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Description

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Discovery NM630 Integrated w/ Xeleris3

Discovery NM 630 Nuclear Imaging System Integrated with Xeleris 3 Workstation Discovery NM630 Integrated with Xeleris 3 includes a Discovery NM 630 Acquisition System and the Xeleris 3 processing and review workstation.

The Discovery NM 630 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.

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:

- 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

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 design includes several features designs for maximum clinical versatility and enhanced operational flexibility:

- Externally mounted detectors for ease of positioning in all major clinical studies, including those for stretcher, standing and seated patients
- Upright and horizontal detector orientations
- Rapid gantry orientation transitions between procedures

| Qty | Description  |
|-----|--|
|     | <p>Real-time, infrared-based Automatic Body Contouring (ABC) for enhanced scanning efficiency and resolution in 90 degrees &amp; 180 degrees SPECT, and whole body scanning procedures</p> <ul style="list-style-type: none"> <li>• User-definable pre-programmed home positions for the gantry orientation and patient table</li> <li>• Gantry display unit with real-time status display and an intuitive, icon-based 20-function handset accessible from either side of the gantry</li> <li>• Fast, semi-automatic dual collimator exchange</li> </ul> <p>The Discovery NM 630 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:</p> <ul style="list-style-type: none"> <li>• Automated positioning via protocol selection</li> <li>• Manual emergency patient egress</li> <li>• Included patient bed mattress with straps</li> <li>• 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</li> <li>• Optional integrated EKG trigger</li> <li>• Optional table accessories including a head holder, table extender, arm support, leg support and additional table pads/straps</li> </ul> <p>The Discovery NM 630 acquisition station is based on a Linux operating system with an Xeleris look-and-feel graphical user interface. The acquisition station performs exam scheduling, protocol editing, scan acquisition, QC acquisition along with routing analysis, and networking.</p> <p>Acquisition Station Hardware:</p> <ul style="list-style-type: none"> <li>• High performance Intel based HP Z400 computer</li> <li>• Intel Xeon Quad Core Processor</li> </ul> |

- 4 GB RAM (2 x 2 GB)
- 500 GB hard drive
- Flat panel display operating at 1280 x 1024 in true color + Operation is via interactive, graphical GE common user interface with the following features:
- Simultaneous acquisition and energy spectrum histogram (PHA) display with up to 64 independent windows per detector to ensure 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
- Universal imaging system connectivity via DICOM 3.0 (per DICOM conformance statement) and Interne 3.3 TCP/IP based protocols
- HIS/RIS integrated workflow including DICOM Modality Work List
- Ability to connect to broadband/high speed network. This 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, and easy access, facilitating departmental 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 reformat of cardiac SPECT, gated SPECT, and PET data including Sestamibi, Thallium, Tetrofosmin, Dual Isotope, FDG, and Rb-82
- 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

The Xeleris 3 includes the following features to facilitate user customization, if necessary:

- 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
- Launch Two for invoking two applications simultaneously for the same dataset
- Customized Aladdin programming

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.

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.

The Xeleris 3 processing and review workstation hardware:

- 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

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.

1 GE NM 600 Series LEHR Collimators (2) with Cart

Discovery NM LEHR Collimators with Cart

D670 Low Energy High Resolution Collimators Includes: o Two LEHR Collimators o Collimators Mounted on a Dedicated Collimator Cart

1 GE NM 600 Series MEGP Collimators (2) with Cart

Discovery NM MEGP Collimators with Cart

D670 Medium Energy General Purpose Collimators

Includes: o Two MEGP Collimators

o Collimators Mounted on a Dedicated Collimator Cart

1 GE NM 600 Series HEGP Collimators (2) with Cart

D670 High Energy General Purpose Collimators Includes: - Two HEGP Collimators Collimators Mounted on a Dedicated Collimator Cart

1 GE NM 600 Series PINHOLE Collimator (1) W/CART

A set of 1 pinhole collimator with 3 inserts with collimator cart for Discovery NM 670

1 D670/630 & B615 QC Point Source Holder

D670/630 & B615 QC Point Source Holder

1 D670/630 & B615 QC Flood Source Holder Kit

Quality Control Flood Source Holder Kit

|   |  |
|---|--|
| 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>NM 600 SERIES BARPHANTOM</p> <p>bar phantom for spatial resolution and linearity tests of gamma cameras. The phantom consists of four quadrants with different bar specification:<br/>For each of the quadrant, bar spacing is 2.5mm, 3.2mm, 3.5mm &amp; 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> <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 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>STRAPS AND PAD KIT</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 ,</p>  |

embedded in the Patient table in order to simplify operation.

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#### Mobile Computer Cart w/ PC Holder

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.

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#### Xeleris 3 23" Dual LCD Monitor & License

Xeleris 3 Dual LCD Monitor & License for a single Xeleris 3 Workstation.

This item contains: o One 22" WideScreen format monitor for Xeleris 3 MI workstation. Provides 40% greater viewing area. o One Dual monitor license

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#### Xeleris 2nd NIC Card Xeleris 2ND NIC (Intel)

Optional Second NIC Card for the Xeleris on Dell 330, HP XW4100 and XW5000 hardware only.

#### Major Features:

- Adds the ability for Xeleris to communicate on two networks, isolating one from the other
- Recommended for all Direct Connect installations and with DS-Series Cameras
- Supports 10 Base-T & 100 Base-TX (1000 Base-T capability not supported at this time)
- Connectors: RJ-45 (Coax/10Base 2 not supported)
- For Cat-5, 4-Wire cabling
- Auto negotiation, full duplex capable

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#### CDRS QGSQPS W/ COMP 10R2

Cedars QGS & QPS w/Companion- 1st or 2nd license Cedars QGS & QPS with Companion Software License for a single Xeleris 3 Workstation (1st or 2nd Licenses)

This item contains three products that are also available separately.

o Cedars Companion



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o Quantitative Gated SPECT is a Protocol That Processes Gated SPECT Data Using the Germano Method. The Ejection Fraction of the Left Ventricle is Calculated and a Three Dimensional Surface Display is Generated.

The Protocol Consists of Several Parts: o Input of Data - Gated or Non-Gated Short Axis Slices are Selected. o Automated Processing - Automatic Edge Detection Algorithms Segment the LV and Find the Inner and Outer Surfaces of the Myocardium. Quantitative Results Including EF and LV Volumes are Generated. Three Dimensional Rendering of the Inner and Outer Walls are Created. A User Interactive Rendering and 3D Model is Created. o Summary Page - Displays Featuring Surface Points, Volume Curve, EF, and Polar Maps. Polar Maps Include Perfusion, Regional EF, Wall Motion, Wall-Thickening, and 3D Cine.

o Cedars-Sinai Quantitative Perfusion SPECTIQPS) Completely Automatic 3-Dimensional Software Approach to Quantitative Perfusion SPECT for the eNTEGRA Workstation. The Software

Main Features are: o Sampling of the Myocardium is Based on an Ellipsoidal Model. o The Entire Count Profile Between the Endocardial and Epicardial Surfaces is Utilized. o The Algorithm is Independent of Myocardial Shape, Size and Orientation, and Establishes a Standard 3D Point-to-Point Correspondence Amongst All Sampled Myocardial Regions. o Quantitative Measurements as Well as 5 Point Semi Quantitative Scores are Automatically Generated for Each of 20 Myocardial Segments, and Summed Perfusion Scores Derived. o Normal Limits Generation is Automatic for Any Given Patient Population, and is Based on Data Fractionally Normalized to Minimize Hot Spot Artifacts.

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#### XELERIS PLUG-IN FOR CEDAR

Xeleris Plug-in for Cedars Xeleris Plug-in for Cedars enables the integration of Cedars cardiac applications within the Myovation workflow. Single license required for all applications.

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#### 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:

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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.

MDC - Motion Detection & Correction MDC - Motion Detection & Correction X2 AAO Motion DC MDC: SPECT Motion Detection and Correction:

Automated cardiac and general purpose SPECT motion correction integrated into Xeleris applications.

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.

o QA tools include:

– 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)

–Integrated into Myovation Cardiac Suite and other general purpose SPECT reconstruction packages.

#### EVOLUTION FAMILY

The Evolution Family package includes:

- Evolution for Bone and SPECT Camera License
- Evolution for Planar Bone and Camera License

- Evolution for Cardiac and SPECT Camera License
- Evolution Toolkit and Camera License

It is available on Infinia, Infinia Hawkeye 4, Ventri, Discovery NM 630 and Discovery NM/CT 670 cameras

Evolution for Bone:

- Evolution for Bone (EfB) provides 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.
- Evolution for Bone Camera License enables camera capability to provide data for Evolution for Bone (EfB).

Evolution for Planar Bone:

- Evolution for Planar Bone (EfPB) enables equivalent image quality on half-dose or half-time Planar Bone scans.
- Evolution for Planar Bone Camera License enables camera capability to provide data for Evolution for Planar Bone (EfPB).

Evolution for Cardiac:

- Evolution for Cardiac (EfC) provides 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.
- Evolution for Cardiac Camera License (EfC) SPECT Camera License enables camera capability to provide data for Evolution for Cardiac (EfC).

Evolution Toolkit:

- Evolution Toolkit provides resolution recovery 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, 1123 and Tl201 isotopes.
- Evolution Toolkit Camera License enables camera capability to provide data for Evolution Toolkit.

Xeleris 3 Plug-in for Evolution Family - JHU RR 1st Resolution recovery license for first workstations or Evolution products

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#### CARD MORPH X3 1 CAMERA LI

Xeleris 3 Cardiac Morphing Software Licenses for a single Xeleris 3 Workstation with one Camera License each.

This item contains two software licenses that are also available separately.

o Cardiac Morphing provides Elastic registration of gated cardiac cycle to the end diastolic bin. The removal of blurring in the cardiac cycle provides enhanced clarity of myocardial wall visualization. This license H3901MC processes data from the Infinia, Infinia Hawkeye 4, Ventri and Discovery 670 family of cameras. This license can only function with pre-requisite JHU-RR (58006RZ / 580065) and (H3602PT) CARDIAC MORPHING CAMERA LICENSE

o Enables Camera capability to provide data for Cardiac Morphing. Cardiac Morphing provides Elastic registration of gated cardiac cycle to end diastolic bin. The removal of blurring in the cardiac cycle provides enhanced clarity of myocardial wall visualization. This license (H3602PT) is for the Infinia, Infinia Hawkeye 4, Ventri and Discovery 670 family of Cameras. This license can only function with pre-requisite JHU-RR (H3901KS/H3901KT) and Cardiac Morphing (H3901MC)

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#### DATQUANT SERVER LICENSE

DaTQUANT server License  
Enables DaTQuant on XFL clients

Required XFL server, XFL client license and 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:

- 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 binding ratios, putamen/caudate ratios, and left/right asymmetry
- Repeatable and more accurate analysis

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- Easy and consistent reporting (PDF format) for referring physicians
- DATQUANT LICENSE

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- Fast loflupane (1231) 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 Note: DaTQUANT is available for sale only for countries where loflupane (1123) pharmaceutical is approved for use.

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QuantEM Software for Xeleris/eNTEGRA

QuantEM Software for the eNTEGRA Workstation and GENIE PER Quantitative Analysis for Tc-99m Mag 3 Renography. Includes Syringe Holder and Gates Adapter. Includes Whole Kidney and Cortical Renogram Analysis, and Camera Clearance Determination.

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X3TOX3 SERVER SW 1 CLIENT

X3TOX3 SERVER SW 1 CLIENT

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Xfl Client (2nd Per Srv)

2nd XFL client lic. for new remote station: 2nd license per  
Xeleris 2.x server

Second XFL client license to be installed on a Xeleris 2.x server (xw4100, xw6200, xw6400, xw4600 or newer hardware) in order to use a PC computer as a new remote station, including

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XFL allows the user to load Xeleris Client Software across the network on their own PC Hardware that meets minimal requirements. With this option, the user can use several Xeleris applications on that client remote PC as long as a floating license is available on the central Xeleris 2.x PC. Some restrictions may apply and performance will vary depending on the client PC configuration.

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Almost all Xeleris standard applications are supported by XFL to cover all Nuclear Medicine clinical care areas:

- > General tomography
- > Cardiac
- > Renal > Bone >
- Oncology & Infection
- > Gastrointestinal
- > Lung > Brain >
- Thyroid & parathyroid
- > Miscellaneous (Aladdin to run applications (no Editor), MFSC results display, Dynamic Motion Correction, 3D Filtering, ...)
- > Workspace

A few standard applications are NOT available for XFL: Aladdin Editor, XT ERNA, Color map Creator, Perfusion Motion Correction, Edit Attribute, Merge, archiving & database transfers.

Many Xeleris software options are also available for XFL as site licenses (one license per server): Evolution for Cardiac, Evolution for Bone, Volumetrix 3D, Volumetrix IR, MDC, Multimedia Creator, Image Registration, etc. Dual Monitor option is also available for XFL as system licenses (one license per client system). All these options need purchase of additional specific licenses to run the related applications on the server and on the remote XFL clients.

Some options (Cedars, Segami, and 4D-MSPECT options) are NOT available for XFL, but the user can view MFSC (Multi-Frame Secondary Capture) of results using XFL, and Myometrix with ECToolbox offers cardiac viewing and processing tools similar to Cedars and 4D-MSPECT software.

Note 1: This cat number is used to order the 2nd XFL client license for a new remote station server, other cats are used for the 1st, 3rd to the 5th licenses, and for old workstation replacement.

Note 2: PC Hardware and network must meet minimal requirements, including:

Quotation Number: PR11-C3861 V 1

- Operating System: Windows XP SP2
- Screen resolution: 1280x1024
- Color Quality: True Color (32 bits)
- CPU: Pentium 4 -1.7 GHz or equivalent
- Physical Memory: 1 GB RAM (2 GB RAM recommended for

PET

data viewing)

- Video RAM Size: 32 MB
- Free Space on Drive C: 300 MB
- Internet Explorer Version: 6.0
- Acrobat Reader Version: 5.0
- Connection: via LAN (Local Area Network) to a Xeleris 2

Desktop server

- Network: 100BaseT network recommended

Other restrictions may apply. A software utility is available to test the client PC and network performances in order to check compliance to these minimal requirements.

Note 3: Performance may vary based on PC & network characteristics, data loaded, and other Software running concurrently.

Note 4: Studies should be read on monitors that comply with the SMPTE and BWH standards.

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Xfl Client (3rd Per Srv)

3rd XFL client lic. for new remote station: 3rd license per  
Xeleris 2.x server

Third XFL client license to be installed on a Xeleris 2.x server (xw4100, xw6200, xw6400, xw4600 or newer hardware) in order to use a PC computer as a new remote station, including

- o 3rd Floating License

XFL allows the user to load Xeleris Client Software across the network on their own PC Hardware that meets minimal requirements. With this option, the user

can use several Xeleris applications on that client remote PC as long as a floating license is available on the central Xeleris 2.x PC. Some restrictions may apply and performance will vary depending on the client PC configuration.

Almost all Xeleris standard applications are supported by XFL to cover all Nuclear Medicine clinical care areas:

- > General tomography
- > Cardiac
- > Renal > Bone > Oncology & Infection
- > Gastrointestinal
- > Lung > Brain > Thyroid & parathyroid
- > Miscellaneous (Aladdin to run applications (no Editor), MFSC results display, Dynamic Motion Correction, 3D Filtering, ...)
- > Workspace

A few standard applications are NOT available for XFL: Aladdin Editor, XT ERNA, Color map Creator, Perfusion Motion Correction, Edit Attribute, Merge, archiving & database transfers.

Many Xeleris software options are also available for XFL as site licenses (one license per server): Evolution for Cardiac, Evolution for Bone, Volumetrix 3D, Volumetrix IR, MDC, Multimedia Creator, Image Registration, etc. Dual Monitor option is also available for XFL as system licenses (one license per client system). All these options need purchase of additional specific licenses to run the related applications on the server and on the remote XFL clients.

Some options (Cedars, Segami, and 4D-MSPECT options) are NOT available for XFL, but the user can view MFSC (Multi-Frame Secondary Capture) of results using XFL, and Myometrix with ECToolbox offers cardiac viewing and processing tools similar to Cedars and 4D-MSPECT software.

Note 1: This cat number is used to order the 3rd XFL client license for a new remote station server, other cats are used for the 1st, 2nd, 4th and 5th licenses, and for old workstation replacement.

Note 2: PC Hardware and network must meet minimal requirements,



- Screen resolution: 1280x1024
- Color Quality: True Color (32 bits)
- CPU: Pentium 4 -1.7 GHz or equivalent
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- Physical Memory: 1 GB RAM (2 GB RAM recommended for PET data viewing)
- Video RAM Size: 32 MB
- Free Space on Drive C: 300 MB
- Internet Explorer Version: 6.0
- Acrobat Reader Version: 5.0
- Connection: via LAN (Local Area Network) to a Xeleris 2 Desktop server
- Network: 100BaseT network recommended

Other restrictions may apply. A software utility is available to test the client PC and network performances in order to check compliance to these minimal requirements.

Note 3: Performance may vary based on PC & network characteristics, data loaded, and other Software running concurrently.

Note 4: Studies should be read on monitors that comply with the SMPTE and BWH standards.

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XFL Dual Monitor License  
X2 AAO XFL DUAL MONITOR  
XFL Dual Monitor License: license for Dual Monitor Optimized Xeleris Applications on XFL clients.

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Emory Cardiac Toolbox  
Ectoolbox VL XFL Server

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CEDARS XFL with 3 client licenses  
CEDARS XFL W/3 CLIENTS  
The X3 Cedars XFL with three Client provides three XFL Clients for Cedars packages QGS/QPS and Cedars Companion. Full functionality of the Cedars options QGS/QPS and Cedars Companion are available on Xeleris 3 clients.  
The client package is applicable for XFL, XFL Remote and Xeleris Suite.  
Requirements are: o Xeleris 3 o 3 XFL, XFL Remote or Xeleris Suite floating

licenses o Licenses for Cedars packages QGS/QPS and Cedars Companion  
required on Xeleris 3 XFL server (including Cedars Plug-in)

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INFINIA UPGRADE USB HASP

Nuclear Medicine Camera License HASP

2

TIP HQ Class NM Workstation - Full Service

TIP HQ Class NM Workstation - Full Service

3.5 day TiP NM Workstation course held in the Milwaukee area. Includes travel  
and modest living expenses.

This course will prepare the technologists and Physicians for performing the  
daily workstation operations.

This training program must be scheduled and completed within 12 months  
after the date of product delivery.

2

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.

2

6 Days Onsite Plus 10 Hours TVA

6 Days Onsite Plus 10 Hours TVA

6 Days, 2 Visit Onsite plus 10 Hours TVA training for NM Camera System and  
Workstation.

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.

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6 KVA UPS for Nuclear Medicine

6 KVA UPS for 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

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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

#### SPECIFICATIONS

- 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

#### COMPATIBILITY

- Maxxus

#### NM NOTES:

- Customer is responsible for rigging and arranging for installation with a certified electrician
- ITEM IS NON-RETURNABLE AND NON-REFUNDABLE

Patient Arm Support System for Nuclear, PET/CT, MRI

Patient Arm Support for NM, PET/CT, MR

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

Patient Leg Rest for Nuclear, PET/CT, MRI

Quotation Number: PR11-C3861 V 1  
Patient Leg Rest for Nuclear, PET/CT, MRI

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

1 Patient Straps w/ Velcro Hook

Set of Two Naugahyde Straps With Velcro Hook Closure. One 3 Inch x 74 Inch and One 5 Inch x 74 Inch ..H

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 DISC NM630 & BRIVO NM615

Discovery NM630 and Brivo NM615(class/lab)

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.

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.

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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, 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.

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

2

#### 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

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#### Lodging Weekend Expense

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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

#### XELERIS 2.0 SERVICE

#### Xeleris Service Web

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.

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