

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

COURSE CODE: P329

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:

- Understand the operation of the DRX-Revolution System
- Understand Revolution and Revolution Plus Differences
- Identify the major hardware assemblies/subassemblies of 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 an Acceptance and Compliance
- 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:

- Preventative Maintenance
- Acceptance and Compliance
- Revolution Plus Differences
- Service Overview

## Day 5:

- Service Overview continued
- Parts List
- Final Exam
  - Online
- Q & A period, Wrap up. Feedback and time reporting

## Prerequisites

Before attending, it is **HIGHLY RECOMMENDED** the Student have the following prerequisites:

- **Completion of assigned online ImageView training**
- **DRX-Revolution /Carestream Mobile Generator Training – Online**
- **DRX-Revolution Mobile X-ray System: Differences Training - Online**

Before attending, the participant **MUST** have the following prerequisites:

- **DRX-1 With Mobile System Training**
- **X-Ray Fundamentals Training**

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 Windows based 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

<b>Deliverables</b>
<ul style="list-style-type: none"><li>• Certificate of Attendance</li><li>• Course Training Manuals</li><li>• Access to Service Portal for service documentation</li></ul>
<b>Other information</b>
Training will be performed in English. Personal transportation is a necessity. Participants may be required to share equipment during the lab exercises.
<b>Tuition &amp; Cancellation Policy</b>
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.
<b>Schedule</b>
<ul style="list-style-type: none"><li>• Classes begin at 8 AM and conclude at 5 PM Monday – Thursday, Class on Friday begins at 8 AM and concludes at 12 PM</li><li>• Participants must allow at least 1.5 hours between completion of class and travel departure.</li><li>• The program is structured with lectures, discussions, and lab exercises.</li></ul>
For details, please contact:
<u>US&amp;C</u> Carestream Center of Excellence Phone: 1 800-810-0327 Option 3 E-Mail: <a href="mailto:HI-Technical-Training@carestreamhealth.com">HI-Technical-Training@carestreamhealth.com</a>

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