

**ZiFix™**  
Patent(s) Pending



## Abdominal/ Thoracic Motion Control System



### **ZiFix™ – For All Imaging Systems & Treatment Modalities**

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

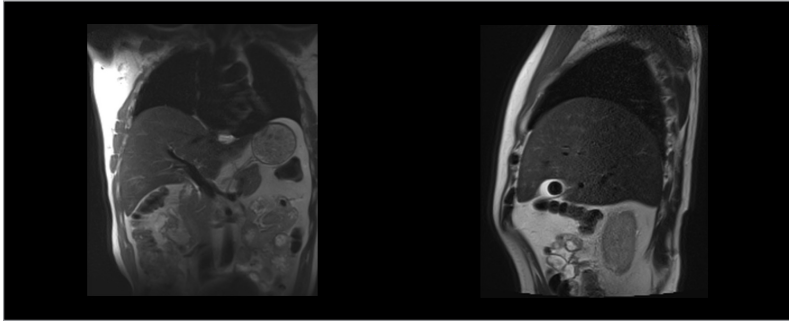
The ZiFix™ Abdominal/Thoracic Motion Control System provides abdominal compression to induce shallow breathing for managing internal motion due to respiration. The system features an anatomically shaped compression paddle for patient comfort and improved patient compliance potentially leading to better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

#### **Features:**

- 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



# ZiFIX™ Abdominal/Thoracic Motion Control System



Stabilizes liver and reduces imaging artifacts



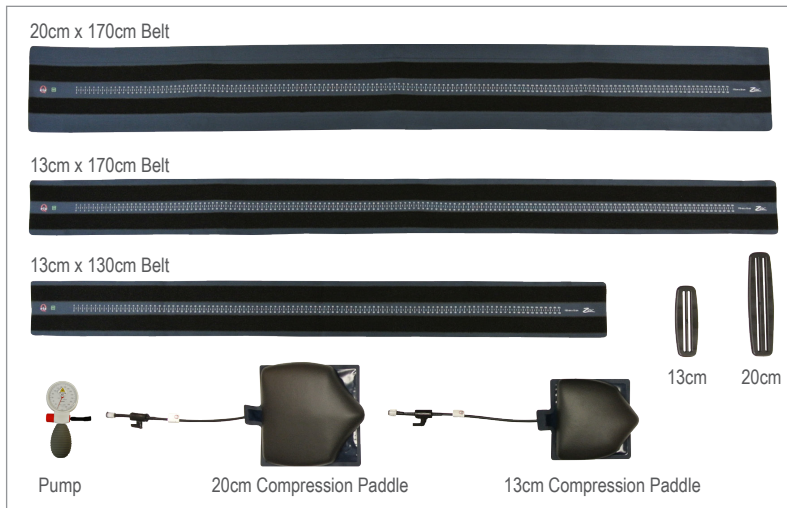
Fiducial markers aid in consistent patient setup relative to patient anatomy



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



The system includes multiple size compression paddles, belts and buckles to accommodate a variety of patient sizes



Dedicated case for convenient handling and storage across diverse clinical environments, including MR environments

**RT-4558CB02** ZiFix Abdominal/Thoracic Motion Control System

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