University Health™	Policy #: Rad Proc 14. 11
Daily Equipment Quality Control for MR Equipment	**Effective: 10/1/2013** **Revised: 2/2015: 2/2017**
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Purpose: To ensure equipment is operating within the specifications and guidelines set by the manufacturer. This policy will be performed every day the equipment is used for diagnostic imaging.

Policy:

1. The quality control consists of two parts, phantom testing and recording the results. This will be completed every morning by the am technologist
2. Place 17cm sphere within a phantom holder.
3. Place in the Standard Head Coil, center sphere in coil and landmark on the center point of the coil.
3. Press advance to scan on front of Gantry.
4. Go to the Tools Menu.
5. Select Service Browser and new screen will pop up
6. Highlight: Image Quality Button

6a. Click the DAQA tool [listed under the Image Quality screen on left side of screen].

6b. Then click the "Click here to start this tool" button.

7. Daily Automated Quality Assurance will pop up.

7a. Select coil –HEAD

7b. Select plane to be scanned [you must scan all three planes separately]

7c. Select the Start button. This will prompt you to answer two questions initially then only one for the Sagittal and Coronal scans.

8. Record results after each plane is scanned.
9. When completed review the images and bring Text Page up for each plane.

9a. Record the X, Y and Z gradient flux numbers.

10. DO NOT SEND THESE IMAGES TO PACS. Results are also recorded in the permanent memory of Magnet.
11. If the measured number for any of the required technique falls outside of the action range, repeat the test. If it fails again, patients may not be scanned until service has been contacted to identify and correct the problem
12. Action ranges need to be reset following any major service to the equipment