

Customer DRX-Revolution Mobile X-ray System Service Training (4.5 Day)

COURSE CODE: P272

CATALOG #: 1030881

<i>Target Group</i>	<i>Duration (days)</i>	<i>Participant number /session</i>
Dealer FE who will be supporting Carestream DRX-Revolution Installations	4.5	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: <ul style="list-style-type: none"> • Understand the operation of the DRX-Revolution System • Identify the major hardware assemblies/subassemblies of the DRX-Revolution System • Understand how to perform an installation and configure the DRX-Revolution System • Describe the operation of the major circuits of the DRX Revolution • Perform component adjustments and replacements on the DRX-Revolution • Troubleshoot the DRX-Revolution hardware • Perform a verification and calibration of the Tube & Grid Alignment system • Perform Preventative Maintenance on the DRX-Revolution System

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:

- Introduction
- Safety
- DRX-Revolution Introduction and class outline
- System Overview (Classroom)
- DRX-Revolution System Operations & Safety (Lab)
 - Drive the Cart and Point the Tube Head
 - Remove Covers
 - Component locate
 - Lockout/Tagout
 - Remove Batteries
- Power Management and Electrical Layout (Classroom)
- Cart Drive (classroom)
 - Mechanical layout
 - Elect. Diagrams

Day 2:

- Cart Drive lab
- Column, Carriage, Crane & Tube Head Ay (classroom)
 - Mechanical layout
 - Elect. Diagrams
- Column lab
 - Component location
 - Trolley vs. inner column movement
 - Brake adjustments
 - Dock adjustment
 - Winding the counterbalance

Day 3:

- Collimator Assembly (classroom)
- Generator Overview (classroom)
- Generator lab

Day 4:

- Prior's Lab (classroom is part of v5.6 e-Campus training)
- Grid Alignment (classroom)
- Grid Alignment (Lab)
- Other Accessories
- Troubleshooting (Lab)

Day 5:

- System Installation
 - Site planning
 - Site Specs
 - Installation review
- Parts List
- Final Exam
 - Written
- Q & A period, Wrap up. Feedback and time reporting

Prerequisites

Before attending, the participant should have the following prerequisites:

Must:

- Fundamentals of x-ray imaging course (for example, DITEC Level 1) or equivalent x-ray background
- **DRX-1 With Mobile System Training (P156)**
- **Version 5.6 Software online e-Campus Training**

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

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)
- 128 MB Memory (or more)
- Microsoft Windows 2000 (or newer)
- At least 20 MB of available hard drive space
- A 10/100 Ethernet NIC with an RJ-45 port
- Windows Explorer Version 5.0 or higher
- A USB Port
- A CD Drive

Deliverables

- Certificate of Attendance
- Course Training Manuals
- Access to Service Portal for service documentation

Other information
<p>Training will be performed in English.</p> <p>Personal transportation is a necessity.</p> <p>Participants may be required to share equipment during the lab exercises.</p>

Tuition & Cancellation Policy
<p>\$4000 per Student</p> <p>Travel, lodging, meals, and car-rental fees are not included in the tuition.</p> <p>The cancellation policy is:</p> <p>90 days before course start date 100% refund</p> <p>Between 89 and 60 days 75% refund</p> <p>Between 59 and 30 days 50% refund</p> <p>Between 29 and 15 days 25% refund</p> <p>Less than 15 days 0% refund</p> <p>In the event that a course has less than 2 participants, Carestream Health reserves the right to cancel the course.</p> <p>If a course is cancelled, we will make every effort to enroll you in the next available course.</p>

Schedule
<ul style="list-style-type: none"> • Classes begin at 8 AM and conclude at 5 PM Monday – Thursday, Class on Friday begins at 8 AM and concludes at 12 PM • 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.
<p>For details, please contact:</p>
<p><u>US&C</u> Carestream Center of Excellence Phone: 1 800-810-0327 Option 3 E-Mail: HI-Technical-Training@carestreamhealth.com</p>

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