



VasScan™ Table

The VasScan™ Table is designed to improve ultrasound images and is unique in offering a 30° reverse Trendelenburg function and an adjustable footboard for vascular procedures. This combination allows for a steep slope to expand lower extremity veins for faster and easier recognition of structures and pathology.

VasScan™ Table

A Step Above the Rest in Vascular Ultrasound

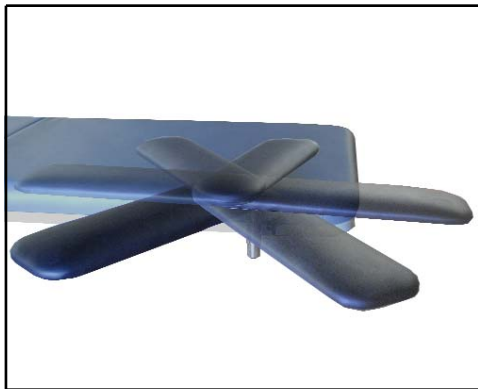
30° Reverse Trendelenburg

- Allows for optimum image quality when performing peripheral vascular duplex imaging by achieving maximum vessel dilation
- The best way to achieve dilated vessels is to position the imaging surface in a steep reverse Trendelenburg position¹



Optional Padded Arm-Board

- For upper extremity vascular studies, the padded arm-board supports and rotates patient's arm outward to desired angle for complete imaging access
- Arm-board rotates 360° to support sonographer's arm while scanning carotid arteries



Optional Carotid Head-Support

- Carotid head-support allows for maximum access and optimum image-acquisition for carotid duplex and transcranial Doppler studies
- Adjustable head-support allows better positioning for the bifurcation maneuver and posterior carotid approach
- Padded semi-circle head-support cradles patient's head off end of the table, providing an unimpeded approach for manipulating ultrasound probe



Optional Two-Way Dual Drop-Section

- By incorporating optional drop-sections, the VasScan™ Table becomes an ideal surface for performing echocardiography studies by allowing uninhibited access to the apical window and an ergonomically-correct platform for both right and left-handed sonographers
- Two-way dual drop-section also facilitates decubitus positioning for general ultrasound procedures



Potential Applications

- Vascular ultrasound
- Venous ablation
- Upper & lower extremity sonography & Doppler
- Carotid duplex and transcranial Doppler (TCD)
- Abdominal (visceral) Doppler
- Echocardiography

Benefits

- 30° reverse Trendelenburg and foot-board allow for maximum lower extremity vessel dilation¹
- Proven, reduced image-acquisition time
- Reduces ergonomically incorrect postures and twisting for right-handed sonographers^{2,3,4}
- 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^{2,3,4}

Features

- 30° reverse Trendelenburg; electrically-adjustable
- 15° Trendelenburg; electrically-adjustable
- 14" x 12" exam drop-section including single-handed rapid release, right-side remote release and patented non-pinch flap (select models)
- 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
- 1000 lbs. load capacity
- 500 lbs. lift capacity
- Sealed, water-resistant, low-voltage, control wand with self-retracting, coiled power cord
- Low height transfer at 26.5"; standard height range at 34.5"
- Storage trays
- Removable/adjustable foot-board

Options & Accessories

- Two-way drop-section (select models)
- Carotid head-support
- Vascular arm-board
- Vascular leg-supports
- Sonographer drop-section extension (select models)
- Positioning SafeTwedges™
- Paper roll holder & cutter
- Foot switch
- 71 optional vinyl colors

The VasScan™ Table is an essential component to duplex imaging and venous mapping. To learn more and receive a free SDMS CME credit, please visit MPI University™ at www.MedicalPositioning.com/cme/ to read “Diagnostic and Interpretive Challenges Encountered During Venous Duplex Studies” by Steven R. Talbot, RVT, FSVU.

Steven R. Talbot, RVT, FSVU, a recognized authority in vascular ultrasound, states:

“...one of the basic principles of duplex imaging of the lower extremity veins: having the bed tilted in a reversed Trendelenburg position. If the bed is flat, the small veins of the calf are collapsed and nearly impossible to see. Elevating the head of the bed allows the veins to fill with blood and expand so they can be seen easily.”

“ Doing detailed work in the calf is extremely important and not that difficult, when the examiner...uses proper technique.”

“The technique described here is one that is done with the patient in a steep reversed Trendelenburg position and the Valsalva maneuver is used primarily to document venous reflux.”

“Specifically for the venous reflux studies, the reverse Trendelenburg angle should be at least 20° to optimize venous pooling in the lower extremities.”

References

1. Steven R. Talbot, RVT, FSVU: Diagnostic and Interpretive Challenges Encountered During Venous Duplex Studies, Vascular Ultrasound Today 9(1): 1-28, 2004.
2. Merton, Daniel, MSIs: Addressing a Real Pain in the Neck for Today's Sonographers, ADVANCE for Radiologic Science Professionals, July, 2000.
3. Wihlidal, L.M., Kumar, S.: An Injury Profile of Practicing Diagnostic Medical Sonographers in Alberta, International Journal of Industrial Ergonomics, 1996.
4. 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.