

HC/HT Specifications Gamma Camera

Gamma camera Technical Requirements:

1. Dedicated nuclear cardiology solid state gamma camera
2. Cadmium zinc telluride CZT based solid state detectors
3. Focused multi-pinhole collimation
4. Gated SPECT acquisitions can be completed in as fast as 3 minutes
5. Built in diagnostic tools
6. Multi-isotope and multi-peak scanning
7. Uninterruptable power supply (UPS) for powering gantry and acquisition workstation
8. DICOM HIS/RIS workflow
9. Quality control package to include but not limited to:
 - Quality assurance source holder
 - Quality control flood holder and kit
 - Quality control point source holder
 - Bar phantom for quality checks (QCs)
10. Cardiac trigger with recorder
11. Optical drive read-write
12. FDA 510(k) clearance
13. Ability to push images from modality to current GE Xeleris system used throughout healthcare system
14. Must be personal identity verification (PIV) badge compatible

Table Technical Requirements

1. Patient weight capacity ≥ 500 lbs. but encouraged to submit bids with highest weight support
2. Vertical descent to 60 cm or lower
3. Patient comfort kit (Arm supports for supine and prone imaging, leg supports)

Workstation Technical Requirements

1. Acquisition workstation including UPS (as defined by vendors) Acquisition workstation must be compatible with GE Xeleris Workstation
2. Processing workstation including UPS (as defined by vendors)
3. Windows 7 operating system
4. Storage capacity
5. **CD/DVD RW**
6. **Daily QC application software**

Advanced Applications

1. Full cardiac package to include but not limited to:
 - Gated myocardial perfusion imaging
 - Gated blood pool
 - First pass
 - Quantitative gated SPECT (QGS)
 - Quantitative perfusion SPECT (QPS)
 - Motion Correction

Room Requirements

1. System must fit in a 15' x 12' room, allowing room for wheelchair and stretcher patients.

Training

Technologist Training:

1. Initial Onsite Applications Training (minimum 4 days) – to be used for technologists
2. Follow-up Onsite Applications Training (minimum 2 days) – to be used with the first 12 months from Go- Live for technologists

Physician Training:

1. Go-Live onsite Applications Training (minimum 2 days) – to be used for Physicians
2. Follow-up Onsite Applications (minimum 1 days) – to be used with the first 12 months from Go-Live for Physicians

Technical Training:

1. Technical Biomedical Engineering Training – 2 reserved
 - Quote to include all prerequisite courses necessary for modality service training
2. Technical Biomedical Engineering Training Travel Package (Lodging/Meals/Transportation)

Support and other Documentation to Provide:

1. Provide DICOM Conformance Statement
2. Provide completed Pre-procurement Assessment form (6550) and MDS2 document
3. Provide information about your company's applications and technical support structure during the warranty period (i.e. a listing of Field Service Engineer locations and availability, support 800 phone number(s), remote support, etc.)
4. Provide information about your company's applications and technical support structure during after the warranty period (i.e. a listing of Field Service Engineer locations and availability, support 800 phone number(s), remote support, etc.)

Trade-in

Manufacturer: GE Medical Systems

Model: Millenium MyoSight

EE: 45757

S/N: 51518

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