



TECHNICAL TRAINING FOR CARESTREAM HEALTH STUDENTS
Customer Carestream Ultrasound Service Training (3 days)

CATALOG #: N/A

<i>Target Group</i>	<i>Duration (days)</i>	<i>Participant number /session</i>
Biomed, Dealers, Service Partners, Technicians	3 days	Min. 2 – max. 6 persons

Course Location	
Carestream Health Technology and Innovation Center 1049 Ridge Rd West Rochester, NY 14615 Tel: (+1)800-810 –0327 Option 3 Fax: (+1) 972-805 –1440	

Objective & Learning Outcome
Upon successful completion of this course the student will be able to: <ul style="list-style-type: none">• Understand the operation of the Carestream Ultrasound System• Learn basic ultrasound imaging techniques by practicing self imaging as well as imaging a phantom• Identify the major hardware assemblies/subassemblies of the Carestream Ultrasound System• Understand how to perform an installation and configure the Carestream Ultrasound System• Describe the operation of the major functional areas of the Carestream Ultrasound System• Perform component adjustments and replacements on the Carestream Ultrasound System• Troubleshoot the Carestream Ultrasound System• Understand Preventative Maintenance on the Carestream Ultrasound System

Training program Content

Training is performed by a Carestream Health Technical Trainer or Product Specialists in a designated Carestream Health training area with equipment supplied by Carestream Health. The course is structured with theoretical sessions integrated with practical hands on exercises.

This will include installation, maintenance, and qualification procedures.

- Day 1 - Introductions, project comments/info, and Ultrasound "101"
 - Class introductions
 - Introduction to ultrasound including basic theory
 - Introduction to the CS Touch Prime ultrasound system
 - Overview of the user screens
 - Configuration of the system -- the configurations the end-user has access to
 - Transducer overview (linear, curved, mechanical, etc.)
 - Scanning modes (2D, 3D, Doppler)
 - Practical use of the equipment (basic scanning for the service person)
- Day 2 - Software -
 - Theory and explanation of the software in general
 - File structure on the two hard drives (SSD and HDD)
 - Configuration & system settings
 - Backup/restore of system settings
 - Reloading of the software is performed
- Day 3 – Detail review of service manual -
 - Installation (chapter 1) – including 'installation checklist' found in Appendix-A
 - Perform a complete 'walk thru' of the installation
 - Adjustment Procedures (chapter 2)
 - Perform basic adjustments.
 - Removal & Replacement Procedures (chapter 3)
 - Perform some common and/or critical procedures.
 - Theory of Operation (chapter 4)
 - Software & Related Procedures (chapter 5) – review from day 2
 - Service Mode, troubleshooting, diagnostics (chapter 6) -- in-depth explanation of the various modes of operation
 - Planned Maintenance (chapter 7) – walk thru the basic activities that will be performed during a PM
 - Practical use of the Image Quality phantom
 - Electrical Safety testing
 - Review Electrical Interconnections (chapter 8)
 - Parts List (chapter 9) -- walk thru the parts list

Prerequisites

Participant should review the following course prerequisites before enrolling:

Must have

Basic understanding of software and electrical mechanical system.

Highly recommended

Previous medical imaging or medical imaging product service experience.

Requested student tools

Participants are required to bring a laptop computer.

Deliverables

- Participants receive :
 - Certificate of Attendance
 - Course Training Manuals & Documentation CD
 - Access to the Service portal for Service Bulletins and documentation revisions

Other information

Training will be performed in English.

Personal transportation is a necessity if visiting from outside the Rochester area.

The training facility is not within walking distance of any dining establishment.

Participants may be required to share equipment during the lab exercises.

Procedure for Students Who Fail To Meet Minimum Course Objectives

A student who fails to meet minimum course objectives such as attendance, lab exercises, classroom participation, testing, etc. will not receive class credit and/or course certification. This may also include the student not receiving access to a Secure Link certificate.

The student's manager will be contacted to determine a suitable course of action for the student.

Note about safety:

Carestream Health will undertake all necessary precautions to ensure compliance with safety standards.

It is the customer's responsibility to ensure that whilst on their site the student complies with and works within the expected local Health and Safety requirements and guidelines.

Tuition and Cancellation Policy

Please contact Training Coordinator for pricing.

Travel, lodging, meals, and car-rental fees are not included in the tuition.

The cancellation policy is:

90 days before course start date 100% refund

Between 89 and 60 days 75% refund

Between 59 and 30 days 50% refund

Between 29 and 15 days 25% refund

Less than 15 days 0% refund

In the event that a course has less than 3 participants, Carestream Health reserves the right to cancel the course.

If a course is cancelled, we will make every effort to enroll you in the next available course.



Schedule

- Classes begin at 08:00 and conclude at 17:00 each day
- Participants should allow at least 2 hours between completion of class and travel departure.
- The program is structured with lectures, discussions, and lab exercises.

For details, please contact:

Carestream Health Technology and Innovation Center

US&C Medical Imaging Training Center

1049 Ridge Road West

Rochester NY, 14615

Tel: (+1) 800-810-0327 Option 3

Fax: (1+) 800-445-9967

<http://www.carestreamhealth.com/training-us.html>

For more information, please visit our Health Website: <http://www.carestreamhealth.com/training-us.html>