

REQUESTING SERVICE: NUCLEAR MEDICINE

REQUISITION: 521-B92029

SHIP TO: CHIEF, A&MM

V.A. Medical Center

700 SOUTH 19TH ST

BIRMINGHAM, AL 35233

Ln	Spectrum-Dynamics P/N Item Summary Description	Quantity
1	D-SPECT / D-SPECT-L Chair Upgrade See below for Description	1
2	Accessories, Chair, Plastic Leg Cover See below for Description	1
3	Accessories, Chair, Seat Belt set of 2 See below for Description	1
4	Dynamic SPECT (Cedars) See below for Description	1
5	Syringe Infusion Pump Package See below for Description	1
6	Refresh - D-SPECT Win 10 (Cedars) See below for Description	1
7	Refresh - D-SPECT Win 10 Processing station (Cedars) See below for Description	1
8	S/W, SDI, UNLIMITED PROCEDURES See below for Description	1
9	S/W 4DM SPECT (Integrated) See below for Description	2
10	S/W 4DM INTEG SPECT TRN, (1 DAY Adtl-NA) See below for Description	1
11	S/W 4DM INTEG SPECT TRN, (1 DAY-NA) See below for Description	1

Quantity	Description
1.00	<p>Description for Ln 1. D-SPECT / D-SPECT-L Chair Upgrade</p> <ul style="list-style-type: none"> • Replace existing D-SPECT/D-SPECT-L chair/bed with updated model • 1000 lb/454 kg weight limit • Integrated grab bar • Stronger motors • Detachable arm rest • Field upgradeable
1.00	<p>Description for Ln 2. Accessories, Chair, Plastic Leg Cover</p> <p>Washable cover for patient chair leg rest</p>
1.00	<p>Description for Ln 3. Accessories, Chair, Seat Belt set of 2</p> <p>One pair of seat belts designed for the D-SPECT Cardiac System.</p>
1.00	<p>Description for Ln 4. Dynamic SPECT (Cedars)</p> <p>This software package provides the capability to acquire and process a Gated SPECT in Dynamic mode using proprietary dynamic list mode acquisition software.</p> <p>The acquired information can be displayed in traditional formats, as well as three-dimensional renderings, and various forms of animated sequences, showing kinetic attributes of the heart. Quantitative processing is performed using Cedars QGS+QPS with Plus pack processing software (single license). This includes:</p> <ul style="list-style-type: none"> · Software upgrade to Dynamic SPECT (acquisition and reconstruction) · Cedars QGS+QPS with Plus pack processing software (single license) · Customized syringe carrier box · 2 days of onsite applications training <p>* Dynamic SPECT is only available for use on the D-SPECT 9 detector system ** If running Windows XP software, you must upgrade to Windows 7 prior to using Dynamic SPECT. This will incur additional charges. *** Does not include Injector System **** Requires the ability for remote connectivity with Spectrum Dynamics Medical</p>
1.00	<p>Description for Ln 5. Syringe Infusion Pump Package</p> <ul style="list-style-type: none"> • Syringe Infusion Pump • Includes supplies to perform 25 Stress/Rest Procedures <ul style="list-style-type: none"> - 100 60" Coiled Connector Tube with check valve - 50 Standard Bore T-Port Extension set Ultrasite valve, side clamp - 50 140 mL Luer Lock Tip Syringes
1.00	<p>Description for Ln 6. Refresh - D-SPECT Win 10 (Cedars)</p> <p>"Acquisition Station: Windows 10 LTSB (Build 1607, End of support Oct 2026) upgrade include the following:</p> <ol style="list-style-type: none"> 1. Processor : at least 6th Gen Intel® Core™ i7-6700 2. TPM Enabled 3. BitLocker enabled. 4. Graphics: at least NVIDIA NVS 310 2DP 1GB 5. Memory : at least 8GB (1x8GB) 2400MHz DDR4 Memory 6. HD : Two 1TB drives in RAID1 (1 for the operating system & 1 for the software) 7. Optical Drive : DVD+/-RW Drive 8. Mouse : Dell USB Optical Mouse - Black 9. Keyboard : Dell Multimedia Keyboard 10. OS : Windows 10 11. CD/DVD : DVD+/-RW 12. NIC: 1x On board, 2x addon 13. Latest D-SPECT acquisition applications software

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14. Acquisition QC tools
 15. Patient database
 16. 24" LCD Monitor (1920 x 1200 resolution)

Processing Station: Windows 10 LTSB (Build 1607, End of support Oct 2026)
upgrade include the following:

1. Processor : at least 6th Gen Intel® Core™ i7-6700
2. TPM Enabled
3. BitLocker enabled.
4. Graphics: at least NVIDIA NVS 310 2DP 1GB
5. Memory : at least 8GB (1x8GB) 2400MHz DDR4 Memory
6. HD : Two 1TB drives in RAID1 (1 for the operating system & 1 for the software)
7. Optical Drive : DVD+/-RW Drive
8. Mouse : Dell USB Optical Mouse - Black
9. Keyboard : Dell Multimedia Keyboard
10. OS : Windows 10
11. CD/DVD : DVD+/-RW
12. NIC: 1x On board, 2x addon
13. Latest D-SPECT Processing software
14. Patient DICOM CD application
15. 24" LCD Monitor (1920 x 1200 resolution)

Cedars Deluxe Perfusion package + QBS

This application includes QGS, QPS, Plus pack & Companion to provides cardiac function and perfusion quantitation using gated and ungated MPI datasets: ED and ES volumes, ejection fraction, and perfusion measures such as SSS/SRS/SDS and TPD.

The image data can be viewed in a variety of modes, from selected slices in a 2D view to a rendered 3D surface of the myocardium with parametric maps (perfusion, motion, thickening and regional EF).

Kinetic Analysis

-Allows for the processing of dynamic coronary flow and coronary flow reserve data

QBS - An interactive standalone application for the automatic segmentation and quantification of gated short axis blood pool (red blood cells, RBC), SPECT and planar.

Note: Any replaced or changed system/computer components required to accomplish this upgrade will be returned to Spectrum Dynamics. - Specifications are subject to change without notice."

1.00 Description for Ln 7. Refresh - D-SPECT Win 10 Processing station (Cedars)

"Processing Station: Windows 10 LTSB (Build 1607, End of support Oct 2026)
upgrade include the following:

1. Processor : at least 6th Gen Intel® Core™ i7-6700
2. TPM Enabled
3. BitLocker enabled.
4. Graphics: at least NVIDIA NVS 310 2DP 1GB
5. Memory : at least 8GB (1x8GB) 2400MHz DDR4 Memory
6. HD : Two 1TB drives in RAID1 (1 for the operating system & 1 for the software)
7. Optical Drive : DVD+/-RW Drive
8. Mouse : Dell USB Optical Mouse - Black
9. Keyboard : Dell Multimedia Keyboard
10. OS : Windows 10
11. CD/DVD : DVD+/-RW
12. NIC: 1x On board, 2x addon
13. Latest D-SPECT Processing software
14. Patient DICOM CD application
15. 24" LCD Monitor (1920 x 1200 resolution)

Cedars Deluxe Perfusion package + QBS

This application includes QGS, QPS, Plus pack & Companion to provides

cardiac function and perfusion quantitation using gated and ungated MPI datasets: ED and ES volumes, ejection fraction, and perfusion measures such as SSS/SRS/SDS and TPD.

The image data can be viewed in a variety of modes, from selected slices in a 2D view to a rendered 3D surface of the myocardium with parametric maps (perfusion, motion, thickening and regional EF).

Kinetic Analysis

-Allows for the processing of dynamic coronary flow and coronary flow reserve data

QBS - An interactive standalone application for the automatic segmentation and quantification of gated short axis blood pool (red blood cells, RBC), SPECT and planar.

Note: Any replaced or changed system/computer components required to accomplish this upgrade will be returned to Spectrum Dynamics. - Specifications are subject to change without notice."

1.00 **Description for Ln 8. S/W, SDI, UNLIMITED PROCEDURES**

Allows unlimited Simultaneous Dual Isotope procedures

2.00 **Description for Ln 9. S/W 4DM SPECT (Integrated)**

4DM Integrated SPECT package provides advanced cardiovascular quantification and image displays.

4DM SPECT quantifies, displays and provides reporting for SPECT myocardial perfusion and function and SPECT blood pool studies in a single, configurable application.

- Perfusion, function, metabolism and reporting in a single application
- Verify integrity of tomographic (raw) datasets
- Compare tracer perfusion of stress to rest
- Quantitative assessment of regional perfusion extent and severity
- Assess and display systolic and diastolic function for ECG studies
- Generate and view DICOM static and multi-frame secondary screen captures
- 3 orthogonal plane viewer for tomographic images

A one year Maintenance Agreement, which includes free upgrades, is included.

Excludes training from Invia

1.00 **Description for Ln 10. S/W 4DM INTEG SPECT TRN, (1 DAY Adtl-NA)**

4DM Integrated, 1 day extension to 300010 (within the US or Canada, inclusive of travel expenses)

1.00 **Description for Ln 11. S/W 4DM INTEG SPECT TRN, (1 DAY-NA)**

4DM Integrated, training by INVIA for each new 4DM sale is required. Price is inclusive of travel expenses for one person from INVIA to train on-site for one (8) hour business day, within the US or Canada.
