

Quality control (QC) of digital radiographic systems requires qualitative and quantitative assessment to determine readiness for clinical image acquisition. Vendors of computed and direct radiography will demonstrate, in a “hands-on” workshop, methods used for implementing QC testing, including a description of radiographic phantoms, testing procedures, analysis of phantom images, pass/fail criteria, and methods of documentation. Attendees will have an opportunity to see quality control procedures and analysis via direct demonstration on each vendor’s QC workstation, and be able to interact with the vendor representative in small groups during the workshop. A technology review of each digital system including details of system specifications, unique imaging capabilities, and QC will be presented.

Learning objectives:

- Learn about digital radiography equipment quality control procedures
- Understand phantom designs and what the phantoms are testing
- Determine acquisition parameters used for QC testing
- Analyze sample data for “hands-on” QC analysis
- Discuss issues related to exposure index, image artifacts, and QC data tracking