



## **EchoBed®**

The EchoBed®, developed in conjunction with opinion-leading cardiologists, is designed for the optimal visualization of cardiac structures, while providing patient and sonographer comfort and safety.

# EchoBed®

## Obtain the Best Images While Avoiding Injury

### Scanning Drop-Section

- Allows sonographer easy and uninhibited access to the apical window to obtain quality cardiac images in the least amount of time
- Sonographer is able to work in an ergonomically-correct position thus reducing or eliminating Repetitive Strain Injury (RSI)



### Two-way Dual Drop Section

- By incorporating dual drop-sections, the EchoBed® becomes an ideal surface for performing echocardiography studies allowing uninhibited access to the apical window and an ergonomically-correct platform for both right and left-handed sonographers
- Second drop-section can be used as a patient back support in your choice of two “up” positions for TTE/TEE



### Sonographer Extension

- Allows right-handed sonographers to sit comfortably on the bed when they would otherwise get squeezed off the edge of the bed by larger patients



### Single-pedal braking

- Permits the sonographer to lock all four casters with a single motion
- Allows straight steering of bed down hallways



## Potential Applications

- Routine and acute diagnostic echocardiography in a hospital or office setting
- Transthoracic echocardiography (TTE)
- Transesophageal echocardiography (TEE)
- Pharmacologic stress echocardiography
- Assessment of valve disease

## Benefits

- Improves on-axis imaging
- Allows for easy access to the apical window through imaging drop-section
- Reduces image-acquisition time 30% by eliminating the need to reposition patient for gaining access to the apical window<sup>1</sup>
- Protects sonographers from career-ending injuries by improving procedure ergonomics, which is critical, since recent studies have revealed that 80% of sonographers are scanning in pain and 20% of those sonographers eventually experience a career-ending injury<sup>2,3,4</sup>
- Two-way dual drop-section lowers for right-handed sonographers to sit behind patient when scanning or for left-handed sonographers to use as a patient back support for TTEs and TEEs (select models)
- Sonographer extension provides a wider surface to sit on while scanning; especially useful when scanning larger patients (select models)
- Accommodates bariatric patients through its unbeatable weight capacity of 1,250 lbs. guaranteed by our UL and FDA listings

## Features

- 14" x 14" exam drop-section including single-handed rapid release, right-side remote release (dual drop-section models), and patented, non-pinch flap
- 14" x 12" right-side sonographer's drop-section with single-handed rapid release and patented, non-pinch flap (select models)
- Fowler positioning from 0 to 65°; electrically-adjustable (select models)
- 15° Trendelenburg; electrically-adjustable (select models)
- 15° reverse Trendelenburg; electrically-adjustable (select models)
- 1,250 lbs. load capacity
- 500 lbs. lift capacity
- Underwriters Laboratory listed for hospital use (UL 601, CSA & IEC 60601-1 Standards)
- Single pedal braking and single pedal steering
- Sealed, water-resistant, low-voltage, control wand with self-retracting, coiled power cord and three programmable memory positions
- 2 collapsible and/or removable safety rails
- IV pole holder
- Corner bumpers
- Paper roll-holder & cutter
- Storage tray

## Options & Accessories

- Two-way drop-section
- Leg-supports
- Head-support
- Positioning SafeTwedges™
- Foot switch (does not support memory positioning)
- Pediatric/geriatric adapter
- 71 optional vinyl colors

#### References

1. Myers, David, Does EchoT Bed Improve Image Acquisition Time in Stress Echocardiography? Falls Church, VA, Stress Echo Update, 12/91. 3) Kuecherer, H., Schiller, N, Journal of the American Society of Echocardiography, Vol.4, No.3, 1991.
2. Industry Standards for the Prevention of Work-Related Musculoskeletal Disorders in Sonography, Developed through a consensus conference hosted by Society of Diagnostic Medical Sonography May 2003.
3. Merton, Daniel, MSIs: Addressing a Real Pain in the Neck for Today's Sonographers, ADVANCE for Radiologic Science Professionals, July, 2000.
4. Wihlidal, L.M., Kumar, S.: An Injury Profile of Practicing Diagnostic Medical Sonographers in Alberta, International Journal of Industrial Ergonomics, 1996.