

The voluntary ACR Stereotactic Breast Biopsy Accreditation Program has established personnel qualifications for the physician, technologist and physicist; and quality control tests at the technologist and physicist level. An overview of these requirements will be given, followed by a detailed discussion of the recommended physicist's quality control tests. Those tests unique to stereotactic units, such as digital collimation assessment, signal to noise uniformity, digital system limiting resolution resolution, artifact evaluation and localization accuracy will be emphasized. Problem resolution in the case of a test that exceeds its action limit will be discussed. Commonly seen problems will be reviewed. Advice on the proper protocol for submission of phantom images and TLD data to the Accreditation Program will be given.

Educational Objectives:

1. Provide the medical physicist with the tools to improve his/her role in stereotactic breast biopsy teams.
2. Familiarize the medical physicist with the requirements of the ACR Stereotactic Breast Biopsy Accreditation Program.