

The recommendations of the American College of Radiology's Stereotactic Breast Biopsy Quality Control Manual will be discussed with primary emphasis on pointing out in what way the unique design aspects of GE and Siemens breast biopsy digital add-on units affect their QC testing. Operational information needed by medical physicists will be presented. Technique chart and patient dose issues will be covered, including the relationship between screen-film and digital AGD for these add-on units.

Educational Objectives:

1. Review ACR Accreditation recommendations for QC testing of stereotactic breast biopsy units.
2. Become familiar with unique characteristics of GE and Siemens digital add-on units, and how these impact on medical physicist's testing protocol.
3. Become familiar with recognizing proper exposure levels and with setting up technique charts appropriate to each unit.