Elekta

BodyFIX®

Maximize positional accuracy

BodyFIX®

Simple and flexible immobilization

High conformance radiation therapy treatment modalities require precise patient positioning and immobilization. BodyFIX® achieves this while preserving patient comfort and confidence.

BodyFIX is engineered to fit today's requirements for image guided radiation therapy (IGRT), stereotactic body radiation therapy (SBRT) and precision radiation therapy. BodyFIX is a non-invasive, dual vacuum activated positioning and immobilization system that provides unique, accurate and comprehensive patient positioning. The patented dual-vacuum technology maximizes repositioning accuracy and intra-fraction patient stability by reducing both involuntary and voluntary patient movement.

Providing the foundation for successful patient positioning, imaging and treatment

Consistency, confidence and comfort

BodyFIX features advanced custom molding for patient comfort and integrated indexed patient positioning for accurate, precise and reproducible patient setup for image guided radiation therapy, volumetric modulated intensity arc therapy (VMAT), intensity modulated radiation therapy (IMRT), stereotactic body radiation therapy (SBRT) and highly conformal 3D treatments.

Simple and flexible immobilization

BodyFIX is designed with workflow in mind and requires only one radiation therapist for first and daily patient setup, because the double-vacuum cushion technology maintains the patient contours created during molding. The modular design optimizes clinical use—BodyFIX can be used for a range of clinical indications such as thorax, pelvis or whole body and a range of clinical techniques such as IMRT and SBRT.

Why BodyFIX?

- Consistent and reproducible results for confidence in precision radiation medicine

- Simple, flexible and comfortable

- Re-usable design makes it environmentally friendly

- Intra- and inter-fractional motion reduction

- Individualized patient care that is flexible to suit the treatment and patient pathology

- Vendor neutral—able to index to any indexed treatment couch

Optimizing image quality

Made entirely from radiotranslucent material, BodyFIX provides artifact-free image clarity. In addition, it is compatible with CT, PET/CT and ultrasound imaging modalities as well as industry-standard indexed tabletops.

Respiratory motion management

Respiration-induced motion of tumors (e.g., liver and lung tumors) is still a clinical challenge in modern radiotherapy. Larger margins are required to account for respiratory motion, so a larger volume of healthy tissue is irradiated. Elekta provides a wide range of respiratory motion management solutions to achieve accuracy and efficiency in treatment delivery, such as ABC with Response Gating interface. BodyFIX, as an immobilization system that is designed to reduce body movements, offers an additional choice to meet individual treatment requirements. The Diaphragm Control minimizes diaphragmatic movements by applying pressure on the abdomen below the ribs.

For almost five decades, Elekta has been a leader in precision radiation medicine.

Our nearly 4,000 employees worldwide are committed to ensuring everyone in the world with cancer has access to—and benefits from—more precise, personalized radiotherapy treatments.

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