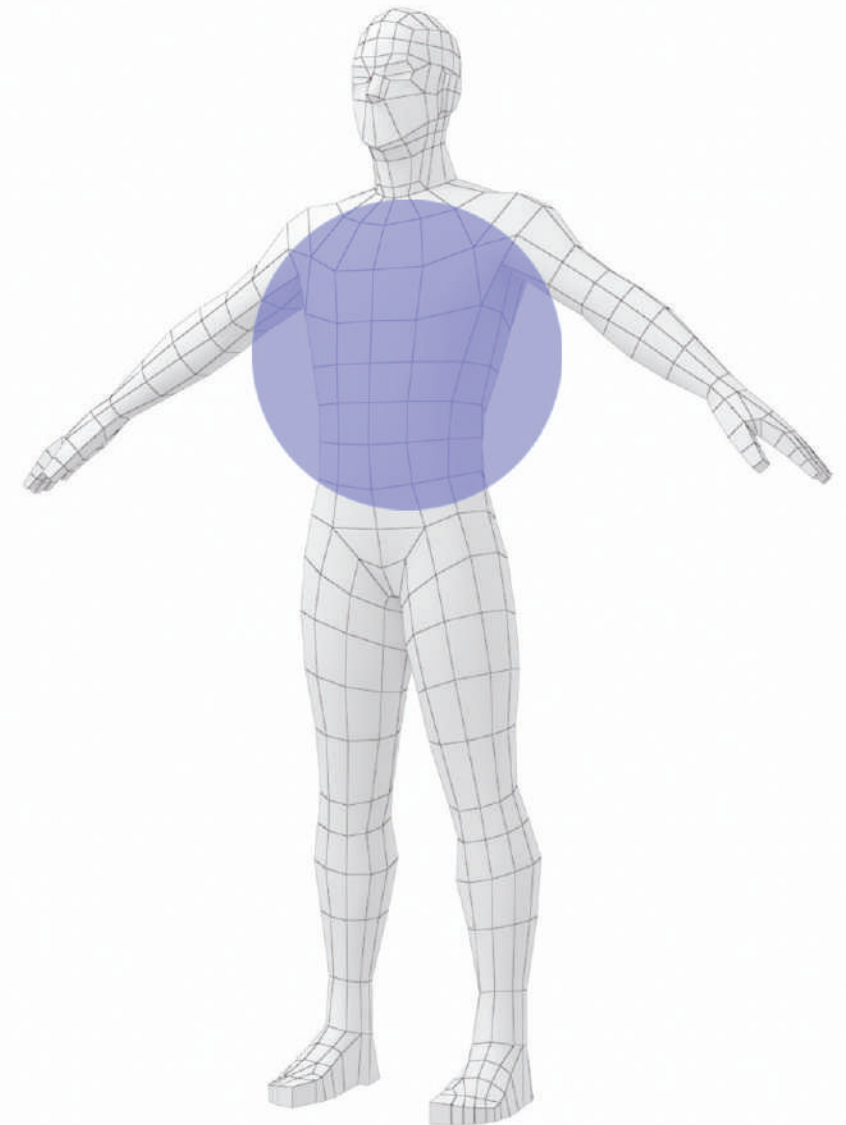
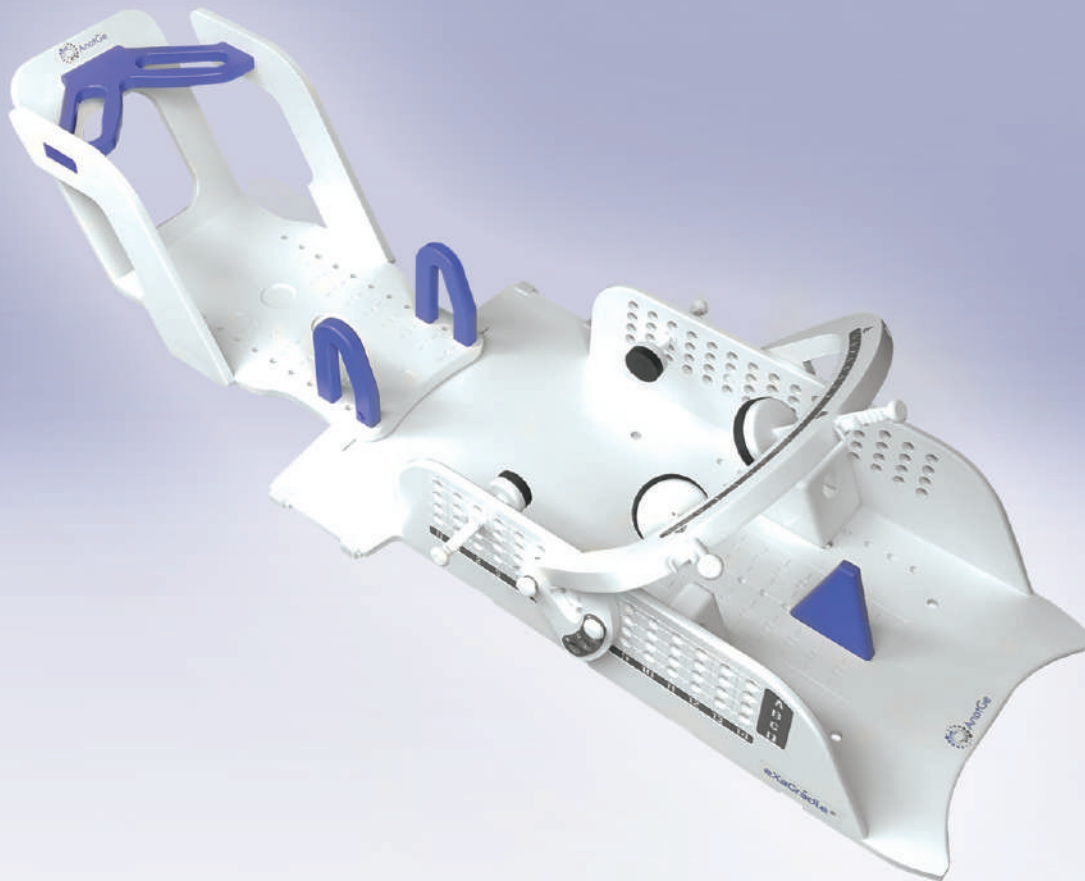


Stereotactic Body Radiation Therapy

THORAX AND ABDOMEN STEREOTAXY

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:**

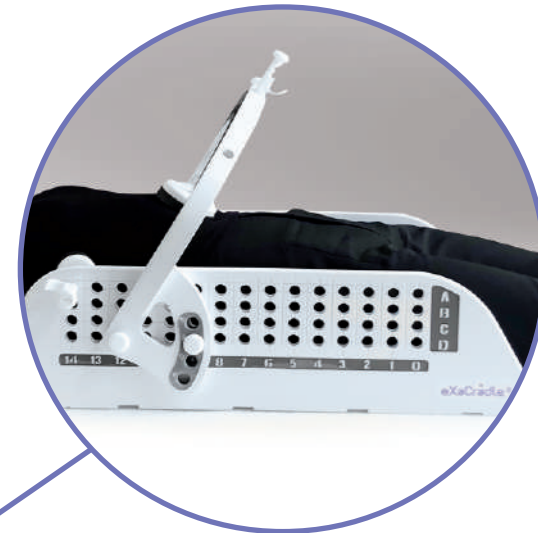
Reduced bunker repositioning times (less than 5 min.) with minimal IGRT corrections.

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

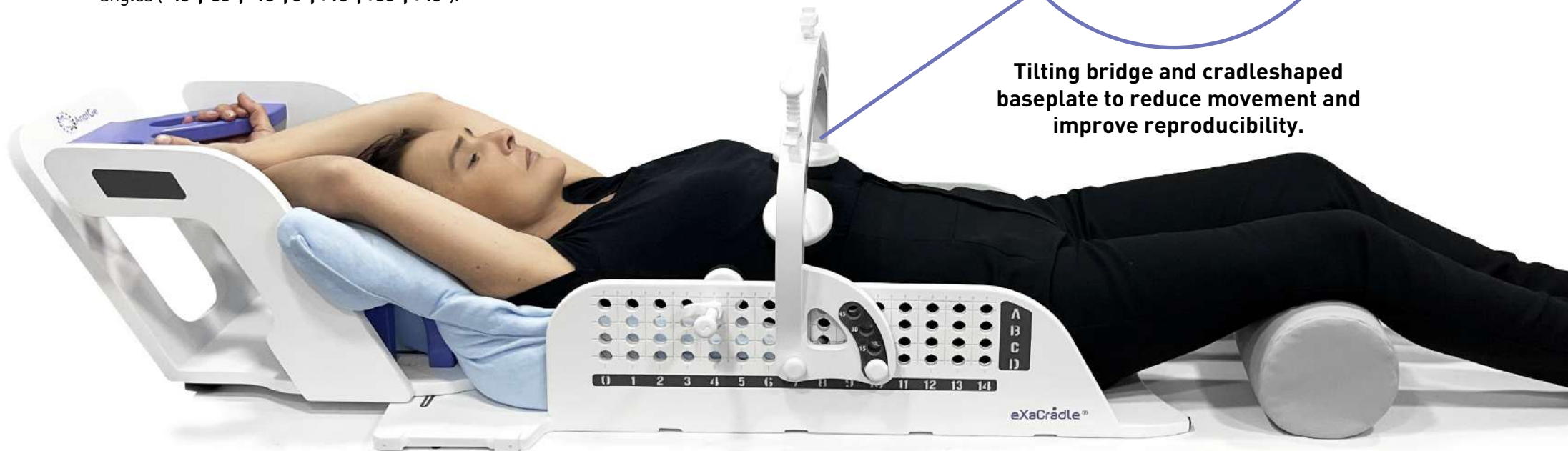
- The cradle shape contributes considerably to reducing thoracic movement and improves reproducibility.

- 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.



Height -
Adjustable
Module.



Immobilisation
Cushion

Anterior
Oblique
Compression.

Lateral
Compression.

Retroperitoneal
Compression
(RACs).

Visible
Rulers in CT.

Anterior
Central
Compression.

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.

