



Alliance Medical Physics LLC

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Alliance Medical Physics Offers Annual Magnetic Resonance Imaging Testing in Accordance with the American College of Radiology Guidelines for Quality Control for ACR Accredited Facilities.

The ACR considers individuals that are certified in diagnostic radiologic physics through the American Board of Radiology to meet the definition and competent to serve as a qualified medical physicist. All the physicists at Alliance Medical Physics are ABR certified in diagnostic radiological physics and currently meet or exceed the ACR continuing education requirements for MRI physics.

The following is a list of the comprehensive services offered for the initial and routine MRI physics performance testing:

- ✓ **Initial technologist quality control training** session to familiarize the technologist with daily and weekly technologist QC tests including the establishment of baseline performance values.
- ✓ **Quarterly and/or semi-annual review of the MRI quality control program.**
- ✓ **ASRT approved continuing education credits** for radiologic technologists in the following areas of MRI quality control and safety.
- ✓ **Annual/semi-annual performance testing on all RF coils** to include signal-to-noise measurements, image intensity uniformity, percent signal ghosting, artifact evaluation, and center frequency measurements.
- ✓ **Annual/semi-annual magnetic resonance imaging performance evaluation**, including measurements for magnetic field homogeneity, slice thickness accuracy, high contrast spatial resolution, low contrast resolution, slice location accuracy, radiofrequency inter-slice interference, and monitor luminance.
- ✓ **Annual/semi-annual review of clinical imaging parameters** to ensure that parameters continue to meet or exceed ACR recommendations.
- ✓ **Assistance with future ACR re-accreditation applications.**

For information on having Alliance Medical Physics provide MRI medical physics services for your facility, please [contact our office](#). We will be happy to provide you with references if necessary. We look forward to serving you in the future.