

REQUESTING SERVICE: RADIOLOGY

SHIP TO: VA WHSE BLDG 205  
V.A. Medical Center  
VETERANS WAY & LAMONT ST  
DOGWOOD AVE, BLDG 205  
MTN HOME, TN 37684

REQUISITION: 621-B83044

Qty	Item Description
1	<b>Symbia Evo</b> The Symbia Evo is a variable angle dual detector SPECT imaging system with an open gantry designed to maximize patient comfort and fast data acquisition. Equipped with Foresight Digital detectors, the Symbia Evo offers the industry's leading image quality for general purpose imaging as well as dedicated Cardiac SPECT applications. The Symbia Evo can be upgraded to Symbia Intevo Excel, Intevo 2, 6, or 16.  The Symbia Evo comes equipped with a user-friendly software interface which is seamlessly integrated with the Windows 7 operating system.
2	<b>Low Profile 3/8" Detectors</b> The low profile high resolution, digital detector assembly includes a .95 cm (3/8 in.) thick NaI (TI) crystal.
1	<b>Caudal Tilt</b> Caudal tilt on Detector 2 allows for precise positioning of static and dynamic acquisitions.
2	<b>Low Energy High Res Collimator</b> Low energy (140 keV), high resolution, parallel hole collimator
2	<b>Medium Energy Collimator</b> Medium energy (300 keV), parallel hole collimator
2	<b>High Energy Collimator</b> High energy (364 keV) parallel hole collimator
1	<b>Pinhole Collimator</b> Pinhole collimator with a 4mm aperture
1	<b>6mm Aperture</b> The 6 mm aperture is a high sensitivity insert for the pinhole collimator.
1	<b>8 mm Aperture</b> The 8 mm aperture is a high sensitivity insert for the pinhole collimator.

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1	<b>Symbia Productivity Package</b> The productivity package automates collimator exchange and quality control, increasing the productivity of the Symbia Intevo and Evo camera systems.
1	<b>Collimator Cart</b> The collimator cart is designed to hold extra collimators and allows collimator exchange without pivoting the bed.
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1	<b>AQC Web Based Training</b> AutoQC web based training is available on the Siemens training website.
1	<b>AutoQC source kit</b> This source kit contains includes 1 - Gd-153 line and 1 - Co-57 point source required for the automatic quality control option.  Note: The site Radioactive Material License may need to be updated to receive this source.
1	<b>Internal ECG for Symbia</b> The internal ECG gating system provides ECG triggering for the nuclear subsystem for nuclear cardiology examinations. In addition, for Symbia Intevo Excel, 2, 6 and 16, and T2, T6, and T16 cameras, the internal ECG gate provides ECG triggering to the CT subsystem for CT applications that require ECG gating.  The ECG gate is built into the Symbia patient bed and is controlled by the Symbia acquisition workplace. The leads are AHA (American standard) color coded. They connect near the head of the patient bed and travel with patient, thus never interfering with scanning.  The ECG waveform is displayed on the touch-screen Patient Positioning Monitor.
1	<b>Extra Hand Controller</b> Provides an extra hand controller for the scanner.
1	<b>UPS for Symbia Camera Systems</b> Uninterruptible power supply option that provides 10 minutes of back up power to the SPECT gantry enabling the proper shut down in the event of a power loss. Also provides noise filtering and transient suppression.  Specifications:5.0 KVA Input configuration: 200-240 VAC, 50/60 Hz, L6-30P Output configuration: 208 VAC, L6-30R
1	<b>UPS for e.soft/c.cam (60 Hz)</b> Uninterruptible power supply option that provides 10 minutes of back up power enabling the proper shut down of the system in the event of a power loss.
1	<b>PHS Extended Pivot</b> The PHS extended pivot option extends the range of pivot for the patient bed in gurney mode.
1	<b>Monitor: 19 inch LCD</b> The 19" LCD Monitor is an economic monitor solution
1	<b>SPECT Dual Monitor Option</b> The option enables your MI Workplace to utilize 2 LCD monitors.
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1	<b>e.media option</b> The e.media patient comfort and education package integrates high quality video and sound through the color touch

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	screen patient positioning monitor.
1	<b>e.media DVD Player</b> The e.media patient education and comfort package plays high quality video and sound through the color patient positioning monitor via a built-in commercial DVD player. The small size and compact shape of the e.media DVD player allows convenient storage and easy access for changing media.
1	<b>4 Quadrant Phantom</b> A 4 quadrant 2.0-2.5.30.3.5 mm standard pattern slightly modified for use with Symbia Imaging Systems
1	<b>Organ Processing for Symbia</b> This upgrade will add organ processing capabilities to your acquisition workplace.
1	<b>Planar 1/2 Time Imaging</b> Planar 1/2 Time Imaging provides shortened Planar acquisition times.
1	<b>Oncology Engine Advanced</b> The Oncology Engine Advanced facilitates lesion detection by enabling the visualization, volumetric analysis, and fusion of SPECT. studies as well as the automated or manual registration of images from other, independently acquired modalities (e.g., CT, MR).
1	<b>Cardiology Engine Cedars</b> The Cardiology Engine Cedars assists in the diagnosis and quantitative assessment of coronary artery disease by enabling the visualization of SPECT studies as well as quantified perfusion assessment.
1	<b>Neurology Engine</b> The Neurology Engine enables the quantification of SPECT neurology examinations.
1	<b>PPM on MI Workplace</b> This option is a software application that allows viewing and interacting with the patient positioning monitor from the Symbia acquisition workplace.
1	<b>Remote Diagnostic Services</b> Siemens Remote Services. A broadband VPN connection is required for full remote service functionality and optimal system uptime.
1	<b>Under Floor PHS Cable SPECT</b> This option includes a kit for installing the cable between patient bed and the Symbia gantry under the floor.
1	<b>SPECT US Installation</b> This option includes the mechanical installation of the Symbia Evo series scanners.
1	<b>Symbia.net</b> Symbia.net is an economical solution for reading of SPECT and SPECT-CT studies. The system can be optionally configured with full MI processing capabilities. The Symbia.net can be configured as a client-server system by adding the Server Management option. PET functionality is available on multi-seat systems.
1	<b>Organ Processing</b> Processing software package that provides cardiac and other organ-based SPECT processing.
1	<b>Oncology Engine Advanced</b> The Oncology Engine Advanced facilitates lesion detection by enabling the visualization, volumetric analysis, and fusion of SPECT. studies as well as the automated or manual registration of images from other, independently acquired modalities (e.g., CT, MR).
1	<b>Cardiology Engine Cedars</b> The Cardiology Engine Cedars assists in the diagnosis and quantitative assessment of coronary artery disease by enabling the visualization of SPECT studies as well as quantified perfusion assessment.
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**Monitor, 19" LCD DICOM**

The 19" DICOM Calibrated LCD monitor is designed to meet the demanding requirements of medical imaging. The display features high contrast even under high ambient light conditions that can be encountered in nuclear medicine viewing environments. The gamma curve is exactly matched to CIE/DICOM recommendation, enhancing the ability to display both color and gray scale images. Light output stability is ensured by continuous backlight control throughout the display's lifetime.

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**Initial onsite training 32 hrs**

Up to (32) hours of on-site clinical education training, scheduled consecutively (Monday - Friday) during standard business hours for a maximum of (4) imaging professionals. Training will cover agenda items on the ASRT approved checklist. Uptime Clinical Education phone support is provided during the warranty period for specified posted hours. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.

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**GOV'T ONLY - MI SPECT Training Class**

Tuition for (1) government attendee to attend a classroom course of choice at one of the Siemens training centers. This educational offering must be completed (12) months from install end date. If training is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.

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**MI SPECT Project Management**

A Siemens Project Manager (PM) will be the single point of contact for the implementation of your Siemens equipment. The assigned PM will work with the customer's facilities management, architect or building contractor to assist you in ensuring that your site is ready for installation. Your PM will provide initial and final drawings and will coordinate the scheduling of the equipment, installation, and rigging, as well as the initiation of on-site clinical education.

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## OPTIONS

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**Elevate O Symbia S HD**

Elevate is a Siemens Healthineers customer care program that helps you get the most from your investment. As a valued customer, MI Elevate offers customers a wide range of solutions and benefits for your existing installed Siemens Healthineers MI system.

As you consider the options for replacing your existing SPECT system, Siemens Healthineers is committed to helping you find the solution that best fits your needs and enable a smooth transition to your next-generation SPECT or SPECT/CT system. Allowing you to stay competitive with the latest technology in healthcare.