

Item No.	Qty	Description
1	1	<p>Discovery NM 630 Nuclear Imaging System Integrated with Xeleris 3.1 Workstation</p> <p>Discovery NM630 Integrated with Xeleris 3.1 includes a Discovery NM 630 Acquisition System and the Xeleris 3.1 processing & review workstation.</p> <p>The Discovery NM 630 Acquisition System is a premium, all-purpose, dual detector free-geometry nuclear imaging system, featuring advanced, all-digital Elite NXT detector technology, a slim gantry, cantilevered patient table, and acquisition station.</p> <p>Elite NXT slim detectors are designed for all-purpose nuclear imaging with excellent image quality originating from two highly stable, slim, large rectangular field-of-view digital detectors, featuring five corrections performed on each detected event in real time, even at high count rates. The key features include:</p> <ul style="list-style-type: none">• 3/8" (9.5 mm) NaI crystal thickness• 59 high quantum efficiency circular PMTs, each coupled with one analog to digital converter• Extra Large Rectangular UFOV with no cut-off corners: 21.25" x 15.75" (54 x 40 cm)• Energy range: 40 - 620 keV• Contoured detector housing for optimal cardiac and brain SPECT imaging <p>Discovery NM630 features a wide 70 cm bore and slim gantry with free-geometry, enabling cardiac SPECT (90 degrees), general SPECT (180 degrees), whole body and planar imaging in various geometries to facilitate imaging a wide patient population. The gantry design includes several features designs for maximum clinical versatility and enhanced operational flexibility:</p> <ul style="list-style-type: none">• Externally mounted detectors for ease of positioning in all major clinical studies, including those for stretcher, standing and seated patients• Upright and horizontal detector orientations• Rapid gantry orientation transitions between procedures• Real-time, infrared-based Automatic Body Contouring (ABC) for enhanced scanning efficiency and resolution in 90 degrees & 180 degrees SPECT, and whole body scanning procedures• User-definable pre-programmed home positions for the gantry orientation and patient table

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		<ul style="list-style-type: none"> • Gantry display unit with real-time status display and an intuitive, icon-based 20-function handset accessible from either side of the gantry • Fast, semi-automatic dual collimator exchange <p>The Discovery NM 630 utilizes an ergonomic dual axis patient table, with a cantilevered telescoping design to be used for planar, whole body and SPECT applications. The low-attenuation carbon fiber table top supports a maximum patient weight of 227 kg (500 lb.) and has a maximum scan range of 200 cm (79"). A minimum table height of 53.5 cm (21") facilitates patient loading and unloading from a wheelchair or stretcher. Other key features include:</p> <ul style="list-style-type: none"> • Automated positioning via protocol selection • Manual emergency patient egress • Included patient bed mattress with straps • Easy swivel of table away from gantry around pivot point at rear of table to enable collimator changes and facilitate imaging of patients who are seated or on hospital bed/stretcher • Optional integrated EKG trigger • Optional table accessories including a head holder, table extender, arm support, leg support and additional table pads/straps <p>The Discovery NM 630 acquisition station is based on a Linux operating system with an Xeleris look-and-feel graphical user interface. The acquisition station performs exam scheduling, protocol editing, scan acquisition, QC acquisition along with routing analysis, and networking.</p> <p>Acquisition Station Hardware:</p> <ul style="list-style-type: none"> • High performance Intel based HP Z400 computer • Intel Xeon Quad Core Processor • 4 GB RAM (2 x 2 GB) • 500 GB hard drive • Flat panel display operating at 1280 x 1024 in true color + Operation is via interactive, graphical GE common user interface with the following features: • Simultaneous acquisition and energy spectrum histogram (PHA) display with up

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		<p>to 64 independent windows per detector to ensure for maximal scanning versatility with multiple isotopes).</p> <ul style="list-style-type: none"> • Acquisition termination by preset time, preset count or manual stop and the ability to resume paused acquisitions for whole body, SPECT, and gated SPECT • Pre-defined or user-configurable protocols for rapid recall and setup • Universal imaging system connectivity via DICOM 3.0 (per DICOM conformance statement) and Interfile 3.3 TCP/IP based protocols • HIS/RIS integrated workflow including DICOM Modality Work List • Ability to connect to broadband/high speed network. This virtual private network (VPN) connection to GE is a single point of access using 3DES encryption for faster data transfer with increased system uptime and productivity. <p>Data acquisitions may be performed using single or multiple isotopes in any of the following imaging modes: Static, Dynamic, Multi-Gated, Whole Body Scanning, SPECT and Gated SPECT.</p> <p>Included in the integrated system is the Xeleris 3.1 functional imaging workstation for Nuclear Medicine, PET, NM/CT and PET/CT processing, analysis, and review. Xeleris 3.1 primary benefits include a streamlined workflow, expansive clinical library, and easy access, facilitating departmental integration.</p> <p>The Xeleris 3.1 enhances nuclear imaging productivity through Ignite operational flexibility and automated workflow. This streamlined workflow combines the speed of automated intuitive processing with the freedom to modify processing parameters (if necessary), helping to optimize study results without losing the benefits of automation.</p> <p>The Ignite technology can make most clinical scans as easy as 1, 2, 3:</p> <ul style="list-style-type: none"> • (1) Select the patient from the work list on the camera • (2) Position the patient and press Start (Ignite the process) • (3) Review the results that will be automatically displayed without the need for further interaction. <p>Xeleris 3.1 features a comprehensive clinical library of user friendly processing and review tools and protocols, covering nuclear imaging needs, and providing the flexibility to customize protocols per user's requirements. The clinical library includes:</p> <ul style="list-style-type: none"> • Volumetrix MI consolidated tomographic data viewing and processing application for SPECT and PET data with or without hybrid system anatomical

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		<p>data</p> <ul style="list-style-type: none"> • Multi-FOV Pasting to automatically paste up to seven SPECT FOVs (covering the whole body) • Myovation for side-by-side reconstruction and auto reformat of cardiac SPECT, gated SPECT, and PET data including Sestamibi, Thallium, Tetrofosmin, Dual Isotope, FDG, and Rb-82 • First Pass and EF Analysis • Peak Filling Rate • L-R Shunt • Emory Cardiac Toolbox is a comprehensive set of nuclear cardiology protocols for advanced cardiac analysis, including a variety of databases of normal patients for comparison covering various acquisition protocols. • Emory SyncTool for assessment of LV asynchrony by phase analysis of gated SPECT MPI studies • Renal analysis and Renogram DMSA • Whole Body Bone and Spots Review • Gall Bladder EF analysis • Gastric Emptying analysis • Lung Analysis • Brain SPECT processing protocol • Thyroid uptake index and parathyroid imaging analysis • General Workspace application <p>The Xeleris 3.1 includes the following features to facilitate user customization, if necessary:</p> <ul style="list-style-type: none"> • Favorites tab for quick application access • Multiple customizations for the same application • Standardized annotation templates • User customizable review templates for each study type • Color map customization

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		<ul style="list-style-type: none"> • Customized security tools • Launch Two for invoking two applications simultaneously for the same dataset • Customized Aladdin programming <p>Xeleris 3.1 provides access to & integrates the entire molecular imaging department, including GE Healthcare and most non-GE Healthcare nuclear imaging systems, providing effective solutions for current and future information technology needs.</p> <p>Xeleris 3.1 supports processing, archiving and review of data received from DICOM 3 compatible NM, PET, CT and MR data, including legacy GE, SMV and Elscint NM and PET systems. Xeleris 3.1 also provides full screen dynamic displays in DICOM Multiframe Secondary Capture format and implements IHE scheduled workflow.</p> <p>The Xeleris 3.1 processing & review workstation hardware:</p> <ul style="list-style-type: none"> • High performance Intel based HP Z400 computer • Intel Xeon Quad Core Processor • 4 GB RAM (2 x 2 GB) • 2 x 500 GB SATA Hard Drive • 100 GB database capacity • Ethernet network connection (10/100/1000 Base T) • NVIDIA Quadro NVS 295 Video • CD-RW/DVD-RW Multi-Drive • 23" widescreen flat panel display • Keyboard and mouse <p>SyncTool for Emory Cardiac Toolbox is a cardiac imaging tool to analyze which heart failure patients will benefit from cardiac resynchronization therapy (CRT). This software application provides a quantitative assessment of LV asynchrony by phase analysis of gated SPECT MPI studies. SyncTool works on Syntermed's Emory Cardiac Toolbox (ECTb) 2.1 or later.</p>
2	1	<p>Discovery NM LEHR Collimators with Cart</p> <p>D670 Low Energy High Resolution Collimators Includes: o Two LEHR Collimators o Collimators Mounted on a Dedicated Collimator Cart</p>

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3	1	Discovery NM MEGP Collimators with Cart D670 Medium Energy General Purpose Collimators Includes: o Two MEGP Collimators o Collimators Mounted on a Dedicated Collimator Cart
4	1	D670 High Energy General Purpose Collimators Includes: - Two HEGP Collimators Collimators Mounted on a Dedicated Collimator Cart
5	1	A set of 1 pinhole collimator with 3 inserts with collimator cart for Discovery NM 670
6	1	D670/630 & B615 QC Point Source Holder
7	1	Quality Control Flood Source Holder Kit
8	1	Center of rotation source holder for Quality assurance , easily attached to Infinia or Ventri table.
9	1	bar phantom for spatial resolution and linearity tests of gamma cameras. The phantom consists of four quadrants with different bar specification: For each of the quadrant, bar spacing is 2.5mm, 3.2mm, 3.5mm & 4.0mm.
10	1	O640 FIXTURES 4 UPS 480V
11	1	D670 AXIAL HEAD HOLDER The Axial Head holder is ergonomically designed to position patient's head outside of the patient tabletop pallet , enabling brain SPECT orbiting as close as possible to the patient's skull with maximal coverage of the target tissue
12	1	NM 600 Series Patient Pallet Extender The patient pallet extender for NM 600 Series products can be used to extend the table top for multi-FOV SPECT, SPECT/CT and whole body studies. Length is 600mm; Width is 391mm; 300mm extension Note - The use of the extender requires more space between the camera and the back wall of the scan room. Consult with GE Healthcare project manager for minimum room size requirements.
13	1	D670 -D630 Touch Ruler An interactive touch-sensitive device mounted at one side of the patient table, used to define nuclear imaging scan range (start and stop points), saving the need to enter

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		these values manually from the operator console
14	1	<p>NORAV ECG GATING FOR D630</p> <p>A compact ECG gating device for Discovery 630 gated cardiac studies , embedded in the Patient table in order to simplify operation.</p>
15	1	<p>The acquisition cart is an ergonomically designed, flexible, mobile yet stable device. The cart is designed to carry a display monitor, a Keyboard, a mouse and a PC-tower on board. Modular design enables easy customization by flexible positioning of the keyboard support tray , the monitor support bracket height ,the screen angle and the mouse support tray orientation (left/right) per user preferences and needs.</p>
16	3	Xeleris 3 software only upgrade to Xeleris 3.1
17	1	<p>Ectoolbox VI Workstation A comprehensive set of nuclear cardiology protocols for advanced cardiac analysis, including a variety of databases of normal patients for comparison covering various acquisition protocols, including 1 and 2 day Sestamibi, Dual Isotope, Stress/Rest Tetrofosmin, Thallium, Myoview Pharmacologic Stress, and a 1 day Rest/Stress Tetrofosmin for GE Healthcare Discovery NM 530c and NM/CT 570c cameras.</p>
18	1	<p>Cedars Sinai Cardiac Packages (option) A comprehensive set of nuclear cardiology protocols for advanced cardiac analysis, including:</p> <ul style="list-style-type: none"> o Cedars Sinai Quantitative Perfusion SPECT? (option) o Automatic 3-Dimensional software approach to quantitative Perfusion SPECT. o Cedars Sinai Quantitative Gated SPECT? (option) o An application calculating the ejection fraction of the left ventricle and a 3D surface display is generated. o Cedars Sinai Companion (option) o Optional module for QGS and QPS applications features - 17 segment scores and templates in QPS - Diastolic filling parameters in QGS - Eccentricity ratio in QGS
19	3	<p>Pluspack lite Package (option):</p> <ul style="list-style-type: none"> o Prone/Supine database o Stress/Rest registration and serial change o Shape Index
20	1	<p>Evolution Family contains the following:</p> <p>EFB FOR XELERIS 3</p> <p>Evolution for Bone provides Evolution Resolution Recovery reconstruction on SPECT bone scans. The Efb application may be utilized to provide equivalent image quality on half-dose or half-time bone scans. This license H3901MD processes Infinia,Infinia Hawkeye 4,and Discovery 670 family of camera data. This license can only function with pre-requisite JHU-RR (H3901KS/H3901KT) and (H3602NH) EFB SPECT CAMERA</p>

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		<p>LICENSE</p> <p>Evolution for Cardiac for Xeleris 3</p> <p>Evolution for Cardiac provides EfC provides Evolution Resolution Recovery Reconstruction on SPECT Myocardial Perfusion Imaging (MPI) scans. The EfC application may be utilized to provide equivalent image quality on half-dose or half-time MPI scans. This license H3901ME processes Infinia, Infinia Hawkeye 4, Ventri and Discovery 670 family of camera data. This license can only function with pre-requisite JHU-RR (H3901KS/H3901KT) and (H3602NJ) EFC SPECT CAMERA LICENSE</p> <p>EVOLUTION PLANAR BONE</p> <p>Xeleris 3 Evolution for Planar Bone enables reduced time or dose on whole body or spot bone studies acquired on Discovery 670 NM/CT and Infinia cameras.</p> <p>JHU RR 1ST OR 2ND LICENSE</p> <p>Xeleris Plug-in for Evolution Family enables the integration of Evolution Resolution Recovery Applications within the Xeleris 3 workflow. Single license required for all applications except Evolution for Planar Bone.</p> <p>Evolution for Bone SPECT Camera License</p> <p>Enables Camera capability to provide data for Evolution for Bone (EfB). EfB provides Evolution Resolution Recovery reconstruction on SPECT bone scans. The EfB application may be utilized to provide equivalent image quality on half-dose or half-time bone scans. Available for Infinia and Infinia Hawkeye 4 (on Windows XP Operating System) as well as Discovery NM/CT 670. This license can only function with pre-requisite JHU-RR (H3901KS/H3901KT) and EFB FOR XELERIS3 (H3901MD)</p> <p>EFB PLANAR CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution for Planar Bone (EfPB). EfPB provides adaptive Structure Matching non-Local filtering on planar bone scans. The EfPB application may be utilized to provide equivalent image quality on half-dose or half time bone scans. effective for D670, D630, Infinia and Infinia Hawkeye 4 family of cameras. This license can only function with pre-requisite Evolution Planar Bone (H3901NF)</p> <p>Evolution for Cardiac Camera License</p> <p>Enables Camera capability to provide data for Evolution for Cardiac (EfC). EfC provides Evolution Resolution Recovery reconstruction on SPECT Myocardial Perfusion Imaging (MPI) scans. The EfC application may be utilized to provide equivalent image quality on half-dose or half-time MPI scans. Available for Infinia and Infinia Hawkeye 4 (on Windows XP Operating System) as well as Discovery NM/CT 670 and Ventri. This</p>

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		<p>license can only function with pre requisite JHU-RR (H3901KS/H3901KT) and EFC FOR XELERIS3 (H3901ME)</p> <p>EVOLUTION TOOLKIT</p> <p>Xeleris 3 Evolution Toolkit provides Evolution reconstruction benefits integrated within the Volumetrix MI workflow. The Evolution Toolkit contains statistical tools to model reduced time or injected dose. Evolution reconstruction supports Tc99m, In111, Ga67, I123 and Tl201 isotopes and the Discovery 670 NM/CT and Infinia cameras.</p> <p>EVOLUTION TOOLKIT CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution Toolkit. The Evolution Toolkit provides Evolution Resolution Recovery reconstruction on SPECT scans resulting in improved resolution and contrast. The Evolution Toolkit application may be utilized with included statistical re-sampling tools to determine optimal dose or time reduction on SPECT studies. Evolution Toolkit supports Tl201, Tc99m, I-123, Ga67, In111 isotopes. Available for Infinia and Infinia Hawkeye 4 (on Windows XP Operating System) as well as Discovery NM/CT 670 and Ventri. This license can only function with pre-requisite JHU-RR (H3901KS/H3901KT) and EFB FOR XELERIS3 (H3901MD)</p>
21	1	<p>8 Days Onsite plus 10 Hours TVA</p> <p>Eight days onsite delivered in 3 visits, one 4 day, and two 2 day plus 10 hours TVA training for NM Camera System and Workstation.</p> <p>Onsite training is delivered Monday through Friday between 8AM and 5PM. T&L expenses are included. This training program must be scheduled and completed within 36 months after the date of product delivery.</p>
22	1	<p>CT Main Disconnect Panel - 125 Amp with Auto Restart</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • Custom panel serves as the main power disconnect between the CT system and the facility 400-480V power source Panel provides short circuit, overload, undervoltage release, automatic restart, and emergency shut down for the CT system • Reduces installation time and cost by providing a single-point power connection eliminating the need to mount and wire a number of individual components • Standardized design and testing assures high product quality and system reliability • On systems where the optional 12.5 kVA partial system UPS is ordered, the Main Disconnect Panel also provides mandated emergency power off control via a

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		<p>UPS output disconnect function included in the panel design</p> <ul style="list-style-type: none"> Provides a standardized platform for future UPS or other GE engineered modifications or upgrades <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> Dimensions (H x W): 30.24 in. x 19.78 in. Enclosure Depth: 7.05 in. Handle Depth: 10.3 in. Weight: 110 lbs. UL, cUL and CE labeled Panel disconnect provides OSHA lockout/tagout provisions Surface or semi-flush mounting Partial system UPS sold separately (E4502F) <p>COMPATIBILITY</p> <ul style="list-style-type: none"> CT LS Pro 16, LS Pro 32, RT Systems, LS VCT, CT 750HD, Discovery 690 VCT <p>NOTES:</p> <ul style="list-style-type: none"> Customer is responsible for rigging and arranging for installation with a certified electrician ITEM IS NON-RETURNABLE AND NON-REFUNDABLE
23	1	<p>Butterfly (R-Made) Armrest</p> <p>Designed to support a patient's arms during cardiac SPECT and other imaging procedures. Armrest offers new solution to motion artifact caused by the discomfort and pain of prolonged upper extremity hyperextension and abduction. Fast and easy to use, can be mounted and removed in one piece, and is tightly secured by adjustable mounting straps. Polyethylene construction is durable, nonbreakable, and easily learned. Measures 18 in. L x 14 in. W x 8 in. H; weighs 2.5 lb. Recommended for use with GE Optima Systems. Warranty Code H</p>
24	1	<p>Patient Arm Support for NM, PET/CT, MR</p> <p>Padded Arm Rest combines total arm support and passive restraint, increasing patient comfort during extended procedures. Designed to accommodate virtually all patients. Compatible with most Nuclear Imaging systems and can also be used in MRI, CT and PET applications. Constructed with a comfortable, full support polyfoam with a seamless coated finish. Warranty Code: H</p>
25	1	<p>Patient Leg Rest for Nuclear, PET/CT, MRI</p>

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		<p>Contoured Leg Rest prevents low back stress and pain that occurs during supine imaging and treatment, measures 7 in. H x 17 in. D x 13 in. W. Designed to accommodate virtually all patients. Compatible with most Nuclear Imaging systems and can also be used in MRI, CT and PET applications. Constructed with a comfortable, full support polyfoam with a seamless coated finish. Warranty Code: H</p>
26	1	<p>Quick Straps 3 in. x 30 ft.</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • Disposable Velcroy like hook and loop strapping can be cut to whatever length you need • Smooth, non-adhesive back <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> • Each roll measures 3" W x 30' L • Sold per roll
27	1	<p>Perflexion Flexible Flood Source</p> <p>Unique tungsten composite WolfGuard shield offers the best protection available. The Perflexion flood source is the only flexible flood source. Flood source collapses to fit in a 6 in. x 6 in. x 22 in. tube, and weighs less than 20 lbs. For storage and transport the flood source and shield are packed in its own case. This case stops > 99% of radiation, resulting in a typical 0.7 mR/hr surface measurement from a 10 mCi source. This is 5-10X lower than a typical lead hard case. Perflexion's unique carbon fiber backing matrix means you can calibrate dual-head cameras easily. The superior shielding and compact size allows you to store the source in your camera lab. All sources are non-returnable and non-refundable. A copy of the site license must be provided before order can be filled...H</p>
28	1	<p>Nuclear Basic Service (Class/Lab)</p> <p>The Nuclear Basic Service class will provide the student with the theory of how a Gamma Camera operates and allow them to work safely in a nuclear environment. They will gain hands on experience on a variety of current GE Nuclear equipment allowing them to perform basic service This course must be taken within 2 years from the purchase date.</p>
29	1	<p>Discovery NM/CT 670 is a new high performance all-purpose dual head nuclear medicine imaging system, which is scalable to a hybrid scanner with a BrightSpeed 16. The Discovery CT/NM 670 shall have the capability of full CT functionality, full NM functionality, and hybrid CT/NM acquisition modes. This provides best in class NM and</p>

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		CT image quality, inherently registered anatomical and functional information, and CT attenuation correction. The system that does not include CT functionality is called Brivo NM615. This course must be taken within 2 years from the purchase date.
30	15	<p>Meals and Lodging Expense has been developed to allow the customer the convenience of prepaying for their meals and lodging expenses when attending Technical Service Training at the GE Healthcare Institute located in Waukesha, WI.</p> <p>The price of this convenience is based on a per day basis. Thus a quantity of 1 is equal to 1 day's meals and lodging expense. When purchasing the meals and lodging expense please be mindful of weekend days during the training stay and include 2 days to cover a weekend in the purchase quantity.</p> <p>Examples: A 5-day course needs a quantity of 5. Any course longer than 5 days should include 2 days to account for the weekend stay. Any course longer than 10 days will require an additional 4 days of the meals and lodging expense to cover the 2 weekends of the stay. Thus a 15-day course would have a quantity of 19 days to cover the 2 weekends of the stay. This expense must be used within 2 years from the purchase date.</p> <p>Three meals a day Monday thru Thursday, 2 meals on Friday, plus breaks are provided in the onsite cafeteria. The GE Healthcare Institute cafeteria closes Friday after lunch and reopens Monday morning for breakfast. Weekend meals are the responsibility of the customer.</p> <p>Only for In-resident courses to be taken at the GE Healthcare Institute.</p>
31	2	<p>The AIRFARE EXPENSE has been developed to allow the customer the convenience to prepay their roundtrip Airfare expenses when attending Technical Service Training at the GE Healthcare Institute located in Waukesha, WI. To be used for engineers attending In-Resident Class/Lab courses for Diagnostic Imaging.</p> <p>Customer will make their Airfare arrangements thru the GE Travel Center. Specific directions will be provided to the customer upon confirmation of class. Please note that this expense must be used within 2 years of the purchase date</p>
32	1	<p>Lodging Weekend Expense</p> <p>Weekend Lodging Expense is to cover Saturday and Sunday lodging expenses for those engineers who are staying at the Rivers Edge Condos while attending Diagnostic Imaging Biomed training at the Healthcare Institute. Please note that there are no meals included on the weekend. Must be used within 2 years from the purchase date.</p>
33	1	Xeleris Service Web

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34	1	<p>Xeleris 2.0 e-training provides a comprehensive training tool that allows field engineers to install, configure, maintain and service the Xeleris 2.0 workstation. This course must be taken within 2 years from the purchase date.</p> <p>Troubleshooting Basics Service (Web)</p> <p>This Course is Intended for Individuals Involved in Servicing Medical Equipment. By Taking This Course, You will Learn a Proven Process for Troubleshooting Problems with Medical Equipment. You will Also Learn How to Use Various Tools in a Troubleshooting Situation and How to Interpret Error Messages. This Course Does Not Address How to Troubleshoot Specific Products. It is Recommended That you Have Fundamental Training in a Modality Prior to Taking This Course. This course must be taken within 2 years from the purchase date.</p>