



Site Scanning Data For

Nuclear Medicine Accreditation Program

Site Scanning Data Form  
Facility NMAP No. \_\_\_\_\_ Unit No. \_\_\_\_\_

All information on this data sheet must be accurately specified. **PLEASE COMPLETE ONLINE**

**CAMERA SYSTEM INFORMATION**

Camera Vendors	Model Name	Year of Manufacturer		Serial Number

**Computer System:**

Model Name	Computer Software Version	Vendor

Has all data submitted for the camera system been processed in a manner similar to clinical data with the computer and software indicated above?  Yes  No

Has the physicist verified that the phantom used for this submission is the ACR-approved phantom described in the most recent site scanning instructions?  Yes  No

Other information or comments: \_\_\_\_\_

**PLANAR IMAGES**

*You must acquire your planar spatial resolution images with the ACR-approved phantom for the isotopes you have selected for the SPECT phantom acquisition(s). The 4-quadrant bar phantom should be used for isotopes that are selected as planar only.*

**Acquisition One – Tc-99m**

**A. Field Uniformity**

Isotope: <input type="checkbox"/> Tc-99m <input type="checkbox"/> Co-57 Method: <input type="checkbox"/> Intrinsic <input type="checkbox"/> System Total Counts: <input type="checkbox"/> 10M (large rect.) <input type="checkbox"/> 5M <input type="checkbox"/> Other _____ M Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> other _____	Time for acquisition: _____ sec Window 1: _____ (peak)/ _____ % Collimator: <input type="checkbox"/> General Purpose <input type="checkbox"/> High Resolution <input type="checkbox"/> other _____

**B. Spatial Resolution**

Please select type of the test pattern for phantom:  Four Quadrant  ACR Phantom

If Four Quadrant

Isotope: _____ Method: <input type="checkbox"/> Intrinsic <input type="checkbox"/> System Total Counts: <input type="checkbox"/> 5M <input type="checkbox"/> 3M Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> 512 <input type="checkbox"/> 1024 <input type="checkbox"/> other _____	Time for acquisition: _____ sec Collimator: <input type="checkbox"/> General Purpose <input type="checkbox"/> High Resolution
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If ACR Phantom

Isotope: Tc-99m Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> Other _____ Total Counts: 600K	Time for acquisition: _____ sec Collimator: <input type="checkbox"/> General Purpose <input type="checkbox"/> High Resolution
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**Acquisition Two – Tl-201**

**A. Field Uniformity**

Method: <input type="checkbox"/> Intrinsic <input type="checkbox"/> System Total Counts: <input type="checkbox"/> 10M (large rect.) <input type="checkbox"/> 5M <input type="checkbox"/> Other _____ M Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> other _____	Window 1: _____ (peak)/ _____ % Window 2: _____ (peak)/ _____ % Window 3: _____ (peak)/ _____ % Collimator: <input type="checkbox"/> General Purpose <input type="checkbox"/> High Resolution <input type="checkbox"/> other _____

<b>B. Spatial Resolution</b>	
Please select type of the test pattern for phantom: <input type="checkbox"/> Four Quadrant <input type="checkbox"/> ACR Phantom	
If Four Quadrant	
Method: <input type="checkbox"/> Intrinsic <input type="checkbox"/> System Total Counts: <input type="checkbox"/> 5M <input type="checkbox"/> 3M Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> 512 <input type="checkbox"/> 1024 <input type="checkbox"/> other _____	Time for acquisition: _____ sec Collimator: <input type="checkbox"/> General Purpose <input type="checkbox"/> High Resolution
If ACR Phantom	
Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> Other _____ Total Counts:    600K	Time for acquisition: _____ sec Collimator: <input type="checkbox"/> General Purpose <input type="checkbox"/> High Resolution

<b>Acquisition Three – Ga-67/In</b>	
<b>A. Field Uniformity</b>	
Method: <input type="checkbox"/> Intrinsic <input type="checkbox"/> System Total Counts: <input type="checkbox"/> 10M (large rect.) <input type="checkbox"/> 5M <input type="checkbox"/> Other _____ M Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> other _____	Window 1/: _____ (peak)/ _____ % Window 2/: _____ (peak)/ _____ % Window 3/: _____ (peak)/ _____ % Collimator: <input type="checkbox"/> Medium Energy <input type="checkbox"/> other _____

## B. Spatial Resolution

Please select type of the test pattern for phantom:  Four Quadrant  ACR Phantom

If Four Quadrant

Method: <input type="checkbox"/> Intrinsic <input type="checkbox"/> System	Time for acquisition: _____ sec
Total Counts: <input type="checkbox"/> 5M <input type="checkbox"/> 3M	Collimator: Medium Energy
Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> 512 <input type="checkbox"/> 1024 <input type="checkbox"/> other _____	

If ACR Phantom

Matrix: <input type="checkbox"/> 256 <input type="checkbox"/> Other _____	Time for acquisition: _____ sec
Total Counts: 600K	Collimator: Medium Energy

If at least one Four Quadrant value is selected for any isotope

<i>Fill in the appropriate fields based on the four-quadrant bar phantom used (smallest bars should be between 2 and 3 mm)</i>
Four Quadrants (smallest to largest): _____ mm

If at least one ACR Phantom value is selected for any isotope or "This unit is unable to acquire planer images" was checked for current unit in the application

<b>SPECT Phantom Information</b>
ACR Approved SPECT Phantom: <input type="checkbox"/> Deluxe Flanged <input type="checkbox"/> Deluxe Flangless <input type="checkbox"/> Small SPECT Phantom
Rod Sizes (small to large): _4.8_ _6.4_ _7.9_ _9.5_ _11.1_ _12.7_ mm
Sphere Sizes (small to large): _9.5_ _12.7_ _15.9_ _19.1_ _25.4_ _31.8_ mm
Rod Sizes (small to large): _4.8_ _6.4_ _7.9_ _9.5_ _11.1_ _12.7_ mm
Sphere Sizes (small to large): _6.4_ _9.5_ _12.7_ _15.9_ _19.1_ _25.4_ mm

**SPECT IMAGES**

**QC Information**

<i>Fill in the appropriate fields based on the most recent calibrations</i>	
Center-of-Rotation Date performed: _____ Is the COR performed with the company recommended protocol? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Flood (Uniformity Correction) Date performed: _____ Method: <input type="checkbox"/> Intrinsic <input type="checkbox"/> System Total counts: _____ kcts Nuclide: <input type="checkbox"/> Co-57 <input type="checkbox"/> Tc-99m	
Collimator: _____	

**Acquisition One – Tc-99m**

<b>Fill in the acquisition parameters:</b>	
Activity: _____ mCi	Acquisition Zoom: <input type="checkbox"/> 1 <input type="checkbox"/> other _____
Matrix: <input type="checkbox"/> 128 <input type="checkbox"/> other _____	Time/Projection (view): _____ sec
Radius of Rotation: _____ cm	Counts for First Projection (view): _____
Technique: <input type="checkbox"/> Step/Shoot <input type="checkbox"/> Continuous	Pixel Size (if not available, please enter 0): _____ mm
Number of Views: _____	Window 1/: _____ (peak)/ _____ %
Orbit Shape: <input type="checkbox"/> Circular <input type="checkbox"/> Non-circular	
Acquisition Orbit: <input type="checkbox"/> 180° <input type="checkbox"/> 360°	
<i>Fill in the reconstruction and processing parameters</i>	
Reconstruction Filter: <input type="checkbox"/> Butterworth (filtered backprojection) <input type="checkbox"/> Alternative Reconstruction Filter	
<i>If Butterworth</i> Cutoff: _____ Slope: _____	
<i>If Alternative</i> Name and Type: _____	
Describe parameters: _____	
<input type="checkbox"/> Resolution Enhancement Slice Thickness: _____ cm Display Zoom: _____	
Attenuation Coefficient: _____	