Digital mammography is quickly becoming the technology of choice for breast imaging with several FDA-approved systems already available and more on the way. Digital detectors in mammography have different characteristics compared to the traditional screen-film systems and require by the FDA different Quality Control tests. This lecture is going to discuss the practical issues for the medical physicist who wants to learn the differences in these Quality Control tests and how they impact the mammography facility and ACR accreditation. The lecture will be broken into several parts. The first will review currently available FFDM equipment and their respective Quality Control tests. The second part will compare similar QC tests and discuss the key differences. The third part will review quality control for review workstations and laser printers designed for digital mammography.

Educational Objectives:
1. To describe current quality control procedures for FFDM systems.
2. To describe current quality control procedures for review workstations in digital mammography.
3. To describe current quality control procedures for laser printers in digital mammography.
4. To review the impact of QC on ACR accreditation for FFDM systems.