

ZiFix™



OIS  
Oncology Imaging Systems

# ZiFix™ MOTION CONTROL SYSTEM

The ZiFix™ Abdominal/Thoracic Motion Control System is designed to reliably index and maintain pressure to suppress tumour and organ motion for imaging and radiotherapy treatments. The system provides flexible positioning for a variety of clinical needs, including SBRT.

The ZiFix™ Abdominal/Thoracic Motion Control System provides abdominal compression to induce shallow breathing for managing internal motion due to respiration. The system features an anatomically shaped compression paddle for patient comfort and improved patient compliance potentially leading to better patient outcomes. The ZiFix™ Abdominal/Thoracic Motion Control System is suitable for a range of treatment angles and setups.

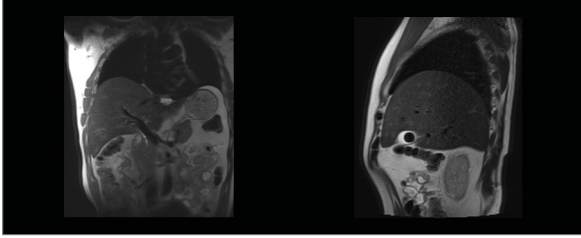
- Compatible with CT and MRI environments up to 3T
- Suppresses motion of lungs and liver for imaging and radiotherapy
- Provides positional consistency between imaging, simulation, and treatment



*Shutoff valve and quick disconnect pump provide secure method of sealing air inside the bladder to enable consistent pressure*



*Bladder is designed to be durable up to 250 mmHg, a 2x factor of safety*



*Stabilises liver and reduces imaging artifacts*

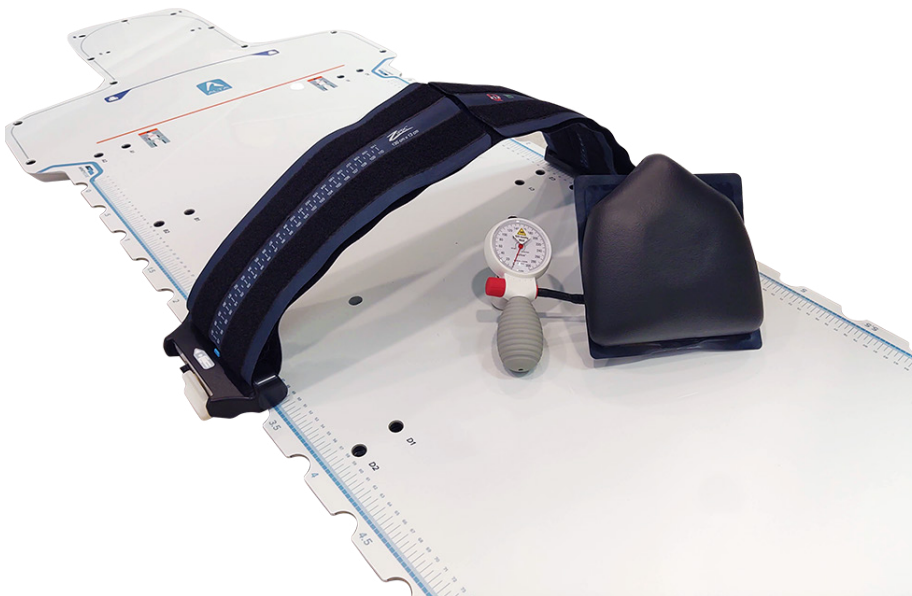


*Fiducial markers aid in consistent patient setup relative to patient anatomy*

## **ZiFix Traverse™** MOTION CONTROL SYSTEM

ZiFix Traverse™ indexes to compatible Qfix devices for use in a variety of clinical setups, including with other positioning and immobilisation accessories. It can be used with compatible devices in both treatment and imaging, including MRI environments up to 3T.

- Indexes to the edges of compatible devices
- Minimises potential for collisions and interference when compared to compression bridge
- Low attenuation



## ZiFix System

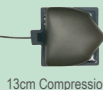
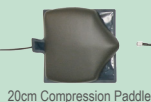
20cm x 170cm Belt



13cm x 170cm Belt



13cm x 130cm Belt



Pump

20cm Compression Paddle

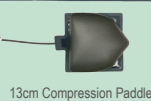
13cm Compression Paddle

## ZiFix Traverse System

13cm x 170cm Belt



13cm x 130cm Belt



Pump

13cm Compression Paddle

(2) Clamps



OIS is the distributor for Qfix in the UK & Ireland.

ZiFix is a trademark of Qfix Systems. Patent(s) Pending.

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