

This presentation will discuss medical physicists role in facilities with Full Field Digital Mammography (FFDM) system(s) under the Mammography Quality Standards Act (MQSA). The final MQSA regulations require that before a medical physicist may provide medical physics services for a new mammographic modality (such as FFDM) independently, the physicist must receive at least 8 hours of training in surveying units of the new mammographic modality. Also facilities using the FFDM system(s) must perform quality control (QC) tests as required by the FFDM manufacturer. The presentation will discuss modality related training requirements and describe in detail the manufacturer required QC and equipment evaluation tests for FFDM system(s). The machine and workstation related test results and required test action limits will be discussed. The presentation will assume that the audience is familiar with general medical physicists qualification and QC requirements for conventional screen-film systems under the final MQSA regulations.