

REQUESTING SERVICE: IMAGING(114)

SHIP TO:

WAREHOUSE B80004

V.A. Medical Center

325 EAST H STREET

IRON MOUNTAIN. MI 49801

P.O.# 585-B80004

Trade in:

Manufacture: GE

Model: Infinia II W Xeleris Workstation

SN#: 17789 and CZC83942JQ

EE#: 14434 and 14436

Qty	Description
1	
1	<p>O640 NM/CT - 3/8" EXCEL</p> <p>Optima NM/CT 640 EXCEL is a general-purpose high performance hybrid SPECT imaging system. It combines integrated nuclear imaging sub-system featuring a free-geometry slim gantry, advanced all-digital Elite NXT detectors with 3/8" detectors , cantilevered patient table and powerful acquisition station, with a dedicated low-dose high resolution CT imaging sub-system designed for attenuation correction of SPECT and anatomic localization of radiotracer uptake in the body.</p> <p>Including:</p> <p>2 x Slim-All-Digital NM Elite™ NXT detectors with the following key features :</p> <ul style="list-style-type: none">o 3/8" crystal thicknesso 59 high quantum efficiency PMT's, each PMT coupled with one ADCo Extra large, rectangular UFOV with uncut corners: 540 mm x 400 mm (21.25 Inches x 15.75 Inches)o Shielded for 40-620 keV energy rangeo Contoured detector housing for optimal cardiac and brain SPECT imaging <p>· 1 x Free-geometry 70 cm bore gantry, featuring real-time automatic body contoured scanning in both 180D and 90D detectors orientations for high efficiency SPECT and WB scans. The gantry features also upright and horizontal detector orientations for maximum clinical versatility and ultra-fast, simultaneous multi-axes motion which provides fast setup with the following key features:</p> <ul style="list-style-type: none">o Externally mounted detectors, with flexible positioning for all Major clinical studies, including stretcher, standing and seated Patients

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	<ul style="list-style-type: none"> o Automatic, application-specific home positioning for table and detectors o Real-time status display o Intuitive, icon-based 20 function handset accessible from either side of the gantry o Real-time, infrared automatic body contouring system too safely minimize detector-to-patient distance in whole body, 90 degree SPECT and 180 degree SPECT o Fast, semi-automatic dual collimator exchange <ul style="list-style-type: none"> · 1 x Dual-axis premium ergonomic patient imaging table with low-attenuation carbon fiber table-top with the following key features : <ul style="list-style-type: none"> o Fast, manually controlled emergency patient egress o Telescopic transporter ensuring accurate CT-SPECT registration o Easy patient handling, comfortable tabletop o Obstruction-free floor installation enables table pivot to 45 or 60 degree angles o Automatic home positioning for common imaging procedures o Optional integrated EKG · 1 x user-friendly Hybrid SPECT/CT acquisition station. <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.</p> <ul style="list-style-type: none"> · 1 integrated low-dose CT with 4 slice functionality, inherently SPECT-registered CT Transmission attenuation correction and localization with the following key features: <ul style="list-style-type: none"> o Tube: GE MX135CT o Tube anode Heat Storage capacity: 2.0 MHU o Generator: GE Gedi 42 AC, 4.2 kW o Clinical operation tube current: 10-30 mA. o Scan Times: 1 or 2 sec per rotation o Pitch factors: 0.75:1, 1.25:1, 1.75:1 o Detector type: Ceramic - gadolinium oxysulfide (Gd₂O₂S) o Number of slices: 4 o Slice thickness: 2.5 mm

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1	<p>NM 600 LEHR Collimators with Cart</p> <p>NM 600 Low Energy High Resolution Collimators</p> <p>Includes:</p> <ul style="list-style-type: none"> o Two LEHR Collimators o Collimators Mounted on a Dedicated Collimator Cart
1	<p>NM 600 MEGP Collimators with Cart</p> <p>NM 600 Medium Energy General Purpose Collimators</p> <p>Includes:</p> <ul style="list-style-type: none"> o Two MEGP Collimators o Collimators Mounted on a Dedicated Collimator Cart
1	<p>A set of 1 pinhole collimator with 3 inserts with collimator cart for NM 600</p>
1	<p>The Bilateral Pinhole Motion enhancement option enables NM600 Series cameras to perform pinhole collimated imaging of both sides of a patient on the imaging table without moving the patient in procedures such as imaging of bilateral hips anteriorly or bilateral kidneys posteriorly.</p>
1	<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>Quality Control Flood Source Holder Kit</p> <p>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>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>

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	For each of the quadrant, bar spacing is 2.5mm, 3.2mm, 3.5mm & 4.0mm.
1	Long table pad and straps
1	<p>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>NM 600 Touch Ruler</p> <p>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>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	A streamlined floor plate designed to facilitate collimator exchange on the NM 600 series cameras to aid hospital bed and stretcher imaging.
1	A DVD player which functions with the boom mounted gantry display unit in order to provide video display during the scan for patient entertainment purposes.
1	Service cabinet for system accessories storage
1	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

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	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	<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>EfB 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.</p>
1	<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.</p>
1	<p>EfC SPECT 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.</p>
1	<p>EVOLUTION TOOLKIT CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution Toolkit. The Evolution Toolkit</p>

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	<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 Tl201, Tc99m, I-123, Ga67, In111, & I-131 isotopes.</p>
2	<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>4 Day NM TiP Onsite System Training</p> <p>Nuclear Medicine Onsite Training for a new NM system.</p> <ul style="list-style-type: none"> One 4 day onsite visit to coincide with system start-up. <p>During the visit, the applications specialist will work with the medical and technical staff on system operation and patient procedures. The training produces the best results when a dedicated core group of 2-4 NM technologists complete the session with a modified patient schedule. It is suggested that key physicians are available to participate in the protocol implementation and image quality review sessions.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
2	<p>2 Days NM TiP Onsite Training</p> <p>Two Day NM Onsite Training provided from 8AM to 5PM, Monday through Friday. Includes T&L expenses. Days provided consecutively.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
1	<p>6 KVA UPS for Nuclear Medicine</p>

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	<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, 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	Main Disconnect Panel for GE 640 NM-CT System
1	A set of cables designed to support the connection of the system to a 480V UPS for O640 power regulation purposes.
1	Patient Arm Support for NM, PET/CT, MR

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1	<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>The Model 7600 is Ivy Biomedical's fifth generation of cardiac trigger monitors intended primarily for use on patients in applications requiring precision R-wave synchronization. Incorporating a simple, easy to use touchscreen interface, the 7600 displays two simultaneous ECG vectors along with the patient's heart rate.</p> <p>The Trigger ECG vector (top waveform) can be selected from Leads I, II III or Auto Lead Select. The Second ECG vector (bottom waveform) can be selected from Leads I, II or III. If required, High and Low heart rate alarm limits can be adjusted to bracket the patient's heart rate so that a violation of these limits produces an audible and visual indication of the alarm.</p> <p>Includes roll stand</p>
1	<p>GE Healthcare has reclassified its service tools, diagnostics and documentation into various classes (please refer to the Service Licensing Notification statement at the beginning of this Quotation). The Standard License provides access to service tools used to perform basic level service on the Equipment and is included at no charge for the warranty period.</p>

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1	<p>Xeleris* 4.0 SPECT/CT 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.</p> <p>Combining streamlined workflow with a comprehensive clinical library and extensive networking capabilities on a functional imaging workstation, Xeleris 4.0 is at the nucleus of productivity in the clinical imaging department. Utilizing the GE Healthcare-wide graphical user interface, Xeleris 4.0 is the processing and review platform of the Discovery*, Optima* and Brivo* NM and NM/CT series, Infinia* Hawkeye* 4, Venti, Discovery PET/CT 600 series, and all other molecular imaging cameras in GE Healthcare's current offering. Xeleris 4.0 provides the automated processing and connectivity necessary in today's demanding environment.</p> <p>Xeleris 4.0 SPECT/CT includes Motion detection & correction software, is Evolution*-ready with the capability to process studies acquired with Evolution GE cameras, and Volumetrix IR & 3D for SPECT/CT and fused image review.</p>
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

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	<p>quantitative Perfusion SPECT.</p> <ul style="list-style-type: none"> o Cedars Sinai Quantitative Gated SPECT o An application calculating the ejection 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 <ul style="list-style-type: none"> - 17 segment scores and templates in QPS - Diastolic filling parameters in QGS - Eccentricity ratio in QGS

Infinia II W Xeleris Workstation Trade I

Options

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1	<p>Xeleris 4 Workstation</p> <p>DaTQUANT application allows visual evaluation and quantification of Ioflupane (123I) images.</p> <p>DaTQUANT advanced quantification may provide additional</p>

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	<p>information that would not be revealed by visual reading alone.</p> <p>DaTQUANT includes: Automated non-rigid registration with predefined loflupane (123I) template followed by manual adjustment and confirmation; Fast loflupane (123I) SPECT image quantitative analysis: computation of uptake values in the striatum, striatal binding ratios, putamen/caudate ratios, and left/right asymmetry; Repeatable and more accurate analysis; Easy and consistent reporting (PDF format) for referring physicians;</p> <p>Note: DaTQUANT is available for sale only for countries where loflupane (I123) pharmaceutical is approved for use.</p>
1	<p>Q.Brain allows the user to visualize and quantify relative changes in the brain's metabolic function or blood flow activity</p> <p>between a subject's images and controls, when used with radiopharmaceuticals approved by the regulatory authority in the country of use, which may be resulting from brain function alterations in:</p> <ul style="list-style-type: none"> • Epileptic seizures • Dementia, such as Alzheimer's disease, Lewy body dementia, Parkinson's disease with dementia, vascular dementia, and frontotemporal dementia. • Inflammation • Brain death • Cerebrovascular disease such as acute stroke, chronic and acute ischemia • Traumatic Brain Injury (TBI) <p>When integrated with the patient's clinical and diagnostic information,</p> <p>Q.Brain application may aid the physician in the interpretation of cognitive complaints, neuro-degenerative disease processes and brain injuries.</p>
1	<ul style="list-style-type: none"> • Diagnosis of Pulmonary Embolism (PE), Chronic Obstructive Pulmonary Disease (COPD), Emphysema and other lung deficiencies.

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	<ul style="list-style-type: none">• Assess the fraction of total lung function provided by a lobe or whole lung for Lung cancer resection requiring removal of an entire lobe, bilobectomy or pneumonectomy.