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| 1 | <p data-bbox="407 422 724 449">Discovery NM/CT 670 ACQO</p> <p data-bbox="407 470 1279 680">Discovery NM/CT 670 brings together the new NM detectors, new wide bore gantry, and the BrightSpeed Elite multi-detector CT with LightSpeed VCT technology inside. This powerful Combination provides high quality hybrid SPECT/CT, standalone NM, and standalone CT images across a wide range of applications with shorter acquisitions achieved via better efficiency, dose reduction and improved image quality.</p> <p data-bbox="407 701 824 728">Discovery NM/CT 670 Main Features:</p> <p data-bbox="407 749 1227 854">Operator ergonomics all gantry operators of Various heights and ensure visibility of the patient. Side controls are optimally positioned to support detectors and persistence display during scan set-up.</p> <p data-bbox="407 875 570 903">NM Detectors:</p> <p data-bbox="407 924 1240 1029">The integrated system includes two extra large rectangular all-digital detectors with a 3/8 crystal for all-purpose nuclear imaging featuring five real-time corrections:</p> <ul style="list-style-type: none"> <li data-bbox="407 1050 548 1077">o Uniformity <li data-bbox="407 1098 529 1125">o Linearity <li data-bbox="407 1146 509 1173">o Energy <li data-bbox="407 1194 591 1222">o Isotope decay <li data-bbox="407 1243 704 1270">o Center of Rotation (COR) <p data-bbox="407 1291 829 1318">3/8 Nuclear Detector Characteristics:</p> <ul style="list-style-type: none"> <li data-bbox="407 1339 987 1367">o 59 circular PMT's-53x3 (76mm) and 6x1.5 (38mm) <li data-bbox="407 1388 776 1415">o Crystal Thickness: 3/8 (9.5mm) <li data-bbox="407 1436 850 1463">o UFOV: 54x40 cm,plus or minus 0.5cm <li data-bbox="407 1484 724 1512">o Energy Range: 40-620keV <p data-bbox="407 1533 794 1560">Wide Bore Gantry Characteristics:</p> <ul style="list-style-type: none"> <li data-bbox="407 1581 1187 1640">o Automated detector radial motion(in/out), rotation around the ring, transitions between 180 and 90 or other orientations <li data-bbox="407 1661 1279 1745">o Flexible design enables a variety of scanning orientations including upright seated or standing patients and imaging patients on stretchers. <li data-bbox="407 1766 1175 1793">o The stationary gantry is optionally secured to the floor, increasing |

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| | <p>tomographic center-of-rotation precision.</p> <ul style="list-style-type: none"> o Camera setup is performed interactively by the remote control handset and via user-definable pre-programmed acquisition-specific gantry modes. A gantry display screen displays the current status of the gantrys moving parts and the patient table. o Real-time, infrared-based Automatic Body Contouring (ABC) to enhance scanning efficiency and resolution in 90&180 degree SPECT, and Whole Body procedures. ABC enables safely minimizing patient-detector distance while maximizing image quality. o Hybrid and CT Stand Alone setup is performed using the CT panels including coronal, sagittal and transaxial lasers control and landmark set up. o Integrated breathing lights and countdown timer. <p>Patient Table:</p> <p>A dual-axis table is used for planar, whole body SPECT and CT applications.</p> <p>Key Patient Table Features Include:</p> <ul style="list-style-type: none"> o Whole body scans acquired in step & shoot simultaneous anterior and posterior scans. o A low attenuation carbon fiber tabletop includes mattress pad/straps for maximum patient comfort. o Automated, flexible and accurate positioning during setup provides ease of use. o Manual emergency egress of the patient before or during the scan. o Mobile design enables easy swiveling of the table away from the gantry on a pivot point at the rear, facilitating dual-collimator exchange and imaging of the seated and stretcher patients. o Free access from both sides for patients loading and unloading with IV, EKG or other devices. <p>Acquisition Console:</p> <p>The integrated SPECT-CT acquisition console employs a Graphic User Interface for exam scheduling, scan acquisition, CT reconstruction and scan QC as well as utilities for protocol editing and routine quality control and analysis. In addition, the BrightSpeed Elite CT desktop environment is available for CT imaging including: protocol definition, networking and archiving manual film control as</p> |

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| | <p>well as CT image processing such as multi-planar reformatting (MPR), multi projection volume rendering (MPVR) and MR image display.</p> <ul style="list-style-type: none"> o One integrated gantry containing a BrightSpeed Elite CT with Performix Ultra Metal-Ceramic X-Ray tube and 16-slice detector, 24 PET detector rings of bismuth germinate (BGO) crystals, high-speed electronics and PET image reconstruction system. o Direct Multi Planar Reformat delivers automated axial, sagittal, and coronal reconstruction. Direct3D TM automatically builds 3D models during axial image reconstruction. <p>The Discovery NM/CT 670 includes the GE BrightSpeed Elite 16 slice CT that can perform a wide variety of clinical applications not requiring gantry tilt and has the following features Technology</p> <ul style="list-style-type: none"> o 0.625mm FWHM at Helical: Helical reconstruction technologies, crossbeam correction, conjugate ray interpolation and hyper plane helical reconstruction with alpha smoothing method allow Scan Thin 0.625mm, and Recon Thin 0.625mm. o IQ Enhance (IQE) algorithm is an advanced algorithm designed to reduce artifact in thin-slice helical scanning. Use of IQ enhance allows faster pitch scanning covering more anatomy at same image quality. The coverage speed is equivalent to a 50 slice CT scanner at same table speed in helical scanning. o Performix tube provides high power for multi-organ acquisition, sub-millimeter slice thicknesses and sub-second scanning. SmartTube technology adapts to clinical needs to improve longevity and reliability. o Short gantry geometry offering high X-ray efficiency, in conjunction with hyper generator and the Performix Ultra X-ray tube, delivers up to 440mA and seamless throughput o Volara Digital DAS, Data Acquisition System, with an increased sampling rate of up to 20% and noise reduction up to 33%, results in outstanding image quality in signal-starved areas (shoulder, hip, large patient, metal). o With an optimized beam, the Discovery NM/CT 670 with BrightSpeed Elite helps reduce the dose even without post-patient collimation. With post-patient collimation, one half of the beam never reaches the detector, resulting in wasted dose. In GE's BrightSpeed, the beam narrows before entering the patient, reducing the dose and optimizing the beam for image generation. <p>Dose Management:</p> |

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| | <ul style="list-style-type: none"> o 3D mA modulation automatically tailors exposure parameters, patient to patient and real-time xyz during each scan, resulting in up to 40% dose reduction. o ECG Dose Modulation: prospective ECG dose modulation automatically adjusts the mA to reduce dose during systolic phases of the cardiac cycle. o "Color Coding for Kids" protocol provides pediatric scan protocols based on the Broselow-Luten Pediatric System, designed to facilitate pediatric emergency care and reduce medical errors. o Exclusive Neuro 3D Filter delivers up to 20 percent IQ improvement in noise reduction at the same dose level, or can reach the same image quality (noise) with up to 36 percent dose reduction. o Dose report: In conjunction with prospective display of CTDIvol, DLP and dose efficiency, dose report helps clinicians reach ALARA dose, and keep track of it. Report is available in both DICOM secondary capture and structured report format. <p>User Console:</p> <ul style="list-style-type: none"> o Freedom workspace, consisting of innovative hardware and software, creates a unique convenient, ergonomic working environment. <p>It offers sit/stand and horizontal/vertical monitor flexibility. It can also help reduce noise and heat with remote location of the console</p> <p>Exam Scheduling and Scan Setup:</p> <ul style="list-style-type: none"> o Faster patient setup and greater flexibility in patient positioning than preceding products through the use of: <ul style="list-style-type: none"> - Advanced Robotic motions - Fast, Easy and reproducible automatic positioning. - Automatic Body Contouring for SPECT and Planar Whole-body Imaging. o Multi-scan protocols define the normal sequence of scans for the selected study protocol. Additional scans can be added. o Factory defined protocols are available to support all standard NM, SPECT-CT and CT clinical applications. o Preview of scan conditions including display of: <ul style="list-style-type: none"> - Energy spectrum for each detector including adjustment of the energy window. |

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| | <ul style="list-style-type: none"> - Persistence display during patient positioning (visible on the console as well as the gantry Side display). - ECG trigger display for quality control purposes. <p>Monitoring Acquisition:</p> <ul style="list-style-type: none"> o Synchronizing patient ECG trigger data with multi-gated nuclear image data framing o Storing the acquired data in the patient database o Online live display of: <ul style="list-style-type: none"> - Acquired data and imaging parameters - ECG trigger signal - Gantry status including gantry position, and detector orientation - Progress and elapsed time - X-Ray exposure indicator <p>Data Viewer:</p> <ul style="list-style-type: none"> o Threshold and windowing control in multiple window settings o Cinematic display and scroll of dynamic and all multi-frame datasets o Selection of display color maps <p>Patient Database:</p> <ul style="list-style-type: none"> o Collection of all NM and CT acquired data <p>Scheduled Workflow Support Integrated Healthcare Enterprise (IHE):</p> <ul style="list-style-type: none"> o To Do list includes patients scheduled automatically via Modality Worklist or manually (for emergency patients of those sites without Modality Worklist). o Automatic or manual data transfer in DICOM 3.0 compatible format to network devices such as P&R workstations as soon as acquisition is completed. o Storage Commitment support confirmed archiving to PACS and other storage systems. <p>CT Image Reconstruction Networking and Archiving the Discovery acquisition station allows networking to both local and wide area networks. Data acquired on Discovery is transferred to Xeleris Processing & Review workstations via DICOM 3.0 standard for processing, archiving and hardcopy.</p> |

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| | <p>CT Acquisition software includes control of camera maintenance activities including:</p> <ul style="list-style-type: none"> o Daily/periodic NM QC o Pulse Height Analysis (PHA) o Center of Rotation (COR) o Uniformity Correction Maps o Energy, sensitivity and linearity maps o Customizable system parameters o Definition and setup of acquisition sequences o Use of preset acquisition protocols o Detector tuning and calibration (service only) <p>Gantry Display:</p> <ul style="list-style-type: none"> o 1280 x 1024 true -color monitor o Patient entertainment allows tilt of the monitor to a horizontal position and provides a slot for inserting media and loudspeakers <p>Handheld Controller:</p> <ul style="list-style-type: none"> o One-handed control of all detector and table motions at any location around the patient table o Single click operations without removing from its mounting o Adjustment of display and other settings at the gantry-side <p>Premium Two-axis Patient-Table:</p> <ul style="list-style-type: none"> o The patient table mechanism transports the patient via manual or programmed motorized motion through the gantry for the NM and CT scanning position o The patient table facilities unrestricted patient access o Manual patient egress upon emergency is available o Supporting handles, running along each side of the table, maximize patient comfort and facilities patient self-assisted loading and unloading. o Easy patient positioning and camera setup is based on intuitive hand control and rear gantry control panels. |

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| | <ul style="list-style-type: none"> o Cradle telescopic Arm for transition between NM and CT acquisition while maintaining accurate registration of images o Maximum patient length (with leg support) is 215 cm (7ft) <p>Discovery Acquisition System:</p> <p>The Discovery NM/CT 670 acquisition station is comprised of the following main components:</p> <ul style="list-style-type: none"> o High performance Intel based PC?s, with a Linux multitask operating system o 2 side-by-side 19-inch LCD monitors o Three button mouse with mouse pad o Universal connectivity via DICOM 3.0 (as per DICOM conformance Statement) using TCP/IP based connectivity o Scan Control keyboard assembly with intercom speaker, microphone and volume controls o Comprehensive electronic operator documentation o Communication with gantry motion control via Ethernet o Receiving full energy and position signal data from camera which is reframed into DICOM 3.0 conformant data Volume Viewer 3.1 on OC AW VA2, VR2 & Nav2 for the Operator Console includes Volume Analysis, Volume Rendering and Navigator Software. This Combination Allows the User to Render Volumetric Data in Three Dimensions for Use in Analysis of Patient Condition i.e.CT Angiography (CTA), gives more Information on the Spatial Relationships of Structures than Standard 3D, Allows the Translucent Visualization of Structures for Improved Problem Solving, can Perform "Virtual Endoscopies" of Air and Contrast Filled Structures. Enables 3D Reformats in any Plane ALL on the Xstream ready Console. <p>Also included is an interactive 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 these values manually from the operator console.</p> |
| 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> |
| 1 | <p>Discovery NM MEGP Collimators with Cart</p> |

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| | <p>D670 Medium Energy General Purpose Collimators</p> <p>Includes: o Two MEGP Collimators</p> <p>o Collimators Mounted on a Dedicated Collimator Cart</p> |
| 1 | D670 High Energy General Purpose Collimators Includes: - Two HEGP Collimators Collimators Mounted on a Dedicated Collimator Cart |
| 1 | Center of rotation source holder for Quality assurance , easily attached to Infinia or Ventri table. |
| 1 | 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. |
| 1 | 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. |
| 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>ConnectPro HIS/RIS Interface Option for LightSpeed and BrightSpeed with Linux</p> <p>ConnectPro Offers New Levels of Productivity to LightSpeed Users by Providing a Connection Between the Facilities Hospital (HIS) or Radiology (RIS) Information System. ConnectPro Simplifies and Eliminates Errors in Patient Data Entry.</p> <p>Data Available at the Operator Console When Using ConnectPro Includes:</p> <ul style="list-style-type: none"> • Procedure Step Code/Description • Requested Procedure Code/Description • Performed Procedure Step Compatibility • Demographic Data - Name, ID, Age, Birthday, Sex, etc. • Study UID - Unique ID Number • Scheduling Info - Dept, Modality, Station Address, Accession #, Date, Time <p>The Operator has Three Convenient Ways to Enter Patient Information:</p> |

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| | <ul style="list-style-type: none"> • Scan Barcode • Type in Unique Identification Number • Select From a List of Patients <p>All of This Results in:</p> <ul style="list-style-type: none"> • Enhanced Productivity • Direct Patient Data Entry • On-line Access to Schedules • Display of Patients Scheduled for Current Time of Day • Full Simultaneity with All Scanner Operations • Eliminates Errors Critical for "Filmless" Operation • Enhances Quality of Care • Obtain Key Data From Your HIS/RIS via Modality Worklist - Allergies, Pregnancy Status, Medical Alerts • User-selectable Filtering and Sorting • Seamless Integration with LightSpeed • Performed Procedure Step Compatibility <p>Does NOT include a bar code reader</p> <p>Note: May Require Interface Box for Conversion of HL7 to Dicom.</p> |
| 1 | CT Bar Code Reader - (USB) |
| 1 | <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 | Long table pad and straps |
| 1 | <p>Self Contained ECG Trigger Monitor with 7 Inch, Two Trace Display, to Confirm and Output a Reliable ECG Trigger Signal Synchronized with a Patient's R-Wave. Used for Gated FirstPass, MUGA and Multigated Cardiac SPECT Studies.</p> <p>Also Includes an Integrated Strip Chart Recorder to Enable the User to Document Ectopic Beats for Later Review with a Physician, Replacing the Need for a Separate Recorder.</p> <p>Key Features Include:</p> |

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| | <ul style="list-style-type: none"> • ECG Freeze/Cascade to Capture Ectopic ECG Waveforms • Trigger Mark Bright Spot on Display Confirms Reliable Triggering and Timing • Fully Automatic Operation - Just Connect to the Patient • Easy to Read Display of Heart Rate and Key Settings (Alarms, ECG Lead Selection) • Simple Menu Operation for Set-Up and Other Selections • Universal Power Supply Covering 100 to 230 Volts, and 50 and 60 Hz with Automatic AutoNotch Frequency Detection <p>Accessories Included:</p> <ul style="list-style-type: none"> • 3 Lead Patient Cable • Patient Leads • 2.4m BNC to BNC Cable • 2.4m 110-Volt Power Cable • 4.6m Stereo to BNC Cable • Operators Manual |
| 1 | A lightweight space-saving cart which enables effortless mobilization of the IVY 3000M Rwave Trigger around the NM imaging system. Using it for IVY3000M requires also the MOUNTING PLATE FOR IVY (H2505KS) in order to secure it in place. |
| 1 | An adaptor attaching the IVY 3000M Rwave Trigger to the IVY Monitor roll stand (E8007RK or H2505KT), securing in place. |
| 1 | <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> |

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| 1 | <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 | <ul style="list-style-type: none"> • Keyboard • Operator and Technical Manual • Labeling |
| 5 | Xeleris 2 Hardware and Software upgrade to Xeleris 3.1 |
| 1 | Xeleris 2 hardware and software upgrade to Xeleris 3.1 |
| 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 600 series family of camera data. This license can only function with pre-requisite JHU-RR (H3901KS/H3901KT) and (H3602NH) EFB SPECT CAMERA 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 600 series 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 600 series 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> |

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| | <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 600 series cameras. 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 Disc 600 series, 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 600 series and Ventri cameras. This 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 600 series and Infinia cameras.</p> <p>EVOLUTION TOOLKIT CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution Toolkit. The Evolution Toolkit</p> <p>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</p> |

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| | <p>Tl201, Tc99m, I-123, Ga67, In111 isotopes. Available for Infinia and Infinia Hawkeye 4 (on Windows XP Operating System) as well as Discovery 600 series and Ventri cameras. This license can only function with pre-requisite JHU-RR (H3901KS/H3901KT) and EFB FOR XELERIS3 (H3901MD)</p> |
| 1 | <p>X2 AAO 3D FUSION NM/CT</p> <p>Volumetrix 3D for Nuclear Medicine: 3D Fusion and Volume Rendering software for Xeleris 2 workstations.</p> <ul style="list-style-type: none"> • 3D display of SPECT/CT fused volumes. • Segmentation to include or exclude portions of either volume in the 3D rendered images, including removal of the table from the CT image, and segmentation default types of Hot Spot, Adjacent, Spine, and Mediastinum • Triangulation to view a defined location in all 2D slices • Clip & Cut Planes to integrate traditional Axial, Sagittal, and Coronal slices simultaneously into the 3D rendered objects • Default Anatomical Classification presets for a broad variety of cases with the ability to create customized presets • Optimized layouts for both Single and Dual Monitor (additional option) Xeleris 2 Workstations (see minimum specifications) Volumetrix 3D requires an Xeleris 2 workstation with the following minimum specifications: • 2GB of RAM • XW6400 Desktop and above or T60 Laptop and above • Minimum configuration for IB upgrades is XW6400 Desktop |
| 1 | <p>VMX IR 1st or 2nd (NM/PET)</p> <p>VMX Image Registration (IR) allows registration of multiple hybrid data including SPECT/PET/CT/MRI Registered datasets can be displayed in multiple combinations of functional and anatomic display within VMX workflow.</p> |
| 1 | <p>X3.1 DVD-RAM ARCHIVING LIC Archiving of patient data on DVD-RAM without change in archived data characteristics, functionality or intended use. The DVD archiving is performed through standard Windows tools, increasing data storage versatility.</p> |

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| 1 | <p>Xeleris 3 Dual LCD Monitor & License for a single Xeleris 3 Workstation.</p> <p>This item contains: o One 22" WideScreen format monitor for Xeleris 3 MI workstation. Provides 40% greater viewing area. o One Dual monitor license</p> |
| 5 | <p>MDC - Motion Detection & Correction</p> <p>X2 AAO Motion DC MDC: SPECT Motion Detection and Correction:</p> <p>Automated cardiac and general purpose SPECT motion correction integrated into Xeleris applications.</p> <p>o Detect and correct automatically for motion in the X and/or Y-axis, with dual head, image masking and gradient mode selectable options for improved accuracy.</p> <p>o QA tools include:</p> <ul style="list-style-type: none"> - Cine of original & corrected projection data with reference lines - Side by side original & corrected Sinograms and Selective Linograms - Graphs of X-Shifts and Y-Shifts (in pixels) <p>-Integrated into Myovation Cardiac Suite and other general purpose SPECT reconstruction packages.</p> |
| 1 | <p>TiP Applications Discovery NM/CT Succeed Advance Training Program</p> <p>TiP Applications Discovery NM/CT Succeed Advance includes:</p> <ul style="list-style-type: none"> • 13 onsite days covered over 4 site visits • 10 hrs. TVA • 1 TiP Headquarter Class <p>Onsite training and TVA are delivered Monday through Friday between 8AM and 5PM. T&L expenses are included. Headquarters classes are delivered in the Milwaukee area and include travel and modest living expenses.</p> <p>This training program must be scheduled and completed within 24 months after the date of product delivery.</p> |
| 1 | <p>2 Phase 10 KVA Partial UPS for CT Lightspeed and Lightspeed PRO</p> <p>The 2 Phase 10 KVA Partial System UPS kit has been specifically designed to coordinate with the BrightSpeed, LightSpeed and LightSpeed PRO 16 families of CT scanners. In the event of a power outage, a partial system UPS provides continuous back-up power to the scanner host and control computers, thus assuring no loss of usable scan data. In addition, critical circuits in the gantry and table remain powered which facilitate the safe removal of the patient</p> |

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| | <p>from the scanner. If power is restored within the battery hold-up time, the operator can continue scanner operations without the need to reboot the system. When longer power outages are anticipated, the UPS provides time for the operator to complete an orderly shutdown of the system software.</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • True double-conversion, online technology provides reliable operation and uninterrupted glitch free power. • Automatic voltage and frequency selection eases startup, i.e., 50 or 60 Hz compatible • Integral Static Bypass switch means zero transfer time • Integral Manual Bypass switch facilitates continued scanner operation while UPS is being serviced • Single input connect utilized for both UPS input and static switch • Maintains system electronics and allows critical scanner operations to continue for 10 minutes (typical) after loss of power • Advanced Battery Management (ABM) software monitors / indicates battery health and doubles battery service life <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> • Dimensions (H x W x D): 32.7" x 12" x 32" • Weight: 350 lbs. • Rating: 10 kVA • Input Voltage Range: 85-144V / ph; 2 Phase • Output Frequency: 50 or 60 Hz, auto-sensing <p>COMPATIBILITY</p> <ul style="list-style-type: none"> • HiSpeed Advantage-RP, CT/I, Lightspeed QXi, LightSpeed Plus, LightSpeed Ultra, LightSpeed 16, BrightSpeed Systems, LightSpeed Pro 16 and RT Systems, Discovery NM 670 (Nuc) <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>90 Amp Main Disconnect Panel for CT</p> <p>This 90 amp main disconnect panel for GEHC CT systems provides emergency</p> |

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| | <p>shut down, undervoltage protection, overcurrent protection, local disconnect for the imaging system. It also reduces installation time and cost by providing a single-point power connection eliminating the need to mount and wire a number of individual components. The standardized design and testing assures high product quality and system reliability, and it is UL and cUL listed for compliance with National Electric Code. Panel can be surface or semi-flush mounted and includes one remote emergency off push button. Customer is responsible for rigging and arranging for installation by a licensed electrician. ITEM IS NON-RETURNABLE and NON NON-REFUNDABLE Warranty Code: Y</p> |
| 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> |
| 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> |
| 1 | <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>Medrad Stellant D Dual-Flow Ceiling Mount Injection System with Short Post. Requires E8007PJ Mounting Plate be added to the order...E</p> |
| 1 | <p>OCS III MOUNTING PLATE</p> |

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| 2 | <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> |
| 2 | <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 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.</p> |
| 2 | <p>The BrightSpeed for Discovery NM/CT 670 course is a one week course for NM Field Engineers who are not trained on the BrightSpeed 16 CT system. This course will follow the two week Discovery NM/CT 670 training course and is a component for Full Service Qualification on the Discovery 670 system. This course must be taken within 2 years from the purchase date.</p> |
| 40 | <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, pluse breaks are provided in the onsite cafeteria. The GE Healthcare Institute cafeteria closes Friday after lunch and reopens Monday morning for breakfast.</p> |

| Qty | Description |
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| | <p>Weekend meals are the responsibility of the customer.</p> <p>Only for In-resident courses to be taken at the GE Healthcare Institute.</p> |
| 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> |
| 2 | <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> |
| 2 | <p>Xeleris Service Web</p> <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> |
| 2 | <p>CT Basic Physics/Instrumentation (Web)</p> <p>The CT Fundamentals Course is Designed for Service Engineers who have Little or No Familiarity with CT Systems. The Course Teaches General Processes, Concepts, and Equipment Used in CT Scanning. This Course is Delivered Via the internet as an online training course. This course must be taken within 2 years from the purchase date.</p> |
| 2 | <p>CT True In One Console Service (Web) This course covers the following topics on the True in One Console: Console Models, Hardware details and mechanical layout, Installation and FRU replacement, Troubleshooting using command lines and diagnostics. This course must be taken within 2 years from the purchase date</p> |
| 2 | <p>Troubleshooting Basics Service (Web)</p> |

| Qty | Description |
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| 2 | <p data-bbox="402 373 1289 657">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> <p data-bbox="402 688 959 716">Networking and Dicom Basic for DI Service (Web)</p> <p data-bbox="402 741 1276 842">Training will prepare engineers on configuring and troubleshooting networks, which use the DICOM protocol for transferring patient data and how to read and use DICOM Conformance Statements.</p> <p data-bbox="402 867 773 894">This course covers the following:</p> <ul data-bbox="423 919 1292 1188" style="list-style-type: none"> • Introduction to 7 layer OSI and 5 layer TCP/IP protocols (Basic model only) • Identify hardware used in networking • Review of the most used networking devices, cables, NIC, switch and routers • Simple network connection with 2 to 5 devices • Dicom definitions, theory and configuration <p data-bbox="402 1213 1146 1241">This course must be taken within 2 years from the purchase date.</p> |

| Qty | Description |
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| 1 | A set of 1 pinhole collimator with 3 inserts with collimator cart for Discovery NM 670 |
| 1 | GE NM 600 Series FANBEAM (2) W/CART |
| 1 | Discovery 670 Adaptive statistical iterative reconstruction (ASiR) of CT data is an optional hardware and software package for Brightspeed 16 that cuts noise and boosts diagnostic confidence of abdominal lesions while slashing radiation dose. The AsiR algorithm takes into account precise modeling of the x-ray photon statistics and electronic noise, all of which are less accurate in FBP. |
| 1 | Card ACQC ext CT 1st or 2nd license. Cardiac ACQC for external CT provides capability to use external CT for attenuation correction of Myocardial Perfusion Studies (MPI). Provides the Single attenuation map for Stress and Rest MPI. |
| 1 | X3.1 DVD-RAM ARCHIVING LIC Archiving of patient data on DVD-RAM without change in archived data characteristics, functionality or intended use. The DVD archiving is performed through standard Windows tools, increasing data storage versatility. |
| 1 | Xeleris Dual Monitor license required to enable dual monitor functionality on Xeleris. |