

AbstractID: 6059 Title: Digital Radiography QC Workshop I and II

Computed radiography and digital radiography systems now comprise a large segment of radiography work. It is important that appropriate performance testing and quality control (QC) tools and procedures be made available for these systems. The vendors and/or manufacturers of digital imaging systems may provide—or make available—test tools, software and procedures for performance evaluation and routine quality control testing of their digital systems. Currently, such tools and programs vary significantly from manufacturer to manufacturer.

This two-part workshop will include both formal presentations and hands-on demonstrations. During the first half of the workshop, each participating vendor or manufacturer will present a brief (12-15 minute) overview of tools and procedures for performance testing and QC of their systems. The second half of the workshop is dedicated to hands-on demonstrations at table-top exhibits hosted by each participating vendor. Exhibits will include test tools, workstations and samples of performance testing and QC test procedures.

Companies participating in this workshop will include Agfa, Fuji, General Electric, Kodak, Konica, IDC, LoDox, Philips and potentially others.

Educational Objectives:

- 1) To understand performance test procedures used by various DR/CR systems
- 2) To see types QC test tools and procedures made available with DR/CR systems
- 3) To obtain hands-on demonstration of DR/CR testing and QC procedures