



Customer DRX-Ascend / Q-Rad System Service Training (4.5 Day)

Target Group	Duration (days)	Participant number /session
Customer or Dealer FE who will be supporting the DRX Ascend/ Qrad System	4.5 days	Min. 2 –max. 6 persons

Course Location

Carestream Health Technology and Innovation Center

US & C Medical Imaging Training Center
1049 Ridge Rd West
Rochester, NY 14615
Tel: (+1) 800-810 –0327 Option 3
Fax: (+1) 800-445-9967

Objective & Learning Outcome

Upon successful completion of this course the student will be able to:

- Understand the components that are integrated to make up an analog or digital System
- Understand component interconnections for analog, and DirectView / ImageView based digital systems
- Understand the operation of analog and digital Systems
- Perform configuration and calibration of the Carestream Generator
- Perform configuration and calibration of the Quantum Generator.
- Use the oscilloscope to troubleshoot each generator type
- Describe the operation of the major components of a System.
- Troubleshoot the major components of a System.
- Perform component adjustments and replacements
- Understand and perform preventive maintenance tasks

Training program Content

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

Tentative daily schedule:

Day 1

- Ascend & Q-Rad System / Component Overview
- Ascend / Q-Rad Digital Integrated System
- Carestream Generator

Day 2

- Carestream Generator Configuration and Setup
- Carestream Generator Calibration
- QMI Generator
- QMI Generator Configuration and Setup
- QMI Generator Calibration

Day 3

- QW-420 Wall Stand
 - Bucky Trays
- QS-550 Floor Mounted Tube Stand
 - Collimators
- QT-750 Table

Day 4

- TechVision
- RS-590 OTC
- Auto Tracking

Day 5

- Legacy Operator Consoles
- Service Publication Review
- Integrated Illustrated Parts List
- PM and PM checklists
- Acceptance & Compliance Testing
- Final Exam

Prerequisites

Before attending, the Student **MUST** have completed a fundamentals of x-ray imaging course (i.e. DITEC or RSTI Level 1) or equivalent x-ray background.

Before attending, the participant **MUST** have completed the following Carestream-specific prerequisites:

- **DRX-1 With Mobile System Training**
- **ImageView Software online training assigned at registration. This training is located on the Carestream Technical Learning Center**

If the student has not fulfilled all the above prerequisites, he/she will not be allowed to participate in the training program.

It is also Highly recommended:

- Basic electronics and mechanical background.
- Basic understanding of the use of Windows and the laptop.
- An understanding of networking concepts and basic network troubleshooting.

Requested student tools

Participants are required to bring a laptop computer. Minimum requirements for the laptop are:

- Pentium II processor (or better)
- 4GB RAM or more
- Microsoft Windows 7 (or newer)
- Microsoft Office (Word, XL, PPT)
- At least 500 MB of available hard drive space
- A 10/100/1000 Ethernet NIC with an RJ-45 port or wireless capabilities
- Google Chrome or Microsoft Edge
- A USB Port

Deliverables

- Certificate of attendance
- Course Training Materials
- Access to Service Portal for Service documentation and Service Bulletins
- Securlink Access for Ascend/Grad
- LP/ CP access code for product phone support through the Technical Support Center.

Other information

- Training will be performed in English.
- The student is responsible for all transportation to and from the Carestream **Health Technology and Innovation Center**
- Participants may be required to share equipment during the lab exercises.

Tuition & Cancellation Policy

Please contact the 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 2 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 8 AM and conclude at 5 PM M-Thur. Conclude at 12 pm in Fridays unless otherwise noted.
- Participants must allow at least 1.5 hours between completion of class and travel departure.
- The program is structured with lectures, discussions, and lab exercises.

For details, please contact:

US&C
 Carestream Center of Excellence
 Phone: 1 800-810-0327 Option 3
 E-Mail: HI-Technical-Training@carestreamhealth.com

For more information, please visit our Carestream web site: www.carestream.com