Qty.	Description
1	**Nuclear Alcyone: Discovery 530 ACQ** Discovery NM 530c Acquisition

Discovery NM 530c Acquisition

Discovery NM 530c ushers in the first generation of volume SPECT technology, bringing a distinct set of new capabilities beyond those offered by conventional SPECT scanners and opens the doors to new and advanced procedure possibilities in non-invasive cardiac imaging.

Discovery NM 530c achieves this technological leap forward through a revolutionary design of a solid-state cardiac optimized SPECT camera. Discovery NM 530c is a breakthrough in SPECT scanner speed, dose management, workflow and clinical performance.

The Discovery NM 530c Acquisition System is comprised of the following:

Gantry:

- Open gantry design facilitates patient setup and free access.

- Real-Time gantry status display on acquisition console.

- Intuitive Icon-Based handset mounted on the gantry.

- Guided Patient Positioning tools for patient positioning.

Detector: High-resolution, solid-state SPECT detector technology.

- Multiple arrays of direct conversion 2.46x2.46mm semiconductor CZT detector

- Multi-pinhole collimation enabling high sensitivity, simultaneous acquisition of all views and reduces penetration.

Qty	Description

- Detectors shielded for 40-200 keV energy range

- Simultaneous acquisition of all views without motion during scanning.

- Improved energy resolution and scatter rejection.

- QC source holder enabling fast and accurate QC and calibrations.

Flexible, Dual-Axis Imaging Table:

- Low Attenuation Carbon Fiber Tabletop

- Flexible, dual axis, automatic/manual table top motion

- Fast, manual patient egress upon emergency

- Easy patient handling and comfortable back supporting tabletop.

Acquisition System:

- Intel Core2 Quad Processor Q9300

- 6MB onboard L2 cache

- Intel X38 chipset with 1333 MHz front side bus

- Dual-channel 4x512MB PC2-6400 DDR2 800 (Total 2 GB)

- RAID 0 2x80GB SATA II Hard Drive

- Windows XP Professional

- Integrated Ethernet adapter

- PCI-E graphics Interface

- CD-RW/DVD-RW Multi Drive

- 17 Color LCD Processing Monitor

Qty	Description
	Ventricam Positioning Camera/Monitor:

- A miniature video camera attached to an LCD screen in order to monitors patients position relative to the detectors during setup and during the scan. Prevents straining, bending, or kneeling by the tech to confirm position.

Ventricare Patient Leg Support:

- Ergonomic leg support mounted on top of Discovery NM 530c patient table, designed to increase patient comfort, reduces patient movement and patient joint strain.

VentriCare Patient Supine Arm Support:

- Ergonomic arm support mounted on top of Discovery NM 530c patient table, designed to increase patient comfort, reduces patient movement and patient joint strain.

1	Mobile Computer Cart without PC Holder

Mobile Computer Cart without PC Holder

Mobile Acquisition Operator PC Cart is an ergonomic design footprint saving device which minimizes operator travel. Features mechanical adjustment flexibility, supports both left and right-handed operator orientations.

1	Ventricare Prone Arm Support

VentriCare Prone Arm Support

- VentriCare Prone Arm Supports an ergonomically-designed arm support mounted on the patient table of a Ventri dual head Cardiac-dedicated camera, supporting patients arms and head during SPECT scans performed in Prone orientation.

Includes:

Qty	Description
	• Fiberglass frame covered by Viscoelastic layer coated by polyurethane washable fabric.
	• Height: 11.0 (28.0cm)
	• Width: 30.7 (78.0cm)
	• Length: 13.0 (33.0cm)
	• Weight: 11Ibs (5kg)
1	Ventri/Discovery NM Series ECG Gating Device

Ventri/Discovery NM Series ECG Gating Device

 NORAC 1200 Compact R-Wave trigger; outputs Include ECG Trigger Signal Synchronized with a Patientss R-Wave which are presented live on the Ventri Acquisition display. Used for Multi Gated Cardiac Blood Pool and Multigated Cardiac SPECT Studies.

 Includes:

- Mounted on patient table-attached support accessory.

- Three leads patient cable and output cable

- Easy access for tech

- Output displays on Acquisition station screen for easy viewing

- Height: 1.2 (3cm)

- Width: 3.2 (8cm)

- Length: 5.9 (15cm)

- R-wave trigger as TTI level pulse through BNC connector

- ECG channel and trigger data through RS232 interface

- Protected against defibrillation shocks

Qty.	Description
	• Operates on 5V from host system (230/110V medical grade adapter is available as option
1	Alcyone Myovation Image Processing & Review (Used for Xeleris 1 and 2)

Alcyone Myovation Image Processing & Review

Upgrade to Myovation software on Xeleris 2.12 workstations to include Processing and Review functionality for Alcyone cameras

| 1 | New Alcyone Access Toolkit |

Alcyone ACCESS Toolkit with Motion Correction Detection The Alcyone ACCESS Toolkit is a productivity tool package aimed at helping Alcyone advanced users exploring the technology's capabilities. Alcyone technology on the Discovery* NM 530c brings a host of new capabilities to nuclear cardiology imaging that are waiting to be explored and discovered. Acquiring more data and the ability to do more with it is key. The Alcyone ACCESS toolkit brings a new approach to SPECT imaging, with the potential to develop new applications and improve clinical care.

Alcyone ACCESS Toolkit is a collection of tools that may be used in conjunction with each other or separately:

- Alcyone Lister Tool**: Off-line processing of acqiusition list mode data
- Alcyone Dynamic Analysis Tool**: tool for analysis of dynamic data
- Alcyone Reconstruction Tools**: productivity tools for image reconstruction
- Alcyone External CTAC: allows the use of a separately acquired CT for attenuation correction

Qty	Description
	* Trademark of General Electric Company ** Results derived from this application are for technology exploratory use only and should not be used for patient diagnosis Motion Detection & Correction for Alcyone Discovery NM 530c and 570c cameras incorporate a novel multi-pinhole geometry which is not compatible with traditional motion correction techniques. Alcyone MDC application allows for motion detection and correction of studies acquired on Alcyone gamma cameras - Discovery NM 530c and Discovery NM/CT 570c Alcyone MDC application is applicable in low dose and high dose 99mTc and 201TI scans. Alcyone MDC may enhance visual clarity of Alcyone cardiac studies. Simultaneous all views acquisition in Alcyone cameras enables high temporal resolution which may allow for detection and correction of respiratory motion by Alcyone MDC application when adequate count rate is available. Alcyone MDC application does not require any HAW accessory devices for the detection and correction of patient and/or respiratory motion Note: MDC for Alcyone can generate only non attenuation corrected SPECT images.
1	Powercom 2 KVA UPS for AW, Ultrasound and Nuclear Medicine

Powercom 2 KVA Uninterrupted Power Supply for AW, Ultrasound and Nuclear Medicine

FEATURES/BENEFITS

- 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 shutdown

- The Online Double Conversion UPS eliminates all power anomalies such as noise, transients, over-voltage, and

Qty	Description

under-voltage, which could damage the imaging system's sensitive computer components

- Front Panel LCD Display indicates line, bypass, inverter, backup, fault, battery capacity, load capacity, I/P and 0/P voltage, I/P and 0/P frequency, inside temperature of UPS

- Improves imaging system reliability, reduces service costs, and increases system uptime

- Advanced Battery Management Plus uses sophisticated battery sensing technology to keep the batteries in sleeping mode if there is small or no loading detective. The two-step battery recharging technology auto charge the battery when it is needed to prevent the temperature from becoming too high, making the battery life longer

- Smart RS-232 Communication Port - Establish link between the UPS and the computer through a cable connect to the RS-232 communication port to detect power failure, battery life, schedule UPS on/off, and AC power status display

SPECIFICATIONS

- Dimensions (H x W x D): 15.2" x 7.6" x 18.1"
- Weight: 70.4 lbs.
- Nominal Voltage: 120 VAC
- Frequency: 50/60 Hz, auto-sensing

COMPATIBILITY

- GE Ultrasound LOGIQ 500, LOGIQ 700, LOGIQ 9, System FiVe, Vivid 7, Vivid 7 Pro, Millennium MG (Nuc), Millennium MPR (Nuc), Millennium MPS (Nuc), Optima (Nuc)

NOTES:

Qty	Description
	• Customer is responsible for rigging and arranging for installation with a certified electrician
	• I T E M I S NON-RETURNABLE AND NON-REFUNDABLE
2	TIP NM Onsite Training for GE Camera and Workstation
	TIP NM Onsite Training for GE Camera and Workstation.
	6 Days of TiP Onsite Camera and Workstation Training (4 Day Startup; 2 Day follow-up).
	Onsite training is delivered Monday through Friday between 8AM and 5PM. TELL expenses are included.
	This training program must be scheduled and completed within 12 months after the date of product delivery.
1	NM TIP Virtual Assist 10 Hrs NM TIP Virtual Assist 10 Hrs
	10 hours of remote NM training using TiP virtual Assist. Requires broadband connection with customer upload speed of at least 400 kbps. This training program must be scheduled and completed within 24 months after the date of product delivery.

Qty	Description

Upgrade Xeleris Workstations (x2)

2   X3 SW AND HW UPG TO X3.1

Xeleris 3.0 Software and Hardware upgrade to Xeleris 3.1

Xeleris* 3.1 functional imaging workstation is a Nuclear Medicine, PET, NM/CT, and PET/CT processing, analysis, and review system. Designed with productivity in mind, it can accelerate workflow and provides a powerful clinical diagnostic tool to the medical imaging community. Combining streamlined workflow with a comprehensive clinical library and extensive networking capabilities on a functional imaging workstation, Xeleris 3.1 is at the nucleus of productivity in the clinical imaging department. Utilizing the GE Healthcare-wide graphical user interface, Xeleris 3.1 is the processing and review platform of the Discovery*, Optima* and Brivo* NM and NM/CT series, Infinia* Hawkeye* 4, Ventri, Discovery PET/CT 600 series, and all other molecular imaging cameras in GE Healthcare's current offering. Xeleris 3.1 provides the automated processing and connectivity necessary in today's demanding environment.

2   Ectoolbox VI Workstation

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.

2   ECTB SYNCTOOL

Qty	Description	ce
	SyncTool, cardiac imaging tool for Emory Cardiac Toolbox, to analyze which heart failure patients will benefit from cardiac resynchronization therapy (CRT). This software application provides cardiologists with an objective and timely measure of left ventricular (LV) dyssynchrony. Once the gated SPECT (G-SPECT) image study is completed, results are available in less then one minute. SyncTool works on Syntermed's Emory Cardiac Toolbox (ECTb) included in Xeleris 2.1 for optimum accuracy and efficiency.	
2	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	
2	CEDARS BPGS 1ST OR 2ND	
	Cedars Sinai Blood Pool Gated SPECT (BPGS) is an Application for the Quantitative Analysis of Gated Cardiac Blood Pool Datasets. It Automatically Computes Volumes and Ejection Fractions for Both Ventricles and Displays Motion Polar Maps as Well as Static Parametric Surfaces and Gated Endocardial Surfaces. The Protocol Consists of Several Modules Including:	

Qty	Description
	o The Slice Pages Display Two Vertical Long Axis
	Images Allowing Side-by-Side Viewing of Both the Left and Right Ventricles. The Information Display Box Contains Information Pertaining to Both Ventricles Including Volume at Current Interval, EDV, and ESV, EF, and Stroke Volume.
	o The Splash Screen Displays Four Rows of Images, with Contours that can be Separately Toggled On and Off for the LV and RV.
	o Surfaces can be Displayed in Various Ways, Including Wireframed Shaded Surfaces, Grid (Wireframe Overlaid on a Shaded Surface) With or Without Superimposed ED. All Surfaces can be Rotated and Gated in Real Time.
	o The Splash3D Display Allows Viewing of Three Synchronized Pairs of 3D Views, which can be Gated and Rotated Interactively.
	o The Results Display Summarizes the Results Using Motion Polar Maps, Parametric Motion Surfaces and Regular Endocardial Surfaces, in Addition to the Image Display to the Left of the Screen.
2	XELERIS 3 USB ACTIVATOR
	Xeleris 3 USB activator.
2	AC correction EXT CT 1ST OR 2
	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	Xfl Client (1st Per Srv)
	Concurrent Use Client for Xeleris Suite Server
1	X3.1 CEDARS XFL 1ST
	1st XFL Client for Cedars Suite

Qty	Description
1	Emory Cardiac Toolbox
	Ectoolbox VL XFL Server
1	XELERIS3 SERVER LICENSE
	Xeleris 3 Server License Enables XFL functionality on the Xeleris 3 Workstation.
1	XFL REMOTE OFFICE
	XFL Remote Office Extends Xeleris Floating License over Wide Area Network (WAN). Requires XFL Server and Client.
1	XFL Dual Monitor License
	X2 AAO XFL DUAL MONITOR
	XFL Dual Monitor License: license for Dual Monitor Optimized Xeleris Applications on XFL clients.
5	2 Days TiP Onsite Training Nuclear Medicine Workstation
	2 Days TiP Onsite Training Nuclear Medicine Workstation
	One 2 day TiP onsite visit for NM Workstation training.
	Includes TELL expenses. Days provided consecutively.
	This training program must be scheduled and completed within 12 months after the date of product delivery.
	Configuration Discount: (48.77%)
	Discounted Configuration Price

Qty	Description

Technical Service Training: D530 Alcyone

1   NUCLEAR VENTRI SERV TRNG

Sales Description: Ventri In Residence service training course providing hands-on opportunities in which the student will learn to perform system calibrations, FRU replacement and Preventative Maintenance tasks.

Executive Summary: Content addresses technical service issues for the Ventri Nuclear Cardiology system and Xeleris Processing & Review Workstation. Use of the Ventri

acquisition, CSE detectors, gantry, table and Xeleris workstation operation is also revealed. Students should expect to learn and perform hands-on maintenance and troubleshooting tasks to a FRU level. This is a five day in-resident class. Prequisites that must be completed before coming to class: Nuclear Basic Service Troubleshooting Basics Ventri Camera (web) course This course must be taken within 2 years from the purchase date.

1   NUCLEAR BASIC SERVICE

Nuclear Basic Service (Class/Lab)

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.

1   DISCOVERY NM 530C/570C

Discovery NM 530c/570c (Class/Lab)

Students should expect to perform hands-on training in calibrations, Quality Control, and

Qty	Description

troubleshooting. Course COmpetencies: Upon successfully completing this course, the student should be able to identify required tools and documentation for system service, work safely in the Discovery 530C environment, identify FRU part numbers, and replace common FRU's. Perform system quality assurance checks and performance verification. Troubleshoot image quality issues Perform system alignments, tuning and calibrations, isolate system faults to the FRU level using system diagnostics. Perform planned maintenance procedures. This course must be taken within 2 years from the purchase date.

15   Meals And Lodging Expense

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.

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.

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.

Three meals a day Monday thru Thursday, 2 meals on Friday, pluse breaks are provided in the

Qty	Description

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.

Only for In-resident courses to be taken at the GE Healthcare Institute.

3   Airfare Expense

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.

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

Lodging Weekend Expense

Lodging Weekend Expense

1   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.

1   VENTRI CAMERA

Ventri Camera (Web)

This online course will prepare the service engineer for R0182NM Ventri Service In-resident class by teaching the fundamentals of the Ventri Camera system including operation, theory,

Qty	Description
1	calibration, diagnostics, and maintenance. This course must be taken within 2 years from the purchase date.
	Troubleshooting Basics Service (web)
	Troubleshooting Basics Service (Web)

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.