

**Department of Veterans Affairs**  
**VistA Medical Imaging Software Development - SD&D**  
**Image Quality Certification**

Site Name: \_\_\_\_\_

Medical Procedure Involved: \_\_\_\_\_

Device Manufacturer and Model: \_\_\_\_\_

Please report results in the appropriate section (grayscale, color, or scanned images).

**Grayscale Images:**

1. Are the gray levels of the image abstract set correctly so that the image is easily recognized and viewed?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
2. Are the default gray levels of the clinical image set correctly so that the image is easily recognized and viewed?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
3. Does the image have the correct dimensions?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
4. Is the aspect ratio of the image correct?  
(The image is not distorted in the horizontal or vertical dimensions)  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
5. Is the image orientation correct (top/bottom and right/left)?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
6. Are adequate gray levels available so that manipulation of the window / level settings will allow significant features of the image to be viewed, including bone and soft tissue?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_

**Color Images:**

1. Do the colors look correct?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
2. Can significant details be viewed in the image?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
3. Is the aspect ratio correct?  
(The image is not distorted in the horizontal or vertical dimensions)  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
4. Is there blurriness in the image?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
5. Is the image orientation correct (top/bottom and right/left)?  
(The image is not distorted in the horizontal or vertical dimensions)  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_
6. Are there any motion or other artifacts in the image?  
Yes \_\_\_ No \_\_\_ Comment \_\_\_\_\_

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**Scanned Documents:**

1. Is the full image being scanned?  
Yes \_\_\_\_ No \_\_\_\_ Comment \_\_\_\_\_
2. Is the image orientation correct (top/bottom & right/left)?  
Yes \_\_\_\_ No \_\_\_\_ Comment \_\_\_\_\_
3. Is the page being scanned squarely?  
Yes \_\_\_\_ No \_\_\_\_ Comment \_\_\_\_\_
4. When the image is shown in "fit to screen width" mode, can the words be read comfortably?  
Yes \_\_\_\_ No \_\_\_\_ Comment \_\_\_\_\_

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Printed Name

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Signature and Date

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**RESPONSE REQUIRED to this question if this Image Quality Certification  
is for a GEMS Lunar Prodigy Bone Densitometer**

Bone densitometers (e.g., GEMS Lunar Prodigy and all others) must use the DICOM processing parameter setting available with VistA Imaging MAG\*3.0\*5" in order store densitometry data correctly. Processing parameters used in previous versions of VistA Imaging are not appropriate for these devices.

Please initial here \_\_\_\_\_ to indicate that the modality.dic is configured to use the <DICOM> processing parameter for bone densitometry.

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**RESPONSE REQUIRED to this question if this Image Quality Certification  
is for a site that is not using VistARad.**

I realize that the data displayed on the clinical display stations may not be suitable for primary interpretation of some radiological images. I recognize that the present certification of image quality applies to the VistA Imaging Display software only. I agree that this Image Quality Certification must be repeated if, in the future, this site chooses to implement VistARad at this facility.

Please Initial \_\_\_\_\_