

Qty	Description
1	<p>Discovery NM630 Low Dose & Beyond</p> <p>Discovery NM630 Nuclear Imaging System Integrated with Xeleris 3 Workstation, Evolution for Bone SPECT and Evolution for Cardiac</p> <p>Discovery NM630 Integrated with Xeleris 3 includes a Discovery NM 630 Acquisition System and the Xeleris 3 processing and review workstation.</p> <p>The Discovery NM630 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 includes several features designed for maximum clinical versatility and enhanced operational flexibility:</p>

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	<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 patientsUpright and horizontal detector orientationsRapid gantry orientation transitions between proceduresReal-time, infrared-based Automatic Body Contouring (ABC) for enhanced scanning efficiency and resolution in 90 degrees & 180 degrees SPECT, and whole body scanning proceduresUser-definable pre-programmed home positions for the gantry orientation and patient tableGantry display unit with real-time status display and an intuitive, icon-based 20-function handset accessible from either side of the gantryFast, semi-automatic dual collimator exchange

The Discovery NM630 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:

- 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 3/17
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	<ul style="list-style-type: none"> Optional table accessories including a head holder, table extender, arm support, leg support and additional table pads/straps <p>The Discovery NM630 acquisition station is based on a Linux operating system with user interface similar to the Xeleris. The acquisition station performs exam scheduling, protocol editing, scan acquisition, QC</p> <p>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 <p>Operation is via an interactive, graphical, common GE user interface with the following features:</p> <ul style="list-style-type: none"> Simultaneous acquisition and energy spectrum histogram (PHA) display with up to 64 independent windows for maximal scanning versatility with multiple isotope(s). 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 Ignite accelerated workflow technology to streamline the workflow as described below 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 4/17

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.

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.

Included in the integrated system is the Xeleris 3 functional imaging workstation for Nuclear Medicine, PET, NM/CT and PET/CT processing, analysis, and review. Xeleris 3 primary benefits include a streamlined workflow, expansive clinical library, access integration.

The Xeleris 3 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.

The Ignite technology can make most clinical scans as easy as 1, 2, 3:

- (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.

Xeleris 3 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 users requirements. The clinical library includes:

- Volumetrix MI consolidated tomographic data viewing and processing application for SPECT and PET data with or without hybrid system anatomical data
- Multi-FOV Pasting to automatically paste up to seven SPECT FOVs (covering the whole body)
- Myovation for side-by-side reconstruction and auto 5/17

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	<p>reformat of cardiac SPECT, gated SPECT, and PET data including Sestamibi, Thallium, Tetrofosmin, Dual Isotope, FDG, and Rb-82</p> <ul style="list-style-type: none"> • 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 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 • Customized security tools

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	<ul style="list-style-type: none"> • Launch Two for invoking two applications simultaneously for the same dataset • Customized programming capability via the Aladdin toolset <p>Xeleris 3 provides access to and 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 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 also provides full screen dynamic displays in DICOM Multiframe Secondary Capture format and implements IHE scheduled workflow.</p> <p>The Xeleris 3 processing and 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>

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	<p>Motion Detection and Correction (MDC) is an automated cardiac and general purpose SPECT motion correction integrated into Xeleris applications. The application will detect and automatically correct for motion in the X and/or Y-axis, with dual head, image masking and gradient mode selectable options for improved accuracy. MDC is integrated into the Myovation, Volumetrix MI, and brain SPECT applications.</p> <p>Xeleris plug-in for Evolution family enables the integration of Evolution resolution recovery applications into the Xeleris 3 workflow. Single license required for all applications except Evolution for Planar Bone.</p> <p>The Evolution for Bone SPECT algorithm models the collimator-detector response, improves Bone SPECT resolution, signal to noise ratios and reduces noise variability. Evolution for Bone SPECT enables improved resolution of bone SPECT studies acquired over standard acquisition time or non-inferior image quality with up to 50% reduction in count density, achieved by either imaging at 1/2 acquisition time or injecting with 1/2 dose (or any combination of the two) when compared to standard bone SPECT imaging protocols. The</p> <p>Evolution for Bone reconstruction is an additional module within the Volumetrix MI application.</p> <p>The Evolution for Bone SPECT Camera License enables the acquisition of Evolution for Bone SPECT data sets on the Infinia and Discovery 600 series cameras.</p> <p>The Evolution for Planar Bone includes a noise reduction algorithm that preserves the finest structures in the image using well-suited pixel size and optimal energy window settings. This Adaptive Structure Matching Non-Local Filter enables improved planar image quality for the same scan time, shorter planar scan time while preserving image quality, or reduced injected dose with the same scan time while preserving image quality. The Evolution for Planar Bone reconstruction is an additional module within the Whole Body Bone and Spots Review application.</p> <p>The Evolution for Planar Bone Camera License enables the acquisition of Evolution for Planar Bone data sets on the Infinia and Discovery 600 series cameras.</p>

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	<p>The Evolution for Cardiac resolution recovery algorithm models the collimator-detector response, improves cardiac SPECT resolution, signal to noise ratios and reduces noise variability. Evolution for Cardiac provides non-inferior image quality with up to 50% reduction in count density, achieved by either imaging at 1/2 the acquisition time or injecting with 1/2 the dose (or any combination of the two) when compared to standard MPI protocols. The Evolution for Cardiac reconstruction is an additional module within the Myovation application.</p> <p>The Evolution for Cardiac Camera License enables the acquisition of Evolution for Cardiac data sets on the Ventri, Infinia and Discovery 600 series cameras.</p> <p>The Evolution Tool Kit is a package enabling improved resolution and reduced noise for SPECT studies of Tc99m, 1123, In111 and Ga67 by using the Evolution reconstruction technique with resolution recovery. Compared to standard FBP or iterative reconstruction, Evolution Tool Kit can enable improved visual clarity. Evolution Tool Kit includes Poisson and Angular re-sampling tools to for imaging simulation of various levels of count densities to test the impact of time or dose reduction on image quality. Evolution Tool Kit reconstruction is an additional module within the Volumetrix MI application.</p> <p>The Evolution Tool Kit Camera License enables the acquisition of Evolution Tool Kit data sets on the Ventri, Infinia and Discovery 600 series cameras.</p> <p>GE NM 600 Series LEHR Collimators (2) with Cart</p> <p>Discovery NM LEHR Collimators with Cart</p>
1	<p>D670 Low Energy High Resolution Collimators Includes: o Two LEHR Collimators o Collimators Mounted on a Dedicated Collimator Cart</p>
1	<p>GE NM 600 Series MEGP Collimators (2) with Cart</p> <p>Discovery NM MEGP Collimators with Cart</p> <p>D670 Medium Energy General Purpose Collimators</p> <p>Includes: o Two MEGP Collimators</p>

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1	<p>o Collimators Mounted on a Dedicated Collimator Cart</p> <p>GE NM 600 Series PINHOLE Collimator (1) W/CART</p> <p>A set of 1 pinhole collimator with 3 inserts with collimator cart for Discovery NM 670</p>
1	<p>D670/630 & B615 QC Point Source Holder</p> <p>An L-shaped metal plate attachable to the wall with an opening for a syringe in order to acquire point source-based flood acquisition at a few meters distance from vertically positioned detector for QA purposes.</p>
1	<p>D670/630 & B615 QC Flood Source Holder Kit</p> <p>Quality Control Flood Source Holder Kit A large plate mounted at a small distance above the NM detector on which the flood source is positioned in order to perform acquisition of flood studies for QA/QC purposes.</p>
1	<p>QA COR Source Holder</p> <p>Center of rotation source holder for Quality assurance , easily attached to Infinia or Ventri table.</p>
1	<p>bar phantom for spatial resolution and linearity tests of gamma cameras. The phantom consists of four quadrants with different bar specification:</p> <p>For each of the quadrant, bar spacing is 2.5mm, 3.2mm, 3.5mm & 4.0mm.</p>
1	<p>Axial Head Holder</p> <p>D670 AXIAL HEAD HOLDER</p> <p>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</p>
1	<p>PALLET EXTENDER</p>

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	<p>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.</p> <p>Length is 600mm; Width is 391mm; 300mm extension</p> <p>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.</p>
1	<p>D670-D630 TOUCH RULER</p> <p>D670 -D630 Touch Ruler</p> <p>An interactive touch-sensitive device mounted at one side of the patient table, used to define nuclear imaging scan range I start and stop points), saving the need to enter these values manually from the operator console</p>
1	<p>STRAPS AND PAD KIT</p> <p>Long table pad and straps</p>
1	<p>NORAV ECG GATING</p> <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>
1	<p>NM600 DETECTORS DISMOUNT</p> <p>NM600 DETECTORS DISMOUNT</p> <p>An option enabling transportation and mobilization of the NM600 series gantry separated from the detectors for easier load in elevators or easier access through restricted paths such as narrow hallways or doorways</p>
1	<p>Mobile Computer Cart wi PC Holder</p> <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.</p>

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	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.
1	X3 SW ONLY UPG TO X3.1
	Xeleris 3 software only upgrade to Xeleris 3.1
1	Xfl Client (2nd Per Srv)
	Additional Concurrent Use Client for Xeleris Suite Server (2nd)
1	Xfl Client (3rd Per Srv)
	Additional Concurrent Use Client for Xeleris Suite Server (3rd)
1	X3.1 CEDARS SUITE 1ST N 2
	Cedars Sinai Cardiac Packages (option) A comprehensive set of nuclear cardiology protocols for advanced cardiac analysis, including: 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
1	DATQUANT LICENSE
	DaTQUANT DaTQUANT application allows visual evaluation and quantification of loflupane (1231) images.
	DaTQUANT advanced quantification may provide additional information that would not be revealed by visual reading alone.
	DaTQUANT includes:
	<ul style="list-style-type: none"> Automated non-rigid registration with predefined loflupane (1231) template followed by manual adjustment and confirmation Fast loflupane (1231) SPECT image quantitative analysis: computation of uptake values in the striatum, striatal

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	<p>binding ratios, putamen/caudate ratios, and left/right asymmetry</p> <ul style="list-style-type: none"> • Repeatable and more accurate analysis • Easy and consistent reporting (PDF format) for referring physicians Note: DaTQUANT is available for sale only for countries where loflupane (1123) pharmaceutical is approved for use.
1	<p>Xeleris 3 USB Hasp</p> <p>Nuclear Medicine Camera License HASP</p>
1	<p>TiP HQ Class NM Workstation - Full Service</p> <p>TiP HQ Class NM Workstation - Full Service</p> <p>3.5 day TIP NM Workstation course held in the Milwaukee area. Includes travel and modest living expenses.</p> <p>This course will prepare the technologists and Physicians for performing the daily workstation operations.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
1	<p>6 Days Onsite Plus 10 Hours TVA</p> <p>6 Days Onsite Plus 10 Hours TVA</p> <p>6 Days, 2 Visit Onsite plus 10 Hours TVA training for NM Camera System and Workstation.</p> <p>Onsite training is delivered Monday through Friday between 8AM and 5PM. TELL expenses are included. This training program must be scheduled and completed within 36 months after the date of product delivery.</p>
1	<p>6 KVA UPS for Nuclear Medicine</p> <p>6 KVA UPS for Nuclear Medicine</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • The use of uninterruptible power enables the system imaging to be completed after the loss of supply power, and allows for saving of valuable data and orderly system

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	<p>shutdown</p> <ul style="list-style-type: none"> • The Online Double Conversion UPS eliminates all power anomalies such as noise, transients, overvoltage and undervoltage, which could damage the imaging system's sensitive computer components • Improves imaging system reliability, reduces service costs, and increases system uptime • Cell Saver Technology provides conditioned power even during severe brownout conditions without depleting battery resources • System monitoring via: LanSafe III / FailSafe III software, (2) RS-232 Ports • PowerPass Module further enhances reliability through Maintenance Bypass Switch which performs maintenance or upgrade your UPS without powering down your critical systems <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> • Dimensions (H x W x D): 33.6" x 9.9" x 15.8" • Weight: 218 lbs. • Input Voltage: 200 - 240 VAC • Output Voltage: 120/240, 120/208 VAC • Frequency: 45-65 Hz <p>COMPATIBILITY</p> <ul style="list-style-type: none"> • Maxxus NM <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
1	<p>Butterfly Armrest</p> <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</p>

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	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
1	<p>Patient Leg Rest for Nuclear, PET/CT, MRI</p> <p>Patient Leg Rest for Nuclear, PET/CT, MRI</p> <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>
1	<p>NUCLEAR BASIC SERVICE</p> <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>
1	<p>DISC NM630 & BRIVO NM615</p> <p>Discovery NM630 and Brivo NM615(class/lab)</p> <p>This course provides information on system components and the tasks required to calibrate and service the Discovery NM/CT670, Discovery NM630 and Brivo NM615 systems. Additional CT training may be required for D670 certification. This training must be taken within 2 years from the purchase date. Contact us at geeducation@ge.com 877-438-4788.</p>
10	<p>Meals And Lodging Expense</p> <p>Meals and Lodging Expense has been developed to allow the customer the convenience of prepaying for their meals and</p>

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	<p>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>
1	<p>Airfare Expense</p> <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>
1	<p>Lodging Weekend Expense</p> <p>Lodging Weekend Expense</p> <p>Weekend Lodging Expense is to cover Saturday and Sunday</p>

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	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.
1	<p data-bbox="388 577 618 602">XELERIS 2.0 SERVICE</p> <p data-bbox="388 630 607 655">Xeleris Service Web</p> <p data-bbox="388 682 1071 814">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>
1	<p data-bbox="388 850 800 875">Troubleshooting Basics Service (web)</p> <p data-bbox="388 903 805 928">Troubleshooting Basics Service (Web)</p> <p data-bbox="388 955 1101 1268">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>