

SHIP TO:
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V.A. Medical Center
WAREHOUSE (90D)
800 IRVING AVENUE
SYRACUSE, NY 13210
P O # 528-B84025

Item No.	Qty	Description
1	1	<p>Discovery NM 530c Acquisition</p> <p>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.</p> <p>Discovery NM 530c achieves this technological leap forward through a revolutionary design of a solid-state cardiac optimized SPECT camera.</p> <p>Discovery NM 530c is a breakthrough in SPECT scanner speed, dose management, workflow and clinical performance.</p> <p>The Discovery NM 530c Acquisition System is comprised of the following:</p> <p>Gantry:</p> <ul style="list-style-type: none">o Open gantry design facilitates patient setup and free access.o Real-Time gantry status display on acquisition console.o Intuitive Icon-Based handset mounted on the gantry.o Guided Patient Positioning tools for patient positioning. <p>Detector: High-resolution, solid-state SPECT detector technology.</p> <ul style="list-style-type: none">o Multiple arrays of direct conversion 2.46x2.46mm semiconductor CZT detectoro Multi-pinhole collimation enabling high sensitivity, simultaneous acquisition of all

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		views and reduces penetration.
		o Detectors shielded for 40-200 keV energy range
		o Simultaneous acquisition of all views without motion during scanning.
		o Improved energy resolution and scatter rejection.
		o QC source holder enabling fast and accurate QC and calibrations.
		Flexible, Dual-Axis Imaging Table:
		o Low Attenuation Carbon Fiber Tabletop
		o Flexible, dual axis, automatic/manual table top motion
		o Fast, manual patient egress upon emergency
		o Easy patient handling and comfortable back supporting tabletop.
		Acquisition System:
		o Intel Core2 Quad Processor Q9300
		o 6MB onboard L2 cache
		o Intel X38 chipset with 1333 MHz front side bus
		o Dual-channel 4x512MB PC2-6400 DDR2 800 (Total 2 GB)
		o RAID 0 2x80GB SATA II Hard Drive
		o Integrated Ethernet adapter
		o PCI-E graphics Interface
		o CD-RW/DVD-RW Multi Drive
		o 17 Color LCD Processing Monitor
		Ventricam Positioning Camera/Monitor:
		o A miniature video camera attached to an LCD

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		<p>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.</p> <p>Ventricare Patient Leg Support:</p> <ul style="list-style-type: none"> o Ergonomic leg support mounted on top of Discovery NM 530c patient table, designed to increase patient comfort, reduces patient movement and patient joint strain. <p>VentriCare Patient Supine Arm Support:</p> <ul style="list-style-type: none"> o Ergonomic arm support mounted on top of Discovery NM 530c patient table, designed to increase patient comfort, reduces patient movement and patient joint strain. <p>Wide straps for Patient table.</p> <p>ECG Gating Device:</p> <ul style="list-style-type: none"> o Discovery NM Series ECG Gating Device <p>Alcyone Functionality:</p> <ul style="list-style-type: none"> o Myovation, Alcyone reconstruction & Alcyone QC
2	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>
3	1	<p>VentriCare Prone Arm Support</p> <ul style="list-style-type: none"> • 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. <p>Includes:</p> <ul style="list-style-type: none"> • Fiberglass frame covered by Viscoelastic layer coated by polyurethane washable fabric.

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		<ul style="list-style-type: none"> • Height: 11.0 (28.0cm) • Width: 30.7 (78.0cm) • Length: 13.0 (33.0cm) • Weight: 11lbs (5kg)
4	1	<p>Powercom 2 KVA Uninterrupted Power Supply for AW, Ultrasound and 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 shutdown • The Online Double Conversion UPS eliminates all power anomalies such as noise, transients, over-voltage, and 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 O/P voltage, I/P and O/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 detected. 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 <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> • 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 <p>COMPATIBILITY</p> <ul style="list-style-type: none"> • GE Ultrasound LOGIQ 500, LOGIQ 700, LOGIQ 9, System FiVe, Vivid 7, Vivid 7 Pro,

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		<p>Millennium MG (Nuc), Millennium MPR (Nuc), Millennium MPS (Nuc), Optima (Nuc)</p> <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
5	1	<p>8 Days Onsite Plus 10 Hours TVA Training for GE Camera System and Workstation Eight days onsite training delivered over 3 visits, plus 10 hours TVA training for GE Camera System and Workstation 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>
6	1	<p>Xeleris 4 DR Workstation</p> <p>Xeleris* 4 DR Cardiac Molecular imaging workstation can simplify workflow and may provide greater economy as only applications needed for specific cardiac workflow are provided, without altering the infrastructure functionalities of the Workstation.</p> <p>The Xeleris 4 DR Cardiac Configuration supports the following applications to provide simplified processing and review of Nuclear Cardiac exams;</p> <ul style="list-style-type: none"> • Myovation • First Pass • EF Analysis • Peak Filling Rate • L-R Shunt <p>Xeleris 4 DR Cardiac includes Motion detection & correction software.</p>
7	1	<p>The Enhanced Cyber Security option provides additional security layer utilizing McAfee's Application Control (Whitelist). Activation of McAfee's Application Control might adversely impact system performance.</p>
8	1	<p>Alcyone Myovation Image Processing & Review. Enhances Myovation application to include QC, Processing and Review functionality for Alcyone cameras</p>
9	1	<p>Alcyone Advance toolkit which includes:</p> <ul style="list-style-type: none"> • Alcyone Lister Tool Alcyone Lister Tool is an optional application for reframing data

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		<p>acquired in list mode on Alcyone technology cameras, using scan parameters that are different than those used to generate projection data during the acquisition.</p> <ul style="list-style-type: none"> • The Alcyone Reconstruction tools option** includes five applications that improve productivity for image reconstruction: <ol style="list-style-type: none"> (1) Batch Recon - process one or multiple studies using a variety of reconstruction and filter parameters to optimize image quality. Are able to set a different set of Recon parameters for Stress and Rest, Gated and Summed, and for attenuation corrected and non-corrected images (total of 8 sets of parameters). (2) Filt3D Batch - performs batch filtering of multiple transaxial images from Alcyone data. (3) Make SA - reformat transaxial Alcyone slice data to short access (SA) oblique slices according to reformat limits used in SA image that were created in Myovation. (4) Make Scatter - generates an images based on weighted sum of up to 5 projections of planar, Alcyone data. (5) System Matrix Generator - allows users to generate additional system matrices with different voxel and FOV sizes, thus providing additional control over reconstructed images. <p>**Results derived from this application are for technology exploratory use only and should not be used for patient diagnosis</p> <p>*This package also includes the license Alcyone to Multigated Views which performs parallel forward projection to the gated transaxial images to generate four multi-gated images that correspond to given/selected projection directions: anterior (ANT), left anterior oblique (LAO), left lateral oblique (LLO), left posterior oblique (LPO) viewing directions. This will be used when acquiring SPECT muga studies.</p> <p>**Results derived from this application are for technology exploratory use only and should not be used for patient diagnosis</p>
10	1	<p>Cedars Sinai Cardiac Packages.</p> <p>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 o Automatic 3-Dimensional software approach to quantitative Perfusion SPECT. o Cedars Sinai Quantitative Gated SPECT o An application calculating the ejection

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		fraction of the left ventricle and a 3D surface display is generated. o Cedars Sinai Companion 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
11	1	Xeleris 4 DR English Language Kit

Options

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12	1	Nuclear Basic Service (5 Day 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.
13	1	Discovery NM 530c/570c (Class/Lab) Students should expect to perform hands-on training in calibrations, Quality Control, and

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	<p>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.</p>	

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16	1	<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>	