Carestream

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

Audience: Biomedical Engineers, Dealers & Business Partners who support the DRX-Revolution Nano Mobile X-Ray System.

Objective & Learning Outcome:

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

- Understand the operation of the DRX-Revolution Nano System
- Identify the major hardware assemblies/subassemblies of the DRX-Revolution Nano System
- Understand how upgrade software and firmware and configure the DRX-Revolution Nano System
- Describe the operation of the major circuits of the DRX Revolution Nano
- Perform component adjustments and replacements on the DRX-Revolution Nano
- Troubleshoot the DRX-Revolution Nano System
- Perform Preventative Maintenance on the DRX-Revolution Nano System

Training Outline:

Training is performed by a Carestream Technical Trainer or Product Specialist. The class is structured with Instructor Led lecture/discussion and practical hands-on exercises.

Tentative daily schedule:

- **Monday**
    - **Nano Overview and Safety**
    - **X- ray Generation and Control**
- **Tuesday**
    - **Head and Arm Assembly**
    - **Chassis**
    - **Software and Firmware (DirectView and ImageView)**
- **Wednesday**
    - **Power Management**
    - **Diagnostics and Device History Files**
    - **A&R Procedures**
- **Thursday**
    - **Generator Removal, more A&R Procedures, Select A&C procedures**
    - **Preventive Maintenance**
- **Friday**
    - **Review Service Publications**
    - **Final Exam**

Prerequisites:

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

- Xray Fundamentals (RSTI Level 1, DITEC or Carestream Online Xray fundamentals course in the Technical Learning Center)

- DRX-1 With Mobile System Training

- ImageView Software online training assigned at registration. This training is located on the Carestream Technical Learning Center

Recommended background or experience:

- Basic electronics and mechanical background.

- Basic understanding of the use of Windows and the laptop.

- An understanding of networking concepts and basic network troubleshooting.

Required student tools:

Participants are required to bring a laptop computer or tablet to class.

The laptop or tablet should include:
- USB-A port (class materials are provided on a USB Flash Drive)
- Microsoft Office
- PDF Reader
- Wireless Networking capabilities
- Chrome or Edge web browser

Deliverables:

- Certificate of attendance available in the Technical Learning Center
- Course Training Content
- Access to Service Assets Portal for Service documentation and Service Bulletins
- SecureLink Access for the DRX-Revolution Nano Mobile X-Ray System
- LP/ CP access code for phone support through the COE (US&C only)

Other Information:

- Training will be performed in English unless otherwise communicated.
- The student is responsible for all transportation to and from the training facility.
- Participants may be required to share equipment during the lab exercises.

Schedule:

- In general, classes begin at 8 AM and conclude at 5 PM M-Thur. Classes end at 12 pm on Fridays unless otherwise noted.
- Participants must allow at least 1.5 hours between completion of class and travel departure.

Contact Information for Regional Training Coordinators

Rochester, NY

Phone: 1-800-810-0327, Option 3

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