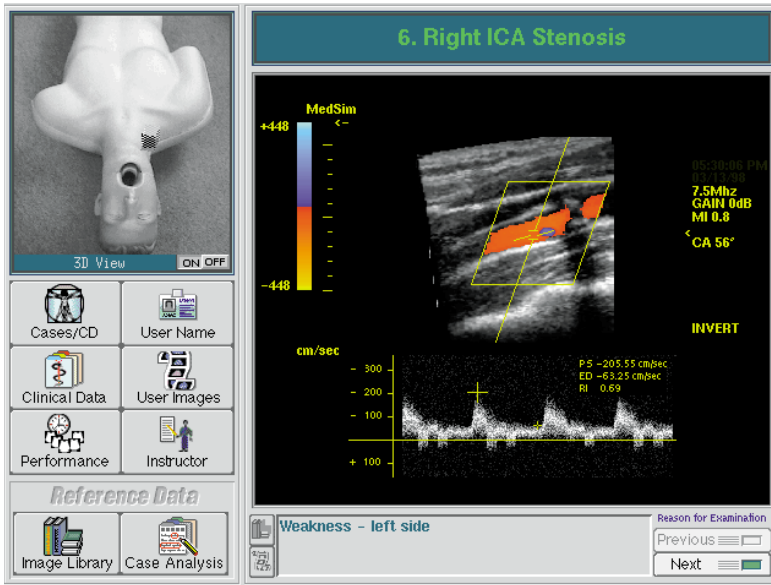


*Full Screen Image Showing User Interface and Right ICA Stenosis Case*



## MODULE 1

*Vascular Module 1* - This initial module in the Vascular series allows users of MedSim's UltraSim<sup>®</sup> ultrasound education system to develop, enrich and assess their vascular scanning and diagnostic skills. The module focuses on carotid ultrasound examinations and the use of spectral and color Doppler for performing these examinations. Users have access to a full range of system controls with adjustment capabilities for acoustic power, color & spectral Doppler Gain, scale/PRF, angle correction, gate size, and baseline. In addition, users can acquire the resistive index for each vessel.

*Vascular Module 1 CD's*



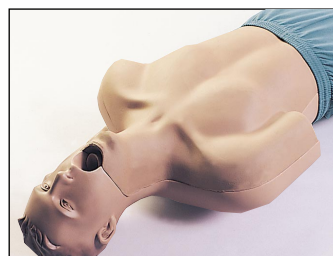
*Vascular Module 1 Instructor Manuals*



*Requires Linear Transducer*



*Requires Upper Torso Mannequin*

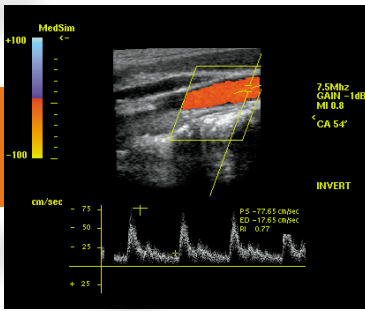


The module contains 30 normal and common pathologic carotid cases. Each case provides a complete clinical experience, with case-specific patient ultrasound data, exam protocols, educational tasks, patient clinical histories, reference images, and a thorough case analysis. Included are instructor manuals, user worksheets, and suggested curricula, all providing a comprehensive approach to learning.

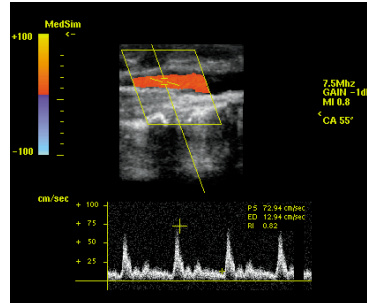
The Vascular Module 1 is an excellent adjunct for educational programs that teach vascular anatomy and scanning protocols. The module is effective for group education sessions and self-guided learning for introductory and intermediate users. Introductory users gain access to valuable hands-on scanning without the pressure of working with live patients, while intermediate users benefit from advanced cases and unrestricted examination time.

# VASCULAR SERIES

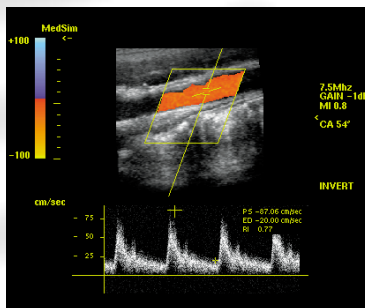
## MODULE 1



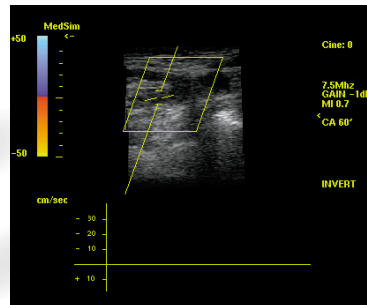
Normal Right CCA At The Level Of The Bulb



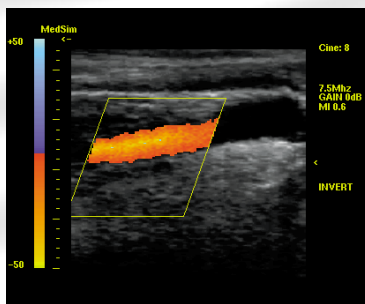
Normal Right ECA



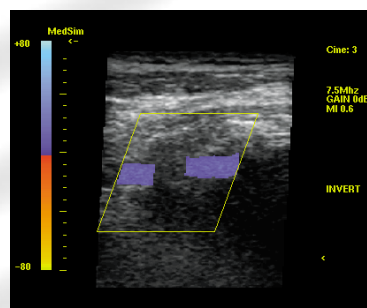
Normal Right ICA



Right ICA Occlusion



Left ICA Turbulence



Left Vertebral Flow Reversal

*Examples of cases which are included in this module:*

- Normal Left CCA
- Normal Left Vertebral, CCA
- Normal Left Vertebral, ICA/ECA
- Normal Right Vertebral, CCA
- Normal Right ICA/ECA
- Left ICA Stenosis
- Right ICA Stenosis
- Left CCA Turbulence
- Left ICA Turbulence
- Right ICA Minimal Turbulence
- Right ICA Turbulence
- Left Vertebral Flow Reversal
- Left ICA Occlusion
- Right ICA Occlusion
- Left ICA-Ulcerative Plaque
- Left ICA Stenosis- Ulcerative Plaque