



Zephyr®

Patient Positioning
and Transfer System
for Image Guided
Radiation Oncology

orfit The
precision
expert

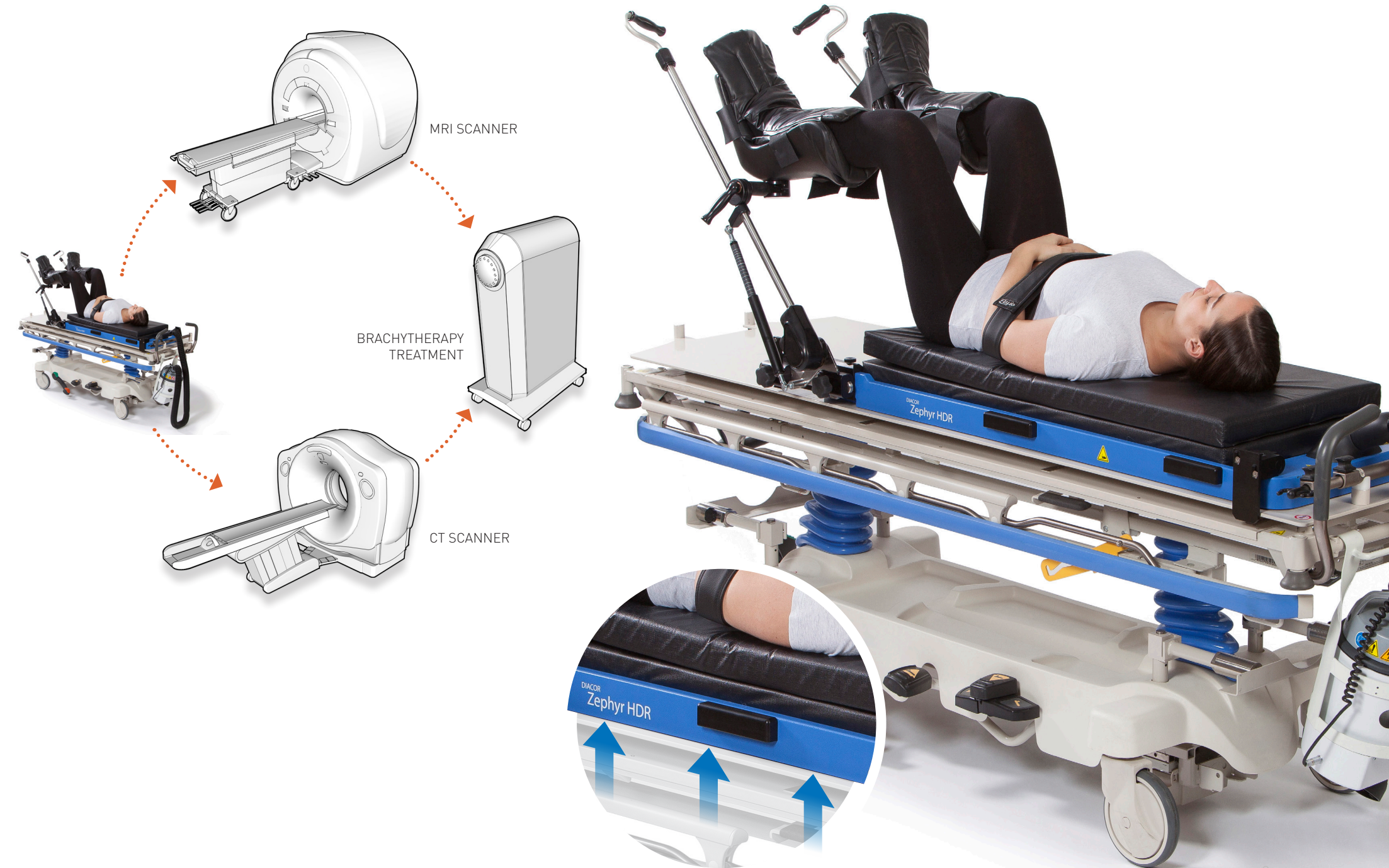
Zephyr® Patient Positioning and Transfer System designed for Radiation Oncology

The Zephyr Hoverboards were developed to overcome the challenges of transferring a patient prepared for a medical procedure from one location to another location:

- Inability to maintain sub-millimeter immobilization of patients.
- Physical stress and possible risk of injury to medical staff trying to move patients.
- Physical stress on patients and management of the associated clinical devices.
- Additional medical personnel to transfer patients.

Benefits of Zephyr Hover Technology:

- Ability to integrate CT, MRI, or other imaging modalities into the patient workflow.
- Maintain sub-millimeter immobilization of the patient through the transfer process.
- Implement safe patient transfer procedures while reducing staff injuries and lost productivity.
- Safely move a patient weighing up to 204 kg (450 lbs).
- Improved patient care by implementing a safe, easy, and gentle transfer.



Main Components of the Zephyr® System

A variety of Zephyr systems are designed and uniquely tailored to meet the requirements in the radiation therapy environment:

- Enabling adaptive radiotherapy techniques
- Increasing patient throughput without sacrificing treatment accuracy
- Indexing immobilization devices to the Zephyr® Hoverboard
- Reducing staff requirements and injuries

Zephyr® Hoverboards

Zephyr Hoverboard provides the transfer mechanism to effortlessly move patients for multi-modality imaging.



Zephyr® Blowers

Zephyr air blowers, hoses and accessories provide high-volume, low pressure air to hover the Zephyr Hoverboard.



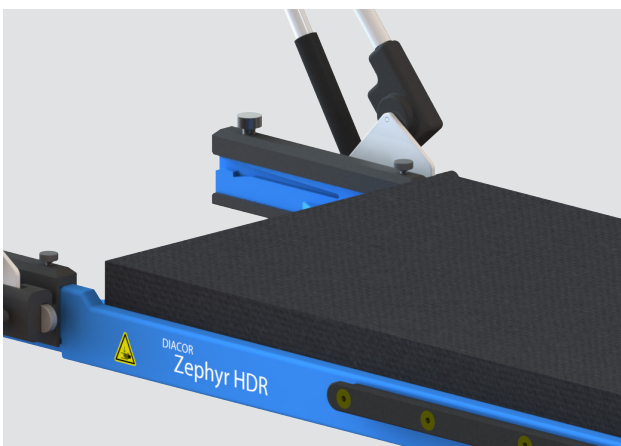
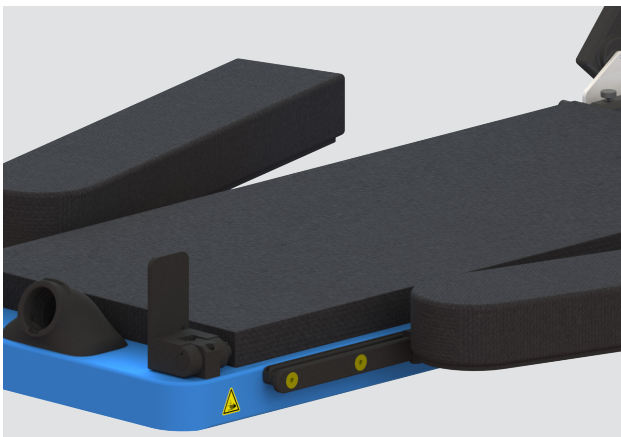
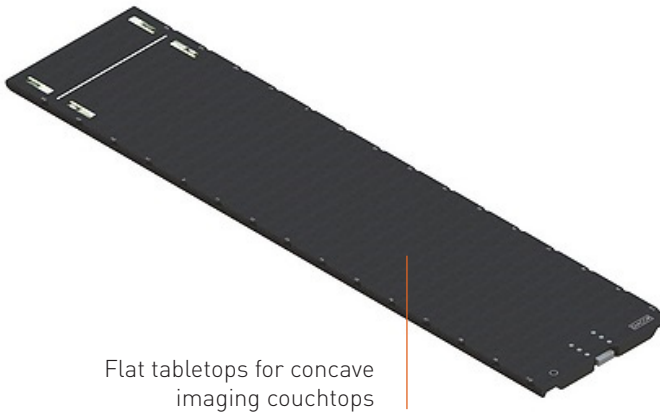
Zephyr® Stretchers

Zephyr stretchers transport the patient between imaging modalities, radiation delivery and other clinical procedures.



Zephyr® Tabletops

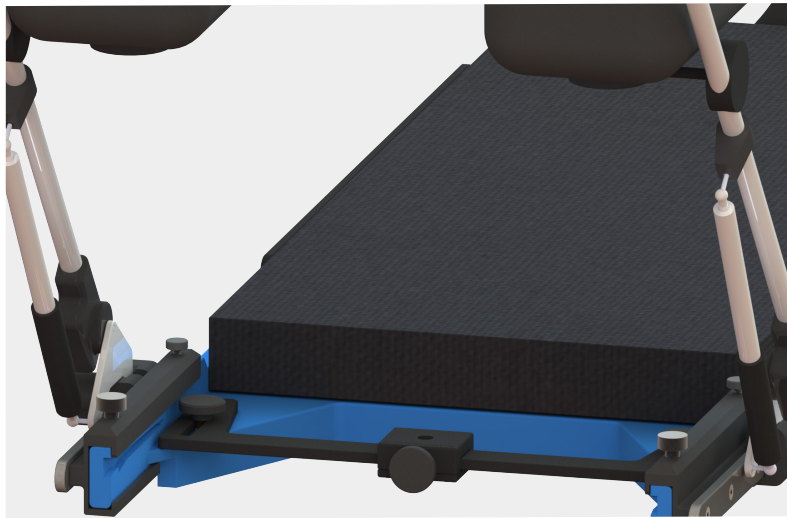
Flat tabletops are used on imaging couches to provide a flat surface for hovering the patient.



Zephyr® HDR for Image-Guided Brachytherapy

Patient Positioning and Transfer System for Image Guided Brachytherapy

Image-Guided Brachytherapy (IGBT) utilizing the Zephyr HDR allows clinicians to modify dose distributions based on a patient's individual anatomy and tumor response at time of treatment using CT, PET/CT, and/or MRI. The Zephyr HDR utilizes patented hover technology for the patient transfer which effectively reduces the displacement of the applicator/needles between imaging and treatment safely and accurately.



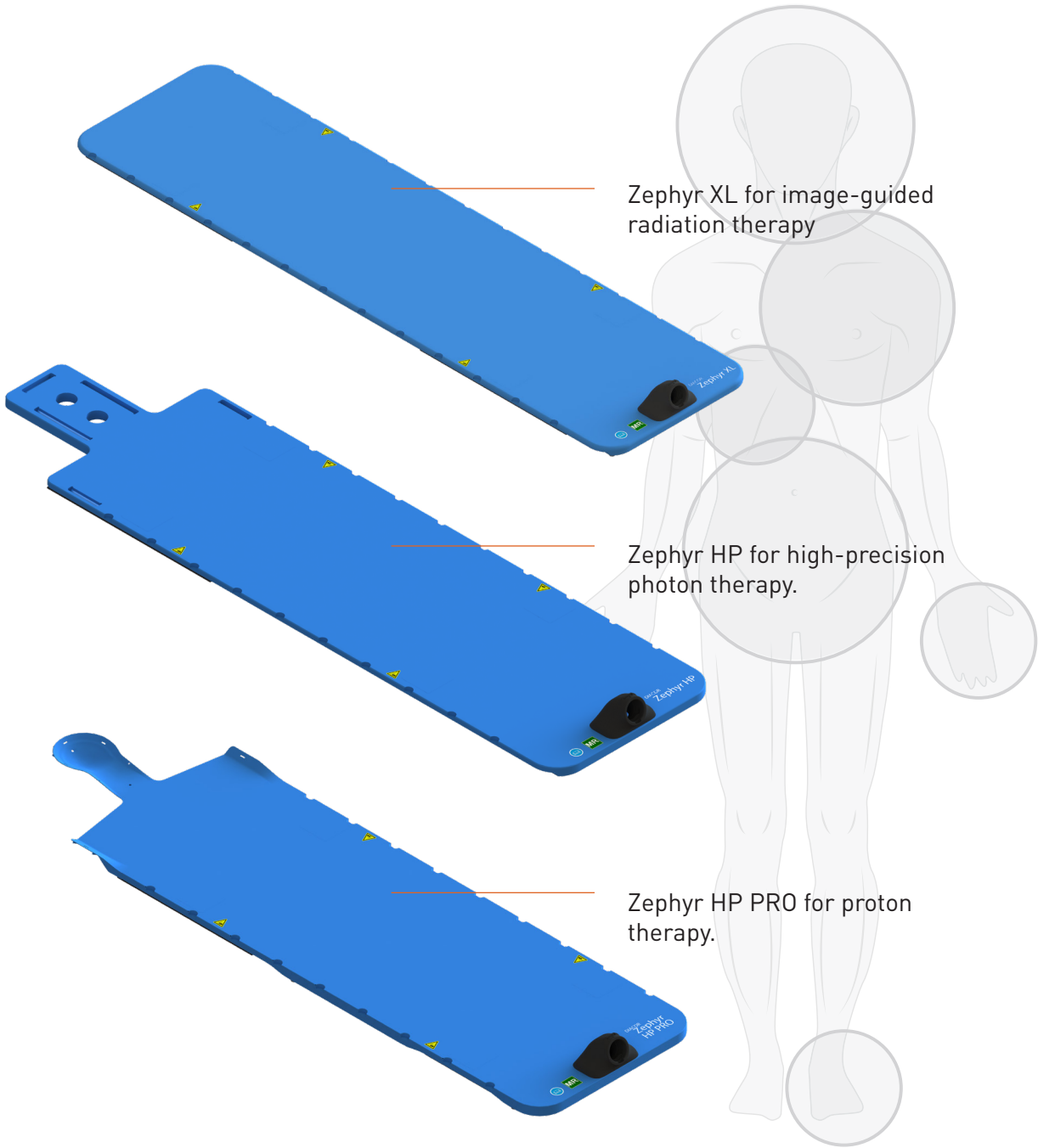
Deliver the most precise and accurate treatment plans by ensuring the patient and applicator positions are maintained during the entire workflow.



Support patient comfort from imaging to treatment delivery.



Ensure patient transfers can be completed safely by the treatment team.



Zephyr® Patient Positioning and Transfer System for Image-Guided Radiation Therapy

Image-guided radiation therapy techniques have become the standard of care to improve treatment precision and accuracy. The Zephyr XL series incorporates indexed couptops that accept immobilization devices for maintaining the patient's position throughout the transfer processes, permitting the flexible use of different imaging modalities CT, PET/CT, and/or MR to achieve IGRT today.

The Zephyr HP and Zephyr HP PRO utilize Orfit's high precision thermoplastics to ensure an accurate treatment delivery.

- Increase patient throughput without sacrificing treatment accuracy.
- Index immobilization devices to Zephyr Hoverboard.
- Reduce staff requirements and injuries.



Orfit exclusively represents Zephyr® in North America.

Orfit is the exclusive distributor of Zephyr radiation oncology solutions throughout North America. Orfit brings high precision and comfort to the positioning and immobilization of cancer patients through a complete family of Orfit systems for brain, head and neck, supine and prone breast treatment, pelvis and abdomen treatment, SRS, SBRT, extremities, pediatric, MR, brachytherapy, and proton therapy. To learn more about Zephyr, visit orfit.com/zephyr.

Visit
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