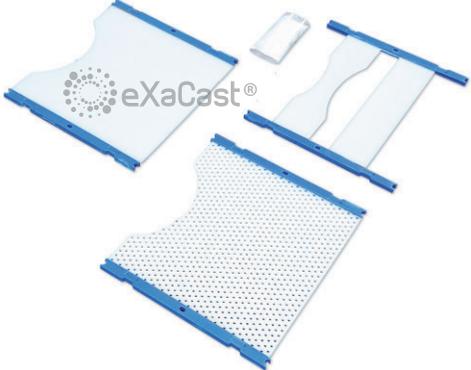
# eXaCast Thermoplastics

## U-Type and S-Type Masks with reinforcement (IMRT) and without

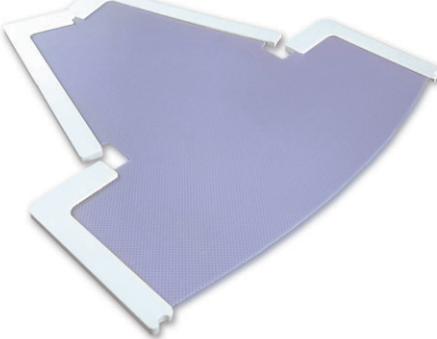
|  |   |  |  |
|--|---|--|--|
| <p><b>U-Type Head Mask</b><br/>                     Ref.: AGU12224<br/>                     ▶ Miniperfo<br/>                     ▶ 2,4 mm thickness</p>  | <p><b>U-Type Head &amp; Neck Mask</b><br/>                     Ref.: AGU22224<br/>                     ▶ Miniperfo &amp; Neck extension<br/>                     ▶ 2,4 mm thickness</p> | <p><b>Reinforced U-Type Head Mask</b><br/>                     Ref.: AGU1IMRT2224<br/>                     ▶ IMRT<br/>                     ▶ 2,4 mm thickness</p>  | <p><b>Reinforced U-Type Head &amp; Neck Mask</b>   Ref.: AGU2IMRT2224<br/>                     ▶ IMRT &amp; Neck extension<br/>                     ▶ 2,4 mm thickness</p> |
|   |   |   |   |
| <p><b>S-Type Head Mask</b><br/>                     Ref.: AGCS12224<br/>                     ▶ Miniperfo<br/>                     ▶ 2,4 mm thickness</p> | <p><b>S-Type Head &amp; Shoulders Mask</b><br/>                     Ref.: AGCS32224<br/>                     ▶ Miniperfo<br/>                     ▶ 2,4 mm thickness</p>                | <p><b>Reinforced S-Type Head Mask</b><br/>                     Ref.: AGCS1IMRT2224<br/>                     ▶ IMRT<br/>                     ▶ 2,4 mm thickness</p> | <p><b>Reinforced S-Type Head &amp; Shoulders Mask</b>   Ref.: AGCS3IMRT2224<br/>                     ▶ IMRT<br/>                     ▶ 2,4 mm thickness</p>                |
|   |   |   |   |

# eXaCast Thermoplastics

## eXaCast Accuracy Radiosurgery Masks Compatible with Brainlab Systems

| <b>SRS Head Mask</b><br>Ref.: AGBRS1523<br>▶ 3 & 2,3 mm thickness<br>▶ Microperfo   Multiperfo   Nonperfo | <b>SRS Head &amp; Chin Mask</b><br>Ref.: AGBRL1523<br>▶ 3 & 2,3 mm thickness<br>▶ Microperfo   Multiperfo   Nonperfo | <b>SRS Head &amp; Chin Mask</b><br>Ref.: AGBRL3630<br>▶ 3 mm thickness<br>▶ Multiperfo   Nonperfo |
|---|--|---|
|                          |                                    |                |

## Violet Series V-shaped Masks Compatible with ELEKTA Systems

| <b>V-Type Head Mask</b><br>Ref.: MR-E11524VL<br>▶ 2,3 mm thickness<br>▶ Microperfo  | <b>V-Type Head &amp; Neck Mask</b><br>Ref.: MR-E21524VL<br>▶ 2,3 mm thickness<br>▶ Microperfo & Neck extension | <b>V-Type Head &amp; Shoulders Mask</b><br>Ref.: MR-E31524VL<br>▶ 2,3 mm thickness<br>▶ Microperfo |
|---|--|--|
|  |                            |               |

# Breast and Thorax

IMMOBILISATION SYSTEMS FOR THE BREAST  
AND THORAX

## eaSyBreast

**Breast Board**

## eaSyChest

**Tilting Immobilisation System for the Thorax**



# eaSyBreast

## Breast Board

eaSyBreast is an innovative breast board manufactured in light and robust carbon fibre. The system controls the height and inclination of the arms (positions 3 and 4) and the base board (positions 1 and 2) independently, in order to **reduce extension of the shoulders and avoid collisions**.

The arm and wrist rests can be adjusted independently and the **velcro fastening system** improves patient comfort. **Removable indexing markers** are included for indexing immobilisation cushions to improve patient immobilisation and reproducibility.



**Tilting System:**  
independent adjustment of arm and board height.



# eaSyChest

## Tilting Immobilisation System for the Thorax

eaSyChest is an arm positioning system designed for the correct and precise immobilisation of the thorax. It's special design allows for the treatment of lesions close to the neck and for indexing immobilisation cushions, such as Moldcare or TOTIM. The system is also compatible with standard headrests and is completely indexable.



Adjustable armrests (positions **A, B, C & D**).



Easy to transport.



Easy storage.

Velcro fastening system for patient comfort.

Adjustable wrist rests (positions **K & U**).



Tilting system with adjustable (height **1, 2 & 3**).



# Pelvis and Extremities

PRONE, PELVIS, ABDOMEN & EXTREMITIES

## eXaProne

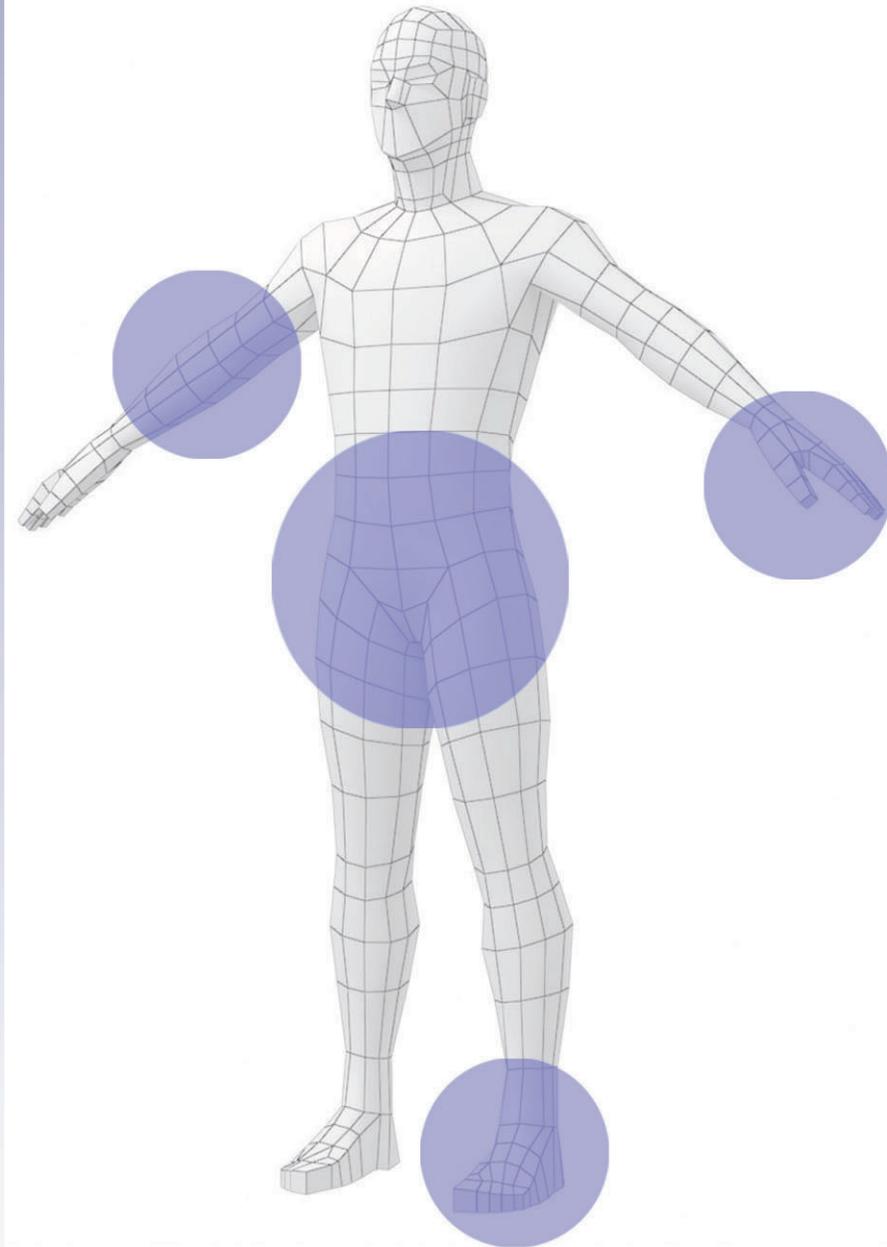
**Immobilisation System for treatments in Prone Position**

## eaSyGroin

**Immobilisation System for the Pelvis & Abdomen**

## eXaHip

**Immobilisation System for the Pelvis**



# eXaProne

## Immobilisation Systems for Treatments in Prone Position

**eXaProne** is a pioneering immobilisation and positioning system for the abdominal region used primarily in the treatment of the rectum and prostate.

eXaProne's exclusive design allows the system to adapt to the height of each patient, modifying the marker position of the iliac spine (positions **A, B, C, D and E**). The innovative open design centres on the iliac spine marker, freeing the abdominal region of the patient to adapt to the anatomy of any patient.

eXaProne is manufactured from light and resistant materials such as **fibreglass and Kevlar**, offering minimal attenuation. The product is exclusively available in a **Magnetic Resonance** compatible version (MR conditional 3T).



### Features:

- ▶ Manufactured with non-artifact materials and low attenuation.
- ▶ Includes lateral rulers visible externally and in CT.
- ▶ Compatible with any headrest systems.
- ▶ Reduced dimensions to avoid collisions.
- ▶ Compatible for use with immobilisation cushions.
- ▶ eXaProne can be indexed through standard indexing bar to any treatment or simulation board.



**Lateral rules visible externally and in CT**

# eaSyGroin

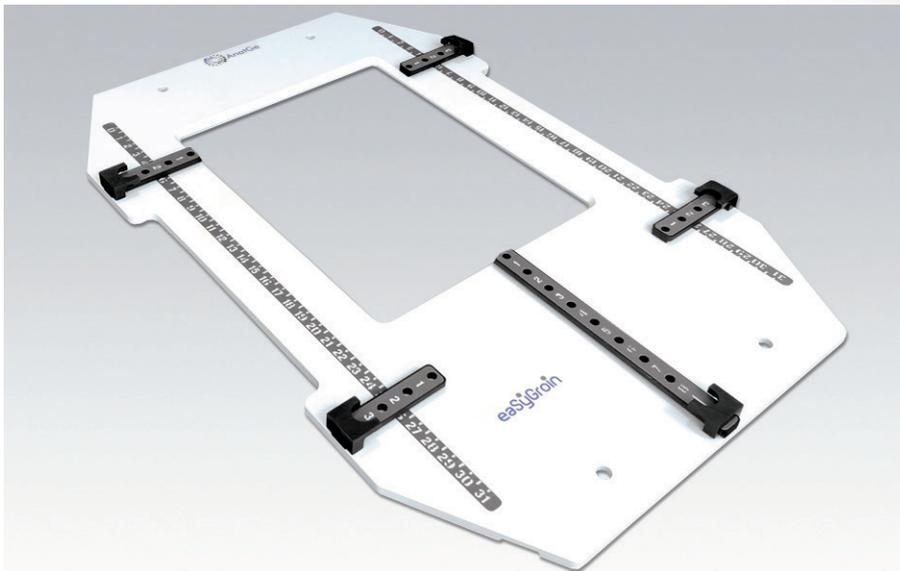
## Immobilisation System for the Pelvis & Abdomen

The **eaSyGroin** system utilizes thermoplastic masks adapted for the immobilisation of the pelvis and abdomen. These masks include two L-shaped frames that can be indexed in different positions on either side of the patient and can be secured using sliding straps. They also include a third frame that can be indexed in the groin region through the same system. eaSyGroin substantially facilitates the repositioning and immobilisation of the pelvic region, avoiding rotations and reducing cranial-caudal displacement.

The L-frame anchoring systems can be secured in **3 positions on both sides** and up to **8 positions in the groin area**. Two **lateral rulers** that are visible externally and on CT are included.

eaSyGroin is **MR compatible** (MR conditional 3T) and indexable through one or two indexing bars. Reduced dimensions can be used in small-diameter gantries.

“eaSyGroin substantially facilitates the repositioning and immobilisation of the pelvic region, avoiding rotations and reducing cranial-caudal displacement.”



# eXaHip

## Immobilisation System for the Pelvis

**eXaHip** is designed to improve the precision of positioning and repositioning of the inferior abdominal region and the extremities. The system combines the benefits and functionality of the footrest [**eXaFeet**] and knee-rest [**eXaKnee**].

eXaFeet is indexable along the base of eXaHip in up to **10 different positions (A-J)** and the angle can be adjusted to up to **4 positions (angles of 0°, 5°, 10°, 15°)**. The shoulder retractors can be anchor to this tilting system in different positions (**A- F**), according the patient's height.

eXaKnee is indexable in up to 5 different positions (**I, A, B, C and +**) on the **eXaHip base**, which is indexable on the treatment table itself or on CT through indexing bars. Furthermore, the height of eXaKnee can be modified through the use of eXaKnee elevation blocks to obtain different heights and optimal comfort.

“eXaHip is designed to improve the precision of positioning and repositioning of the lower abdominal region and the extremities.”



# Immobilisation cushions

HEAD, NECK, THORAX, PELVIS & EXTREMITIES

## Moldcare

Customisable & Water Activatable Cushions

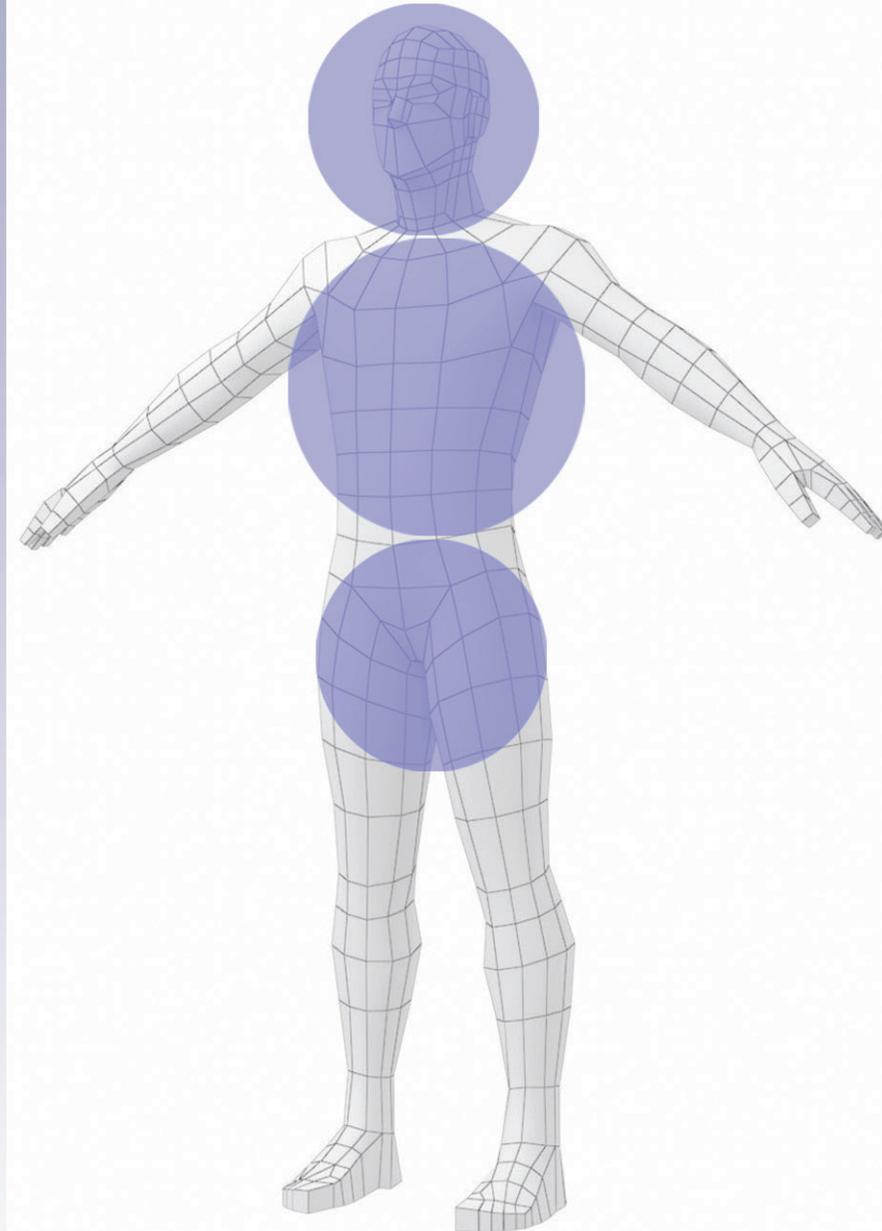
## in-Mold

Cushions Indexing Systems

## TOTIM

TOTAL IMMOBILIZATION. Ready to use polyurethane foam cushion

## Portable Vacuum Pump | Vacuum Cushions



# Moldcare

## Customisable & Water Activatable Cushions

**Moldcare** are customisable immobilisation cushions that perfectly combines precision, operating time and patient comfort.

These cushions are activated by using a small quantity of water, hardening completely in less than 20 minutes. Available in different sizes and shapes to better adapt to each clinical or localization situation. Ideal for the creation of **customised headrests**, immobilisation of the thorax and abdomen in **SBRT** or immobilization of the **extremities**, among other uses.

“**Moldcare perfectly combines precision, operating time and patient comfort.**”



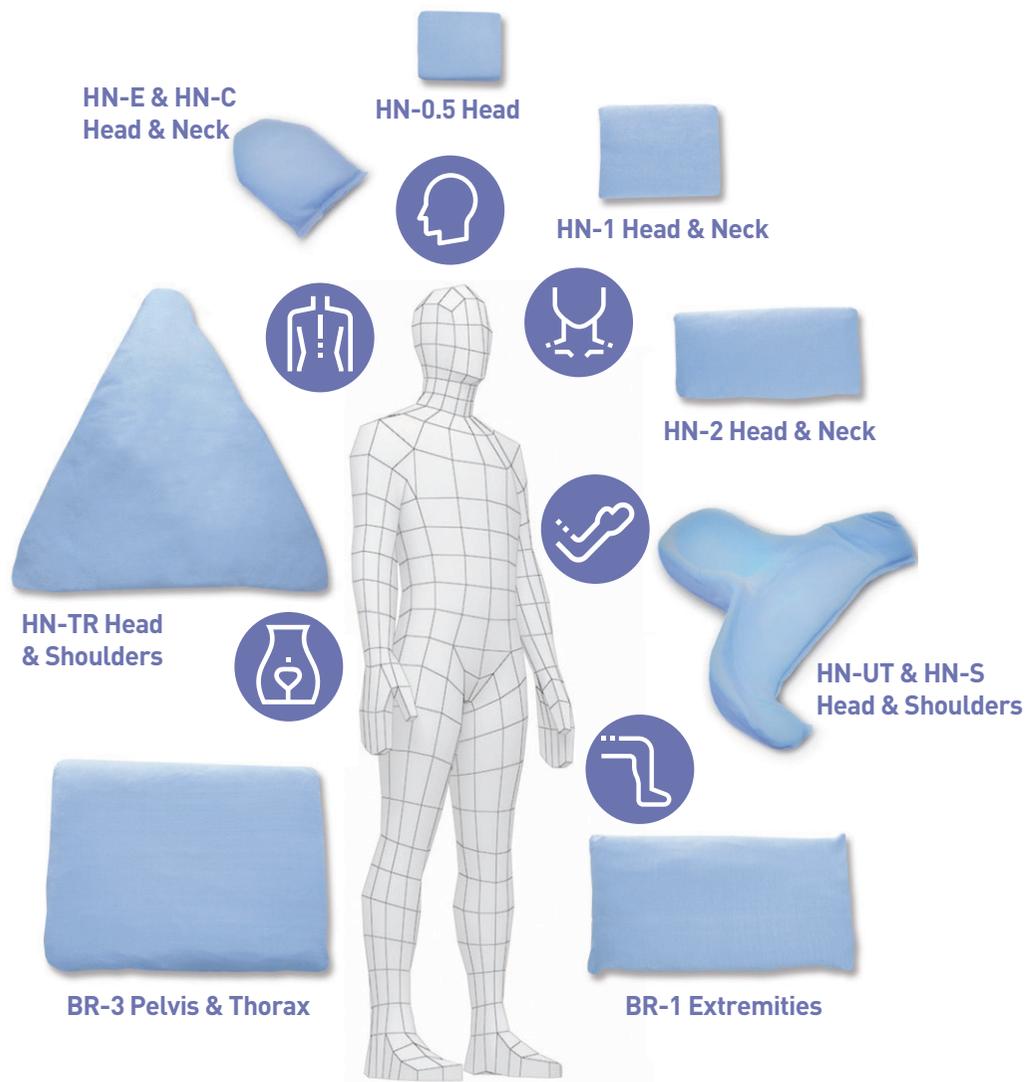
### How to Use

- 1 Remove MOLDCARE from the aluminium packaging and spray it water.
- 2 Mold the product into the desired shape and place over the immobilisation system.
- 3 Position the area of interest on the cushion to immobilise the patient and adapt to their body shape.
- 4 Leave the cushion on a flat surface without any weight on it until the hardening process is complete.



# Moldcare

## Available Models



## Models and specifications

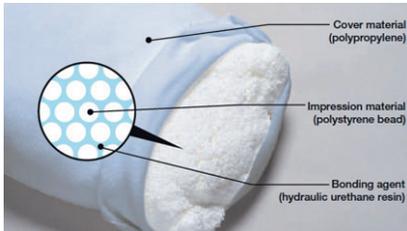
| Commercial name | Type | Code  | Specifications  | Content per carton |
|-----------------|------|-------|---|--------------------|
| Moldcare HN     | 0.5  | 93066 | 20 cm x 15 cm   | 10 pcs             |
|                 | 1    | 93741 | 20 cm x 25 cm   | 10 pcs             |
|                 | 2    | 93742 | 20 cm x 45 cm   | 10 pcs             |
|                 | TR   | 94232 | Trapezoid-shape<br>Upper Base: 5 cm<br>Lower Base: 58 cm<br>Height: 65 cm | 10 pcs             |
|                 | C    | 95942 | 20 cm x 35 cm<br>(Chamfered Half-Fill)                                    | 10 pcs             |
|                 | E    | 94512 | 20 cm x 34 cm<br>(Chamfered)  | 10 pcs             |
|                 | S    | 95941 | Type S<br>(Sufficient Fill)   | 10 pcs             |
| Moldcare BR     | UT   | 94521 | Type S<br>(Thinner Shape)   | 10 pcs             |
|                 | 1    | 93821 | 40 cm x 60 cm   | 10 pcs             |
|                 | 3    | 93822 | 60 cm x 60 cm   | 6 pcs              |

## Effective Immobilisation

MOLDCARE offers effective immobilisation for patients with reduced mobility or undergoing treatments that require a high level of immobilisation or precision.

- ▶ **Customised immobilisation for every patient** during radiotherapy to achieve maximum precision, avoiding inaccuracies.
- ▶ **MOLDCARE is made of low-attenuation materials** and can be used in dose distribution measurements through CT simulation and therapeutic procedures.
- ▶ **MOLDCARE offers great ease in molding** making it possible to adapt to complex clinical situations, offering a comfortable position for each patient which is adequate for each treatment.

# Moldcare



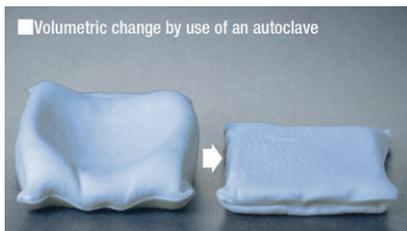
## Innovative Materials

The base material can be activated with a small quantity of water, allowing the user to create precision molds for the patient.



## Improved Patient Comfort

The cushion molds to the shape required for treating the patient and limits movement. MOLDCARE offers safe and comfortable positioning that improves patient comfort.



## Environmentally-friendly Materials

MOLDCARE materials offer the capacity to reduce its volume from 120 °C. This makes it possible to shrink and sterilise it simultaneously in the equipment by hanging it inside the autoclave, thereby achieving a volume reduction of waste.

# in-Mold

## Cushions Indexing Systems



in-Mold Two



in-Mold

**in-Mold** and **in-Mold Two** are indexable systems for securing immobilisation cushions for radiotherapy patients. They offer ideal molded cushions to adapt to specific clinical situations.

in-Mold is ideal for the immobilisation of lower limbs and the pelvic region, while the in-Mold Two is highly-recommended for immobilizing the torso. The combination of both is recommended for securing full-body cushions, and is highly effective for **paediatric immobilization**.



# TOTIM

## TOTAL IMMOBILIZATION. Ready to use polyurethane foam cushion.

TOTIM is a customisable cushion made of polyurethane foam for the immobilisation of patients in radiotherapy that guarantees reproducibility of positioning during the treatment cycle. The produce is available in a **wide variety of shapes adapted to each location.**

TOTIM consists of a sealed microfiber cushion that contains a bag with two separate components. Both components are mixed when applying pressure and then react with each other to produce a self-expanding foam. Once expanded, the foam fills the cushion and adapts to the patient's body creating a solid, radiotransparent mold in only a few minutes.



- ▶ “Ready to Use” system.
- ▶ No protection measures required for use.
- ▶ Indexable and maintains its shape during the treatment cycle.
- ▶ Adaptable to the patient during hardening or shrinking process.
- ▶ Completely radiotransparent.
- ▶ No special measures required for disposal.



# TOTIM

## Instructions for Use

The "closed cell" system: **TOTIM** is based on a physical reaction, which requires that the polyurethane cells (in the plastic or semi-rigid phase) are not interrupted. If pressure is applied to the cells during this phase, they may break affecting the homogeneity of the final mold and the rigidity of the system.

During use and molding of the TOTIM cushion, it is essential to follow the instructions to obtain the desired firmness and homogeneous results. This way, it adapts to the patient without molding the product which may cause cell breakage.

- 1** **Open the packaging:** Place TOTIM on a hard, flat surface and locate the **"SIDE UP"** label on the cushion.

- 2** **Locate the interior bag with two pouches (A and B).** Apply firm pressure with the hands on one of the pouches in the **direction of the opposite pouch**, this breaks the safety seal between them.



- 3** **With one hand on each pouch, Vigorously mix the contents for 30 seconds** until you feel warmth emanating and an increase in volume can be observed. Once it is completely filled, wait for the bag to break ("POP") by itself and pour the foam into the cushion, remove any residual foam from the pouches and spreading it evenly throughout cushion.



- 4** **Wait 30/40 seconds** and once the foam is evenly distributed throughout the cushion, place the body or the region of the patient on it. **They must be positioned in the centre**, so the foam spreads in a uniform manner.



- 5** **Apply light pressure with the hands**, using the arms (see image), to create an improved imprint on the cushion. **Pressure should be maintained constantly for 10/20 seconds**, to allow for the adequate shaping of the cells in around 3 minutes.



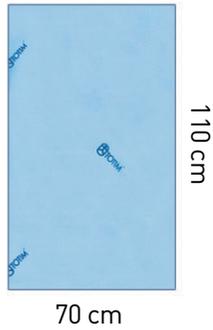
- 6** **After 3 minutes the mold will be sufficiently rigid to use in the simulation CT.** Once the simulation has been completed, leave the cushion on a hard, flat surface for the hardening process. **TOTIM remains rigid during the complete treatment process until disposal.**



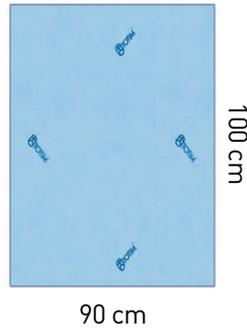
# TOTIM

## Available Models

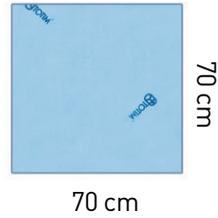
T3001/L Body



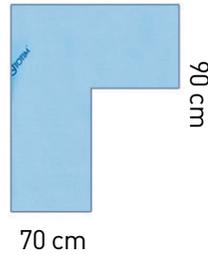
T3001/XL Body



T3002 Pelvis y Thorax



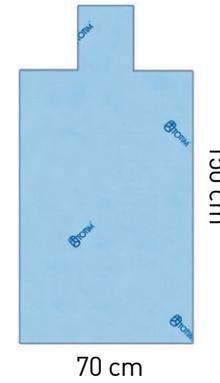
T3003 Arm



T3009 Total Body



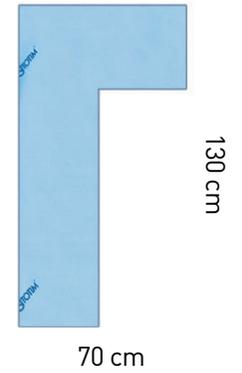
T3008 Craniospinal Axis



T3006 Extremities

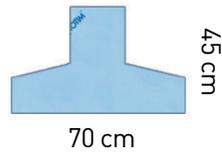


T3004 Leg

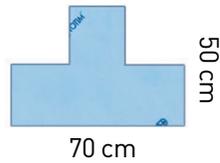


## Head, Neck & Shoulders

T3005/S Shoulders



T3005/M Shoulders



T3010/XS Neck



T3010/S Neck



T3010/M Neck

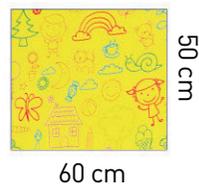


## Paediatric

T3001/P Body



T3002/P Pelvis & Thorax



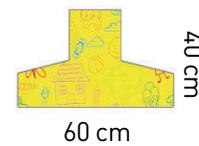
T3006/P Extremities



T3007/P Craniospinal



T3015/P Shoulders



T3010/XSP Neck



T3010/MP Neck



## Paediatric Head & Neck

# Portable Vacuum Pump

## Pump for Radiotherapy Services

This portable vacuum pump has two functions (vacuum and pressure). Its compact dimensions and weight (3 kg) as well as its dry load (oil-free), makes this ideal for radiotherapy services.



|   |                       |                  |                    |
|---|-----------------------|------------------|--------------------|
| Maximum pressure                            | 33 psig               | Max. fill        | 21.6 in.Hg         |
| Voltage                                     | 230 V                 | Electricity      | 230 V 50 Hz 1 Ph2. |
| Dimensions<br>(llongitude x width x height) | 19,4 x 11,4 x 19,1 cm | Type of plug     | European           |
| Type of Pump                                | Dry                   | Air displacement | 11 L/min. at 60Hz  |

# Vacuum Cushions

## Tough & Easy to Clean

The vacuum cushions are manufactured from high-performance nylon, and are tough and easy to clean. Different versions are available, in indexable and non-indexable models, incorporating a posterior side with 1, 2 or 3 anchoring systems for indexing bars according to the cushion dimensions.

The **“One-Click”** valves remains fixed to the vacuum cushion’s air valve, so that the user can carry out other tasks while the cushion is being filled.

- ▶ Easy to clean.
- ▶ Tough.
- ▶ Radiotransparents.
- ▶ Indexables or non-indexables according to needs.
- ▶ “One-Click” valve.



### Indexable Vacuum Cushions:

| Ref. product          | Cm.    | Specifications       |
|-----------------------|--------|----------------------|
| AG1001007.1-50X50IND  | 50x50  | Immob. extremities   |
| AG1001007.1-70X70IND  | 70x70  | Immob. pelvis&thorax |
| AG1001007.1-70x100IND | 70x100 | Immob. pelvis&thorax |
| AG1001007.1-70x150IND | 70x150 | Immob. full body     |
| AG1001007.1-70x200IND | 70x200 | Immob. full body     |
| AG1001007.1-65X55IND  | 65x55  | Immob. breast&thorax |

### Non-indexable Vacuum Cushions:

| Ref. product       | Cm.    | Specifications       |
|--------------------|--------|----------------------|
| AG1001007.1-50X50  | 50x50  | Immob. extremities   |
| AG1001007.1-70X70  | 70x70  | Immob. pelvis&thorax |
| AG1001007.1-70x100 | 70x100 | Immob. pelvis&thorax |
| AG1001007.1-70x150 | 70x150 | Immob. full body     |
| AG1001007.1-70x200 | 70x200 | Immob. full body     |

# Patient Marking

SKIN MARKING & FIDUCIARY MARKERS

## Suremark

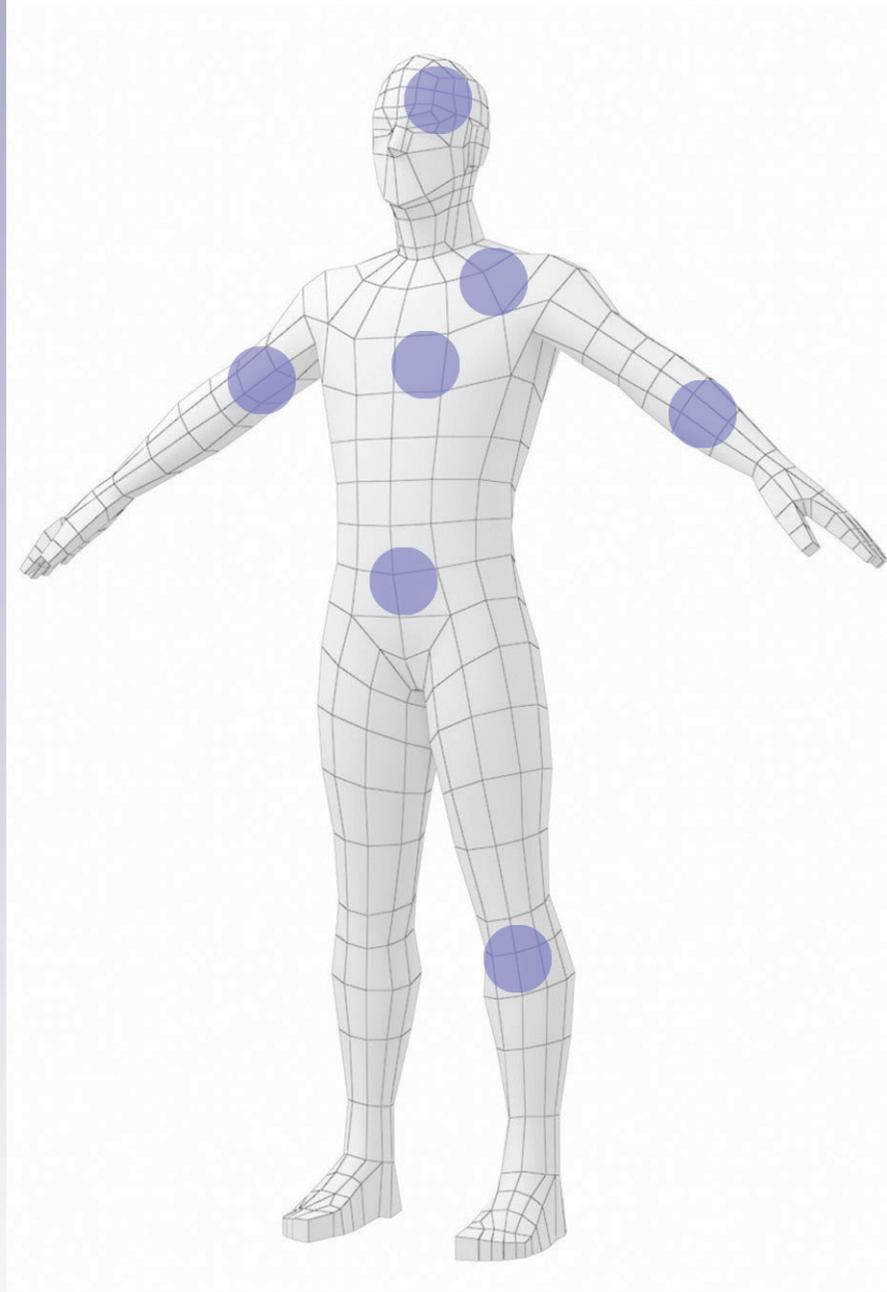
Precise Skin Marking

## Fiduciary Markers

Mick™ Gold Fiduciary Marker

## RADSAFE® Ink

RADSAFE® Sterile Tattoo Ink



# Suremark

## Precise Skin Marking

### Suremark labels

Suremark are one of the most popular and versatile adhesive markers. A small tab ensures easy removal. Available in different sizes according to size of the ball.



| Reference | Description                         | Quantity    |
|-----------|-------------------------------------|-------------|
| SL-10     | Ball 1 mm of adhesive label 15 mm   | 110 per box |
| SL-15     | Ball 1.5 mm of adhesive label 15 mm | 110 per box |
| SL-20     | Ball 2 mm of adhesive label 15 mm   | 110 per box |

### Suremark Tabs

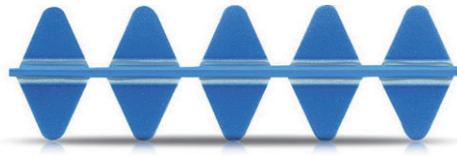
Suremark tabs are designed to maintain all the characteristics of Suremark Labels with the added benefit of a strip for prominent injuries which adapts to the skin. Available in different sizes, according to the size of the ball.



| Reference | Description                         | Quantity    |
|-----------|-------------------------------------|-------------|
| SL-15T    | Ball 1.5 mm of adhesive label 35 mm | 110 per box |
| SL-20T    | Ball 2 mm of adhesive label 35 mm   | 110 per box |
| SL-25T    | Ball 2.5 mm of adhesive label 35 mm | 110 per box |

### Suremark Wire

The most popular adhesive wire-shaped marker from Suremark. Ideal for marking long injuries or scars. Available in different sizes, according to the wire diameter.



| Refer. | Description                                   | Quantity       |
|--------|---|----------------|
| SL-W3  | 0.3 mm Ø Diamond-shaped adhesive covered wire | 336 cm per box |
| SL-W8  | 0.8 mm Ø Diamond-shaped adhesive covered wire | 336 cm per box |
| SL-W15 | 1.5 mm Ø Diamond-shaped adhesive covered wire | 336 cm per box |

### Suremark Visionmark

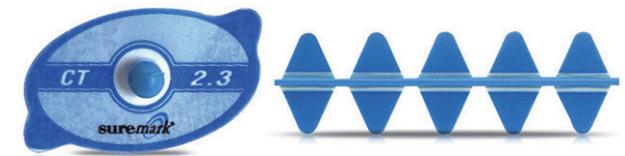
Specially formulated as a non-metallic marker, it allows for precision in various applications. Available in different shapes, according to the ball.



| Reference | Description                   | Quantity    |
|-----------|-------------------------------|-------------|
| V-20      | Ball 2.0 mm of adhesive label | 110 per box |
| V-25      | Ball 2.5 mm of adhesive label | 110 per box |
| V-30      | Ball 3 mm of adhesive label   | 50 per box  |

### Suremark CT Mark

This adhesive marker is manufactured from nonmetallic materials, the result of years of research. The mark generates few artefacts and is perfect for nearly all CT marking applications. Available in different shapes, according to the size of the ball or wire diameter.



| Refer. | Description                                 | Quantity       |
|--------|---|----------------|
| CT-23  | Ball 2.3 mm of adhesive label               | 110 per box    |
| CT-W10 | 1 mm Ø Diamond-shaped adhesive covered wire | 336 cm per box |
| CT-W20 | 2 mm Ø Diamond-shaped adhesive covered wire | 336 cm per box |

### Suremark PortalMark Labels

Instead of permanent or temporal tattoos, Suremark have developed PortalMark™ adhesive markers made from breathable, water-resistant materials that stay on the skin up to two weeks without peeling off.



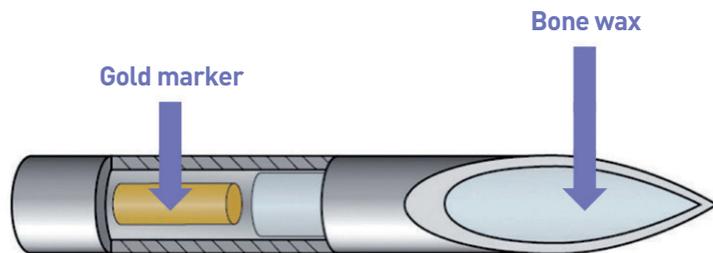
| Reference | Description                       | Quantity          |
|-----------|-----------------------------------|-------------------|
| PM-150    | Isocentre Markers and field lines | 50 sheets per box |
| PM-325    | Adhesive Isocentre Markers        | 110 per box       |

# Fiduciary Markers

## Mick™ Gold Fiduciary Marker

Gold markers are used to optimize target visualization during external beam radiation therapy and brachytherapy procedures. Their placement in soft tissue or organs prior to therapeutic treatments help to provide for clearer identification of anatomic regions around a target treatment site. As a result, their use may aid in better dosimetric coverage of the target site.

The Gold Fiduciary Markers are available in 3.0 mm and 5.0 mm lengths as well as in 1.2 mm and 1.0 mm diameter. Accordingly, they come in 17G or 18G needles. All markers are cast from solid gold and provide visualization under fluoroscopy, X-ray, CT, MRI, ultrasound and other imaging modalities.



Gold Fiduciary Markers are each individually preloaded in a pre-waxed needle

### Main Characteristics:

- ▶ **Preloaded needle: 17G or 18 G.**
- ▶ **Different diameters: 1.0 mm o 1.2 mm.**
- ▶ **Different lengths: 3.0 mm o 5.0 mm.**



### Mick® Gold Fiduciary Markers Sizes and units per pack

| Reference | Needle      | Size         | Pack            |
|-----------|-------------|--------------|-----------------|
| 1421-0303 | 17G x 20 cm | 1.2 x 3.0 mm | Individual Pack |
| 1421-0304 | 17G x 20 cm | 1.2 x 3.0 mm | set of 3        |
| 1421-0305 | 17G x 20 cm | 1.2 x 5.0 mm | Individual Pack |
| 1421-0306 | 17G x 20 cm | 1.2 x 5.0 mm | set of 3        |
| 1421-0307 | 18G x 20 cm | 1.0 x 3.0 mm | Individual Pack |
| 1421-0308 | 18G x 20 cm | 1.0 x 3.0 mm | set of 3        |
| 1421-0309 | 18G x 20 cm | 1.0 x 5.0 mm | Individual Pack |
| 1421-0310 | 18G x 20 cm | 1.0 x 5.0 mm | set of 3        |

### Eckert & Ziegler BEBIG Gold Fiduciary Markers Sizes and units per pack

| Reference | Needle      | Size         | Pack            |
|-----------|-------------|--------------|-----------------|
| 1451-0303 | 17G x 20 cm | 1.2 x 3.0 mm | Individual Pack |
| 1451-0304 | 17G x 20 cm | 1.2 x 3.0 mm | set of 3        |
| 1451-0305 | 17G x 20 cm | 1.2 x 5.0 mm | Individual Pack |
| 1451-0306 | 17G x 20 cm | 1.2 x 5.0 mm | set of 3        |
| 1451-0307 | 18G x 20 cm | 1.0 x 3.0 mm | Individual Pack |
| 1451-0308 | 18G x 20 cm | 1.0 x 3.0 mm | set of 3        |
| 1451-0309 | 18G x 20 cm | 1.0 x 5.0 mm | Individual Pack |
| 1451-0310 | 18G x 20 cm | 1.0 x 5.0 mm | set of 3        |

# Fiduciary Markers

## Special Fiduciary Markers Formats

### FlexiMarc™

The FlexiMarc line combines 99.99% pure and biocompatible Golden nodes with a longitude of 3 mm. The marker has 2 or 3 nodes with a diameter of 0.9 or 1.2 mm separated by a width of 10 or 20 mm from centre to centre. This unique format provides excellent attachment of the marker to soft tissue, greatly reducing migration. FlexiMarc comes in a sterilised preloaded in an 17 GA or 18 GA needle with a length of 20 cm. Each marker has clearly visible points.



### FlexiMarc G/T™

The FlexiMarc G/T line combines 99.99% pure medical-grade biocompatible Titanium nodes 3 mm in length. This marker has 2 nodes with a diameter of 1 or 1.2 mm separated by 10 or 20 mm from centre to centre. Its shape allows for excellent attachment of the marker to soft tissue, significantly reducing the probability of migration. FlexiMarc G/T comes in 17 GA or 18 GA sterilised preloaded needles 20 in length. Each marker has 2 clearly visible individual points.



### FlexiCoil™

The FlexiCoil line combines a 99.99% pure, biocompatible golden coil with nodes 2 mm in length. On either end, there are two clearly defined points. The nodes have a diameter of 0.9 or 1.2 mm separated by 10 or 20 mm from end to end. Each marker is preloaded in a sterilised 17 GA or 18 GA needle 20 cm in length.



## Recommended uses according to the area



Breast



Lung



Abdomen



Prostate

| Reference            | Needle/Cartridge     | Characteristics                        | Nodes | Pack | Localization |
|----------------------|----------------------|--|-------|------|--------------|
| CR-FM0910.2.10.1820N | 18 GA x 20 cm Needle | 0.9 Ø x 10 mm separation (13 mm total) | 2     | 1    |              |
| CR-FM0910.3.10.1820N | 18 GA x 20 cm Needle | 0.9 Ø x 10 mm separation (23 mm total) | 3     | 1    |              |
| CR-FM1210.2.10.1720N | 17 GA x 20 cm Needle | 1.2 Ø x 10 mm separation (13 mm total) | 2     | 1    |              |
| CR-FM1210.3.10.1720N | 17 GA x 20 cm Needle | 1.2 Ø x 10 mm separation (23 mm total) | 3     | 1    |              |

| Reference              | Needle/Cartridge     | Characteristics                        | Nodes | Pack | Localization |
|------------------------|----------------------|--|-------|------|--------------|
| CR-FMGT110.2.10.1820N  | 18 GA x 20 cm Needle | 1.0 Ø x 10 mm separation (14 mm total) | 2     | 1    |              |
| CR-FMGT110.2.20.1820N  | 18 GA x 20 cm Needle | 1.0 Ø x 20 mm separation (24 mm total) | 2     | 1    |              |
| CR-FMGT1210.2.10.1720N | 17 GA x 20 cm Needle | 1.2 Ø x 10 mm separation (14 mm total) | 2     | 1    |              |
| CR-FMGT1210.2.20.1720N | 17 GA x 20 cm Needle | 1.2 Ø x 20 mm separation (24 mm total) | 2     | 1    |              |

| Reference            | Needle/Cartridge     | Characteristics                        | Nodes | Pack | Localization |
|----------------------|----------------------|--|-------|------|--------------|
| CR-FM0910.2.10.1820N | 18 GA x 20 cm Needle | 0.9 Ø x 10 mm separation (13 mm total) | 2     | 1    |              |
| CR-FM0910.2.20.1820N | 18 GA x 20 cm Needle | 0.9 Ø x 10 mm separation (23 mm total) | 2     | 1    |              |
| CR-FM1210.2.10.1720N | 17 GA x 20 cm Needle | 1.2 Ø x 10 mm separation (13 mm total) | 2     | 1    |              |
| CR-FM1210.2.20.1720N | 17 GA x 20 cm Needle | 1.2 Ø x 10 mm separation (23 mm total) | 2     | 1    |              |

## PointCoil™

The PointCoil line combines a 99.99% pure biocompatible golden coil with a node 4 mm in length with a clearly defined individual point. The node is 0.8 mm in diameter integrated into the Golden spiral, the marker is 5 mm in length and is delivered in a sterilised cartridge.



| Reference     | Needle/Cartridge | Characteristics     | Nodes | Pack | Localization  |
|---------------|------------------|---------------------|-------|------|---|
| CR-PC085.185C | Cartridge        | 0.8 Ø x 5.0 mm long | 1     | 1    |    |

## PolyMark™

PolyMark represents the latest technology in implant markers. Made of the biocompatible polymer PEEK-Optima, which does not generate artefacts in CT, is visible in Magnetic Resonance and can be easily detected by the majority of KV Imaging based IGRT systems. Each marker is 3 or 5 mm in length with a diameter of 0.8 or 10 mm and is available in a preloaded, 18 GA sterile needle 20 cm in length, or in a sterile cartridge.



| Reference     | Needle/Cartridge     | Characteristics     | Nodes | Pack | Localization  |
|---------------|----------------------|---------------------|-------|------|---|
| CR-PM083      | Polymer Marker       | 0.8 Ø x 3.0 mm long | 1     | 4    |    |
| CR-PM13.1820N | 18 GA x 20 cm Needle | 1.0 Ø x 3.0 mm long | 1     | 1    |    |
| CR-PM15.1820N | 18 GA x 20 cm Needle | 1.0 Ø x 5.0 mm long | 1     | 1    |    |

## FusionCoil™

FusionCoil markers are the only ones that combine biocompatible materials, optimised for detection in CT and MR Imaging systems. The marker is 1 mm in diameter, with variable length of 5, 10 or 20 mm and is available in a preloaded needle or sterile cartridge.



| Reference           | Needle/Cartridge     | Characteristics                                     | Nodes | Pack | Localization  |
|---------------------|----------------------|---|-------|------|---|
| CR-FUC15.1820N      | 18 GA x 20 cm Needle | 1.0 Ø x 5.0 mm long                                 | 1     | 1    |    |
| CR-FUC110.1820N     | 18 GA x 20 cm Needle | 1.0 Ø x 10 mm long                                  | 1     | 1    |    |
| CR-FUC120.1820N     | 18 GA x 20 cm Needle | 1.0 Ø x 20 mm long                                  | 1     | 1    |     |
| CR-FUC120.185C      | Cartridge            | 1.0 Ø x 20 mm long                                  | 1     | 1    |     |
| CR-FUC15.2.15.1820N | 18 GA x 20 cm Needle | 1.0 Ø x 5.0 mm long<br>(15 mm bioabsorbable spacer) | 2     | 1    |     |

## Ciberknife Markers Pairs

This pair of markers are 0.8 mm in diameter and have a length of 3 or 5 with a separation of 17, 20 or 25 cm from the centre of each node. These markers are available in sterile preloaded 18 GA needles 20 cm in length:



| Reference            | Needle/Cartridge     | Characteristics     | Nodes | Pack | Localization  |
|----------------------|----------------------|---------------------|-------|------|---|
| RV-CM083.2.17.1820N  | 18 GA x 20 cm Needle | 0.8 Ø x 3.0 mm long | 2     | 1    |   |
| RV-CM083.2.20.1820N  | 18 GA x 20 cm Needle | 0.8 Ø x 3.0 mm long | 2     | 1    |   |
| RV-CM083.2.25.1820N  | 18 GA x 20 cm Needle | 0.8 Ø x 3.0 mm long | 2     | 1    |   |
| RV-CM085.2.17.1820N  | 18 GA x 20 cm Needle | 0.8 Ø x 5.0 mm long | 2     | 1    |   |
| RV-CM085.2.20.1820N  | 18 GA x 20 cm Needle | 0.8 Ø x 5.0 mm long | 2     | 1    |   |
| RV-CM0850.2.25.1820N | 18 GA x 20 cm Needle | 0.8 Ø x 5.0 mm long | 2     | 1    |   |

- ▶ **Made from biocompatible and bioabsorbable materials.**
- ▶ **Siliconised for easy insertion.**
- ▶ **Polished mirror to facilitate placement.**

# RADSAFE® Ink

## RADSAFE® Sterile Tattoo Ink

This product contains permanent ink, sterile, hypoallergenic and non-toxic. The ink cartridge is sealed and radiated with gamma radiation of 25 Gy to guarantee sterility and offer improved quality and patient care. It is class II b medical device.

The cartridge is designed for easy handling and standardisation of tattoo methods. The ink flow is easy to adjust to avoid spilling or dispersing.

The ink does not turn blue with the passage of time, on the contrary, the colour fades. It can be applied directly to the zone or through the cup and lancet provided in the kit.

### Main Characteristics:

- ▶ Sterile, non-toxic and hypoallergenic.
- ▶ Ready and easy to use.
- ▶ Available colours: white, black, red, green.
- ▶ Composition available for patients with allergies.
- ▶ Allows for standardisation of the tattoo process.



### Available Formats

| Product           | Reference    | Characteristics                          | Presentation |
|-------------------|--------------|--|--------------|
| Radsafe Black Kit | AG10040121.N | Kit (monodose dispenser, lancet and cup) | 50 kits/bag  |
| Radsafe Black Ink | AG10040122.N | Monodose dispenser                       | 100 pcs/bag  |
| Radsafe White Kit | AG10040121.B | Kit (monodose dispenser, lancet and cup) | 50 kits/bag  |
| Radsafe White Ink | AG10040122.B | Monodose dispenser                       | 100 pcs/bag  |



RadSafe Black Kit



Radsafe Black Monodose



Radsafe White Kit

# Laser Systems

## VERIFICATION LASER SYSTEMS

### **Maxx-606**

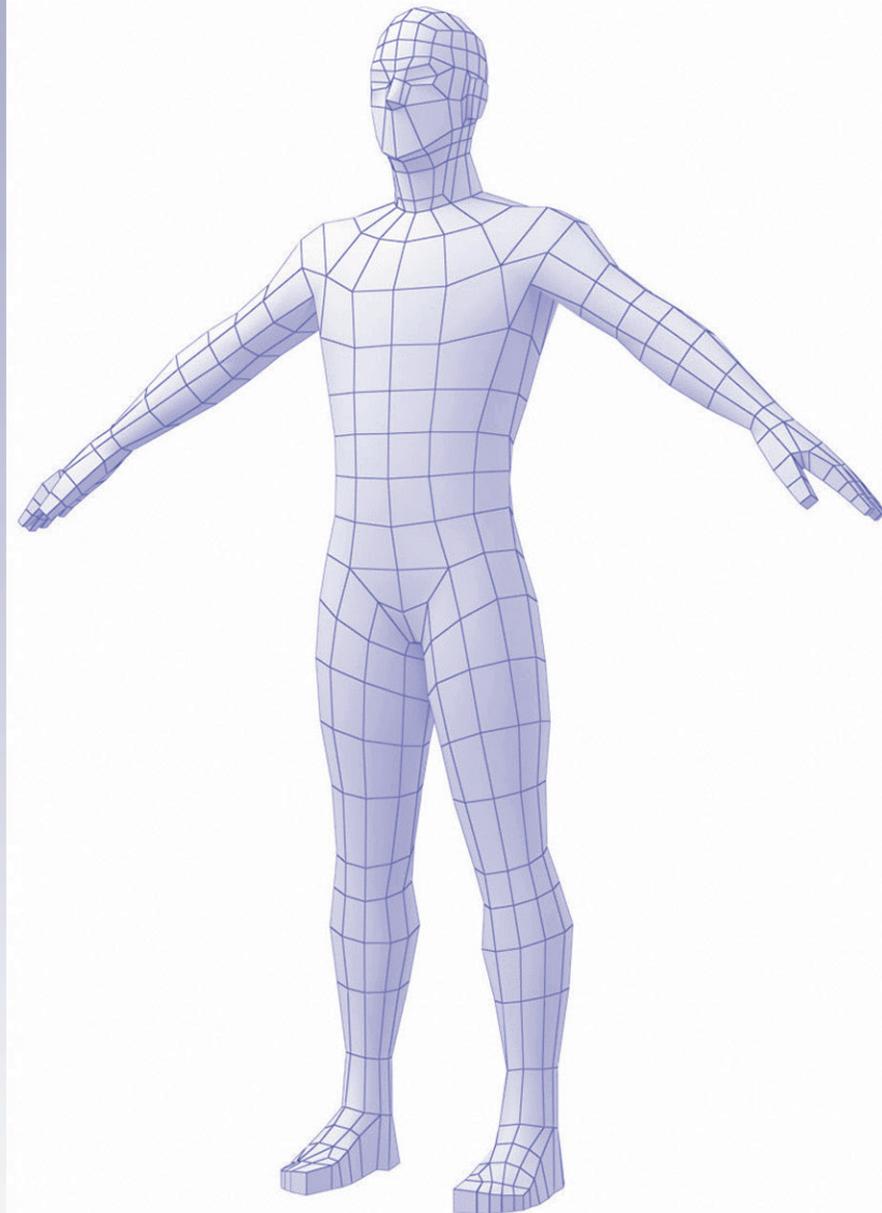
**Manual Laser System**

### **Maxx-700**

**Automatic and Auto-calibrated Laser System**

### **Maxx-1100**

**Mobile and Auto-calibrated Laser System**



# Maxx-606

## Manual Laser System

The Maxx-606 is a manual patient positioning system based on the original CL- 606 manufactured by the Canadian Company, Cemar Electro Inc. The evolution of this system lead to the development of the Maxx-606 designed specifically for use in hospital environments, as a more economical option including the most advanced laser technology.

This user-friendly system is robust, with minimal maintenance, the modular laser diodes can be substituted by the user without the need to retract the unit.

The Maxx-606 laser colours are available in red, blue or green, according to the user's needs.



### Characteristics:

- ▶ Manual adjustment.
- ▶ Movement on 4 axes.
- ▶ Rotation of laser grid: 15° +/- 7.5°.
- ▶ Focus adjustment: from 0.5 m - 6 m.
- ▶ Available colours: red, green, blue.

# Maxx-700

## Automatic and Auto-calibrated Laser System

The Maxx 700 is one of the most technologically advanced patient positioning systems on the market. Its design combines functionality and ease of installation in one of the most user-friendly systems in terms of control and maintenance.

Operated with the Zigbee protocol, the remote control does not interfere with any Wireless hospital systems and offers a universal control system based on symbols, reducing training time.

Daily verification is a simple, time-saving, one-step process, Maxx-700 is fitted with an automatic alignment verification system.

The Maxx-700 laser available in red, blue, or green, according to the user's needs.



### Characteristics:

- ▶ Automatic adjustment | auto-calibrated.
- ▶ Movement on 4 axes.
- ▶ Rotation of the laser grid: 15° +/- 7.5°.
- ▶ Focus adjustment: from 0.5 m - 6 m.
- ▶ Available colours: red, green, blue.



# Maxx-1100

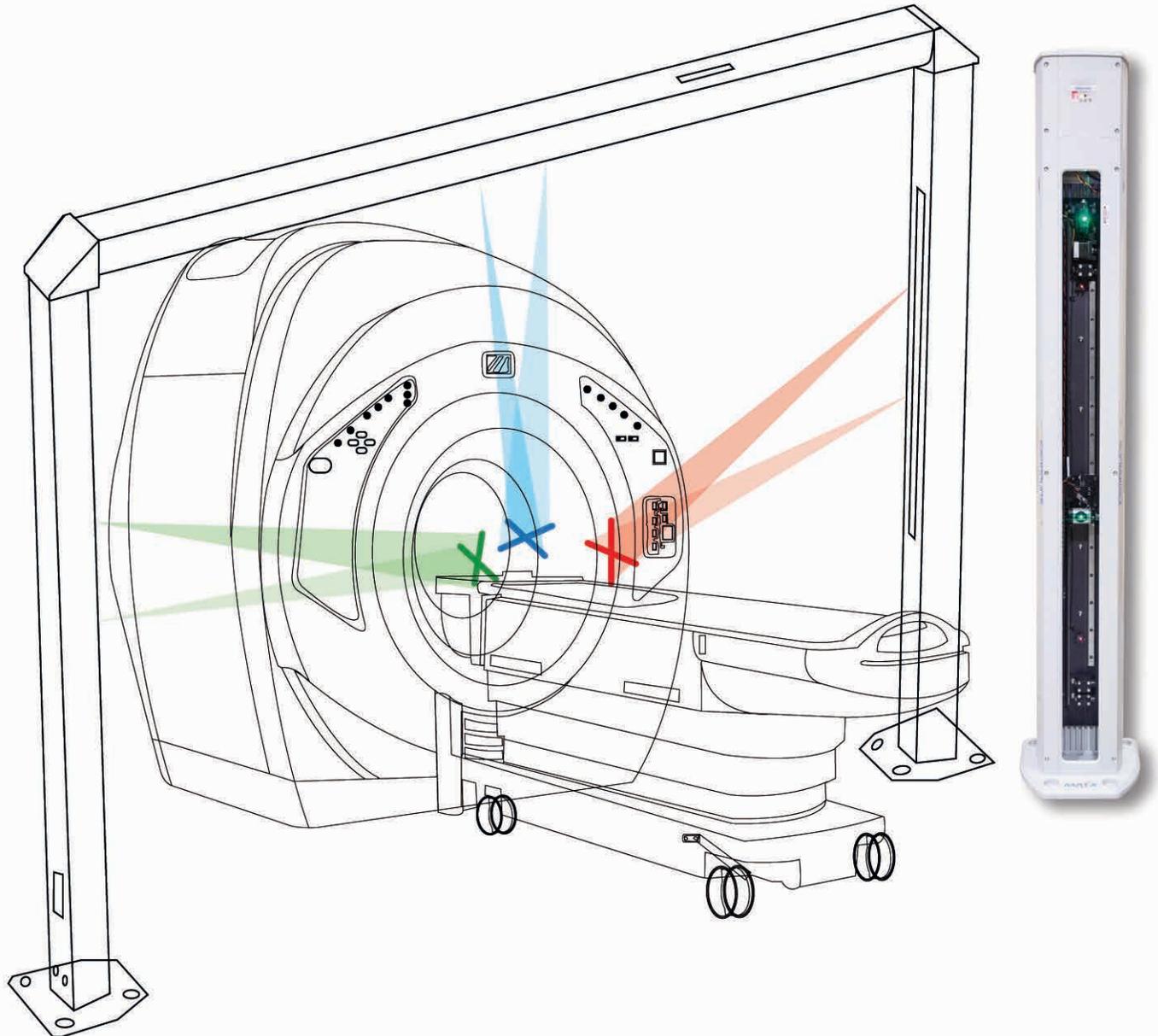
## Mobile & Auto-calibrated Laser System

The Maxx-1100 series offers one of the most precise movement systems in the market. The control interface is based on DICOM and is compatible with the majority of CTs currently on the market.

The system is available with stand tubes or as a complete set enclosed within the portal frame system. The colours (red, blue and green) are interchangeable and the modular laser diodes can be substituted by the user without the need to retract the unit.

### Characteristics:

- ▶ Based on the Windows system.
- ▶ DICOM 3.0 RT.
- ▶ Wireless Ethernet and Zigbee communication.
- ▶ Remote control based on symbols.
- ▶ Precision +/- 0.2 mm.
- ▶ Range +/- 300 mm.
- ▶ Wavelength:
  - Red 635 nm.
  - Green 530 nm.
  - Blue 450 nm.



# Accessories and Miscellaneous

## ACCESSORIES FOR TREATMENTS

### **Superflab Bolus**

Designed for optimal dosage distribution with Photons and Electrons

### **Elastogel Bolus**

Auto-adhesive Bolus

### **Silverman Headrest**

PVC Headrest

### **Blue Series Headrest**

Rigid Foam Headrest

### **Prone Headrest**

Rigid Foam Prone Positioning Headrest

### **PronPillo Pillow**

Prone Positioning Anatomical Pillow

### **Trident Oral Bite**

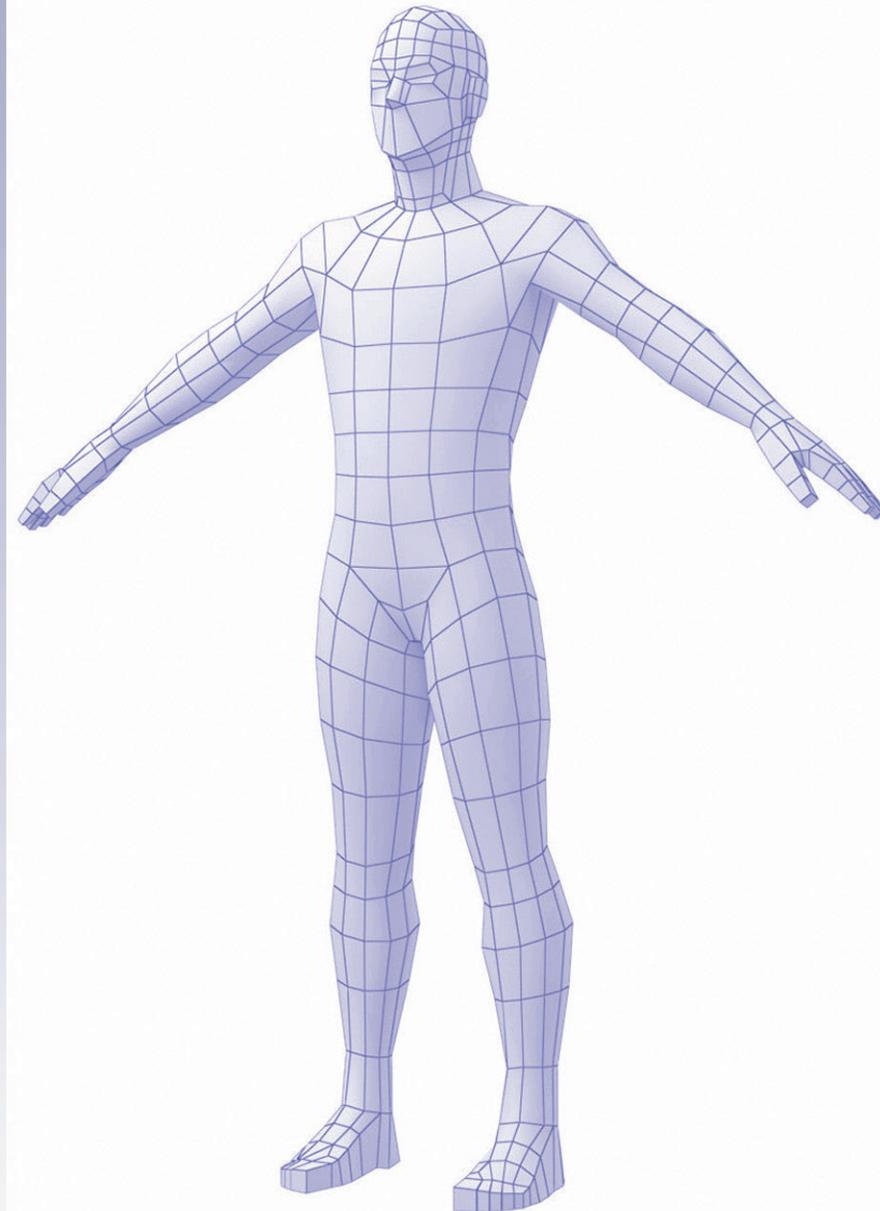
Bite Block for Immobilisation

### **Indexing Bars**

Fixation Devices

### **eXaCast Ovens**

Convection Oven Systems



## Superflab Bolus

Designed for optimal dosage distribution with Photons and Electrons



Superflab increases the dosage delivered during photon and electron treatment, encouraging the spread of the beam and the accumulation of the radiation dosage on the skin's surface. The unique material was designed to completely adapt to a wide range of irregular surface geometries, eliminating air spaces and optimizing the absorption of the dose.

The dosimetry management properties of the Superflab material has been widely proven. Furthermore, its capacity to maintain its physical properties and resistance enables it to be used during the full treatment cycle without the need to replace it.

## ElastoGel Bolus

Auto-adhesive Bolus



The ElastoGel Bolus is easy to apply, its adhesive properties allow for its use for any contours of the human body, obtaining successful results in distribution of the dose.

The ElastoGel bolus is available in two thicknesses (0.6|1.25 cm) and in different sizes to adapt to the needs of each clinical situation.

## Silverman Headrest

PVC Headrest



This product is compatible with the majority of immobilisation systems for the head and head and shoulders currently on the market.

### Main Characteristics:

- ▶ **Manufactured in high-performance, transparent radiotransparent PVC.**
- ▶ **Can be cleaned with water, alcohol or non-abrasive antiseptic cleaning fluids.**
- ▶ **Different heights and contours provide the necessary versatility to achieve the desired angulation of the head.**
- ▶ **Each model is codified with a letter (A~F) for easy identification during daily use.**

## Blue Series Headrest

### Rigid Foam Headrest



This product is the improved version of the classic TIMO headrest. With surfaces that are smooth to the touch and a more rounded form, it produces topical images without sacrificing functionality.

#### Main Characteristics:

- ▶ Made of rigid polyurethane foam polyurethane covered in integral skin foam, fusing comfort, strength, durability and radiotransparency.
- ▶ The different heights and contours allow for the versatility necessary to achieve the desired angulation of the patient's head.
- ▶ Can be cleaned with, alcohol or non-abrasive cleaning fluids.
- ▶ Each model is codified with a letter (A ~ F) for easy identification during daily use.

## Prone Headrest

### Rigid Foam Prone Positioning Headrest



This product is designed for prone positioning of the patient, offering comfortable support for the chin and forehead. Adaptable to any standard immobilisation system for the head and head & shoulders with the use of specific adaptors.

#### Main Characteristics:

- ▶ Made of rigid polyurethane foam polyurethane covered in integral skin foam.
- ▶ Combines comfort, strength, durability and radiotransparency.
- ▶ Can be cleaned with water, alcohol or non-abrasive cleaning fluids.
- ▶ Available in two models to better adapt to each patient.

## PronPillo Pillow

### Prone Positioning Anatomical Pillow



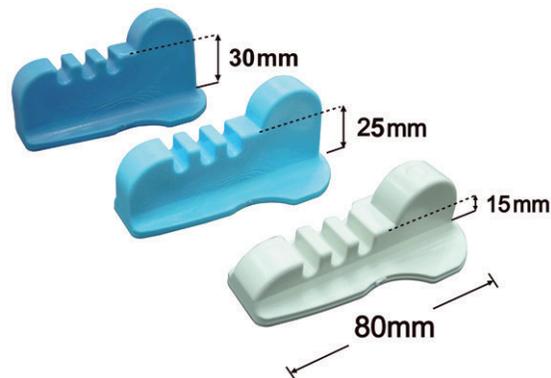
This product is designed for the prone positioning of patients, offering comfort and support for the arms and face. PronPillo can be combined with other prone positioning devices such as the eXaProne.

#### Main Characteristics:

- ▶ Made of rigid polyurethane foam polyurethane covered in integral skin foam.
- ▶ Combines comfort, strength, durability and radiotransparency.
- ▶ Can be cleaned with water, alcohol or non-abrasive cleaning fluids.
- ▶ Compatible with open prone positioning systems or without arm and head support.

## Trident Oral Bite

### Bite Block for Immobilisation



The Trident Oral Bite is available in three different sizes adapted to dental pieces (incisors) to facilitate jaw positioning. The system also displaces the tongue and creates a canal, allowing the patient to breathe freely.

#### Available Formats:

- ▶ Ref: BBCTOB1: W:40 x L:80 x H:15.
- ▶ Ref: BBCTOB2: W:40 x L:80 x H:25.
- ▶ Ref: BBCTOB3: W:40 x L:80 x H:30.

## Indexing Barrs

### Fixation Devices



AnatGe offers a wide range of indexing bars manufactured in carbon fibre and adapted to each treatment table or CT, according to the manufacturer specifications:

- ▶ ELEKTA.
- ▶ VARIAN.
- ▶ SIEMENS.
- ▶ TOSHIBA.
- ▶ PHILIPS.
- ▶ GENERAL ELECTRIC.

## eXaCast Oven EX-421

### Convection Oven Systems



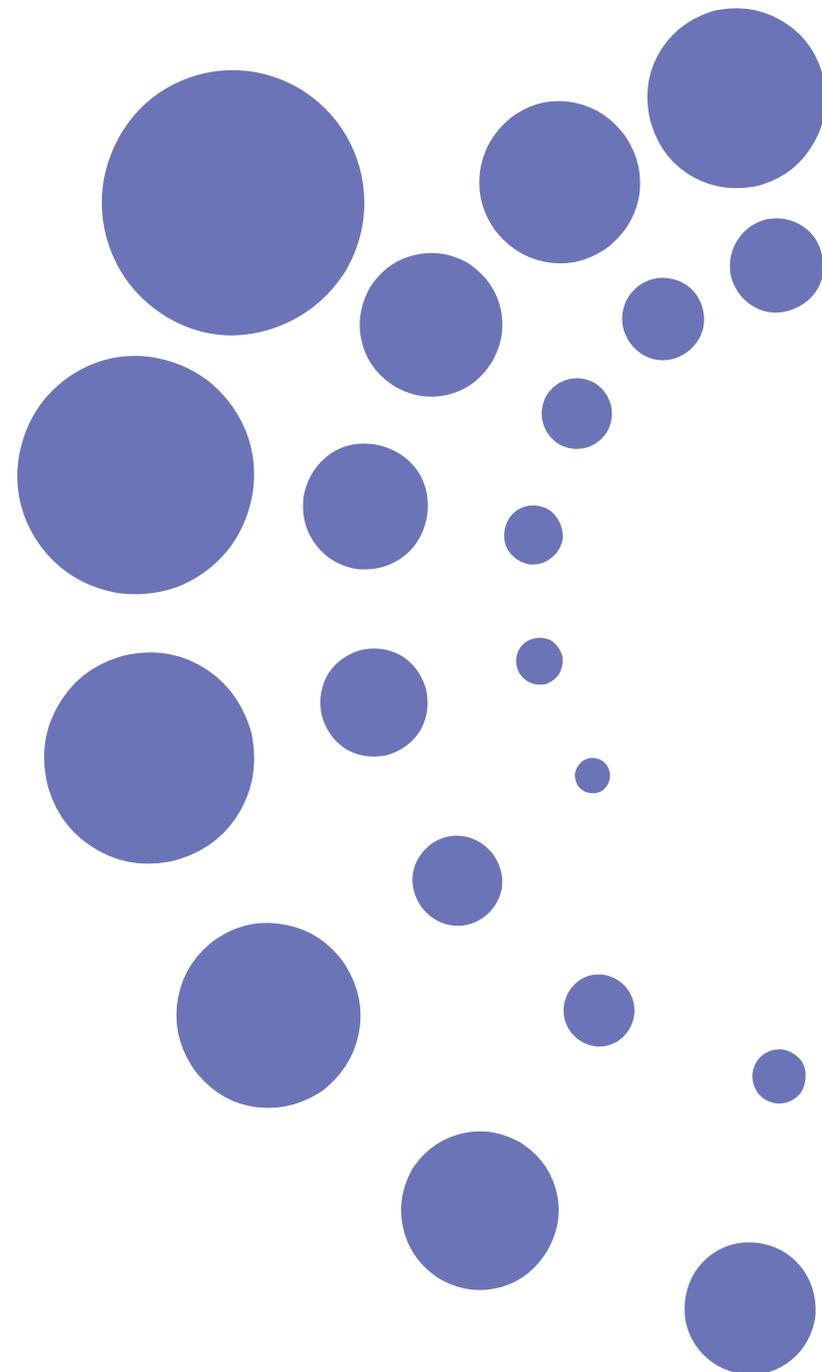
AnatGe's offers a range of analogue and digital of convection ovens. These models are industrial ovens with compact dimensions and easy installation.

These ovens are especially robust and requires hardly any maintenance. The technology offers a homogenous distribution of heat in its interior, whilst maintaining a cool temperature on its surfaces and external glass.

#### Main Characteristics:

- ▶ No installation and minimal maintenance.
- ▶ Single phase electrical supply.
- ▶ Tray size: up to 400 x 600 mm.
- ▶ Two double glazed doors.
- ▶ Interior light.





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