



**TECHNICAL TRAINING FOR NON-CARESTREAM HEALTH STUDENTS
ON CARESTREAM HEALTH MEDICAL IMAGING SYSTEMS**

Customer Carestream Health DRX- Excel Plus System Service Training

COURSE CODE: P346

CATALOG #: 1741578

<i>Target Group</i>	<i>Duration (days)</i>	<i>Participant number /session</i>
Technicians and Biomedical Engineers/ Dealers and Partners	8 days	Min. 2 – max. 4 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 class, the student will be able to: <ul style="list-style-type: none">• Understand Configurations and accessories of the DRX-Excel Plus System• Identify the major hardware assemblies/subassemblies of the DRX-Excel Plus System• Navigate through the Software in the DRX-Excel Plus System• Operate the DRX-Excel Plus hardware• Describe the operation of the major circuits of the DRX-Excel Plus System• Calibrate the DRX-Excel Plus System• Troubleshoot the DRX-Excel Plus System hardware• Install and Calibrate the DRF 43 Digital Detector System• Analyze, evaluate, and troubleshoot the DRX-Excel Plus System• Perform appropriate acceptance, compliance and preventive maintenance actions

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.

CPI Indico generator:

SUBASSEMBLIES DESCRIPTION

KEYBOARD DESCRIPTION

WIRING and XRAY TUBE CALIBRATION

ABS AND AEC CONFIGURATION

WORK STATION CONFIGURATION

DRX-Excel Plus remote control table:

MECHANICAL AND ELECTRICAL DESCRIPTION

MECHANICAL AND ELECTRICAL SETTINGS

CONSOLE DESCRIPTION

TABLE INSTALLATION PROCESS DESCRIPTION

DRF43 digital system:

SUBASSEMBLIES DESCRIPTION

DETECTORS - PU CABINET - PC & MONITORS

SETTINGS & ELECTRONIC PARAMETERS

DRF43 INSTALLATION PROCESS DESCRIPTION

SFD system:

MECHANICAL AND ELECTRICAL DESCRIPTION

INSTALLATION AND SETTINGS

System adjustments:

X-RAY ALIGNMENT

DETECTOR CALIBRATION

AEC AND ABS CALIBRATIONS

OPERATING INSTRUCTIONS

SERVICE:

PREVENTIVE MAINTENANCE PLAN

UPGRADE PROCEDURES

TROUBLE SHOOTING

Prerequisites

Participant should review the following course prerequisites before enrolling:

Must

- Fundamentals of X-ray imaging course (for example, DITEC Level 1) or equivalent X-ray background
- 3-5 years of experience servicing X-ray systems
- Basic electronics and mechanical background
- Basic understanding of the use of Windows and a laptop
- An understanding of networking concepts and basic network troubleshooting

Highly recommended

- Basic understanding of Fluoroscopy
- Fluoroscopy systems servicing experience

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 98 (or newer)
- At least 20 MB of available hard drive space
- A 10/100 Ethernet NIC with an RJ-45 port
- Windows Explorer Version 4.0 or higher
- A USB Port
- A CD Drive
- A 9-PIN Serial Port (COMM1)
- 25-pin Parallel port (LPT1)
- A 3.5" Floppy Disk Drive

Deliverables

- Certificate of Attendance
- Course Training Manuals & Documentation
- Students will be provided DRX-Excel Plus Service Portal access for Service Bulletins and Service Publication 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.

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 while on their site the student complies with and works within the expected local Health and Safety requirements and guidelines.

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 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 must 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 get in touch with:

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>