AbstractID: 7271 Title: ACR Accreditation Programs

This symposium will review the requirements a facility must commonly meet to be accredited by the American College of Radiology. All ACR accreditation programs require a facility to submit documentation that the facility meets certain standards for 1.) requirements for personnel initial training and continuing experience, 2.) examination technique, 3.) equipment performance, 4.) quality control, and 5.) submission of clinical and phantom images for peer review by radiologists and medical physicists, respectively. Phantoms for routine quality control and various medical physics equipment evaluation tests are important components of the accreditation programs. An overview of the various accreditation phantoms and suggested medical physics tests for accreditation programs for radiography and fluoroscopy, MRI, ultrasound, and computed tomography will be presented. Specific elements of clinical image quality used in the evaluation process will be discussed. Common causes of failure for the various accreditation programs will also be presented. Finally, presenters will outline a view of the future: new modalities to be evaluated, the "umbrella" accreditation process, opportunities for streamlining the paperwork and the potential for electronic submission.

Objectives of this refresher course are for attendees to become familiar with
1. basic requirements of ACR accreditation programs,
2. various accreditation phantoms,
3. medical physics equipment evaluation tests, and
4. the ACR long range plans for accreditation.