

Digital Stereo Breast Biopsy Systems: Design and Testing

Robert J. Pizzutiello, Jr., M.S.

Approximately 3,000 - 4,000 Digital Stereotactic Breast Biopsy (SBB) systems are installed in medical imaging and surgical centers across the United States. In April, 1996 the American College of Radiology introduced its Stereotactic Breast Biopsy Accreditation Program (ACR-SBBAP). This session will review the design considerations of the SBB equipment. The personnel, image quality, dose, QC and equipment requirements for facilities desiring Stereotactic Breast Biopsy Accreditation, as well as the process to submit the required materials. A status report summarizing the activity and latest changes in the ACR-SBBAP will also be presented. The Medical Physicist's QC testing requirements of the ACR-SBBAP will be reviewed.

Learning Objectives:

1. To state the purpose of the ACR-SBBAP.
2. To clarify the requirements for accreditation.
3. To review the status of ACR-SBBAP.
4. To review the Medical Physicist's QC Tests, per the ACR-SBBAP