

Zephyr™ Patient Transport System for CT Imaging and High Dose Rate Brachytherapy Treatment

The Zephyr Patient Transport System allows CT imaging to be easily used for high dose rate (HDR) treatments.

CT treatment planning has demonstrated its value of providing complete 3D structure definition and dose volume histogram analysis for high dose rate (HDR) treatments. Unfortunately, most facilities lack the ability to perform CT imaging and HDR treatments within the same, dedicated room.

Most centers require movement of the patient from CT simulation room to the HDR suite for treatment. Scanning of the patient may require unique hardware to move the patient to where they can be scanned.

Patient transportation becomes challenging as multiple transfers of the patient, from CT table to patient stretcher to HDR treatment table, pose high risk for applicator movement and possibly extreme patient discomfort.

The Zephyr Patient Transport System capitalizes on the benefits of CT treatment planning for HDR treatments and provides the means to safely transport the patient.



Key Benefits of the Zephyr Patient Transport System include:

- Minimize the risks of applicator movement
- Scan and treat in the same position
- Easily transfer the patient from the CT to treatment room

System Features:

- Patient scanned in desired treatment position
- Air-bearing technology enables smooth, virtually effortless, lateral and longitudinal movement
- Minimizes changes in implant geometry during patient transfer
- Fast, reliable and safe way to transfer patients from CT couch to stretcher while still in stirrups
- Patient can be treated on Zephyr stretcher or easily transferred to HDR treatment table
- HDR procedure can be performed in the same position as the patient was in when implanted and scanned, thereby optimizing the relevance of treatment planning data

System Components:

- Zephyr Patient Transport Sled with air pillows, blower and air hose
- Zephyr Patient Transport stretcher
- One pair of stirrups

Patent Pending

This product is available through:

JRT Associates 800-221-0111

DIACOR

Toll-free: (800) 342-2679 Phone: (801) 467-0050 Fax: (801) 487-3258
diacorinc.com