



# Quality Management in the Imaging Sciences, 4e

*By Jeffrey Papp*

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## **Quality Management in the Imaging Sciences, 4e** By Jeffrey Papp

With this single resource, you can access quality management and quality control information for all major imaging modalities! Updated with the latest changes in technology and federal regulations, *Quality Management in the Imaging Sciences* provides a thorough description of Quality Management and explains why it is so important to imaging technology. Step-by-step QM procedures include full-size evaluation forms, with instructions on how to evaluate equipment and document results. This book also helps you prepare effectively for the ARRT advanced certification exam in quality management.

- Coverage of quality management is included for ALL imaging sciences, with chapters devoted to QM for fluoroscopy, CT, MRI, sonography, and mammography.
- Step-by-step QM procedures offer instructions on how to evaluate equipment, and full-sized sample evaluation forms offer practice in documenting results.
- Student-friendly features include learning objectives, chapter outlines, key terms (with definitions in glossary), and review questions at the end of each chapter.
- A special icon identifies current government regulations important to quality management.
- A practice exam on Evolve includes 200 randomizable, practice exam questions for the ARRT advanced certification examination in QM, and includes answers with rationales.
- Student experiments on Evolve let students complete lab assignments and print out answers on computer, and may be modified by instructors to fit their classroom needs.
- Includes new FDA and American College of Radiology (ACR) requirements.
- Adds more material covering digital imaging artifacts.
- Updated mammography guidelines and the latest MQSA and ACR standards.
- Includes updated coverage of multi-slice scanners and electron beam units.
- Adds information on 3D and 4D probes and volume imaging QA.
- Updated PET/CT material.
- Includes overall updates to match the recent guideline changes to the ARRT Advanced Level Exam on Quality Management.

- Includes Evolve online resources such as mock Registry exams, sample documentation forms, lab experiments, and additional analysis and critical thinking questions.

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