

**Content areas with key changes are identified below.**

**Considerations:**

1. This list is not reflective of every revision.
  2. Revisions were decided carefully through extensive workgroup discussion.
  3. Numerical values likely no longer align with the current revised document.
  4. Only section headings are fully consistent with the listed addition, deletion, or revision.
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- **Fundamentals of Imaging Science**
    - New payment methods added to II. The Health Care Continuum, B. Payment and reimbursement systems
  - **Clinical Practice and Patient Management**
    - Added SARS to III. Infection Control, H. Transmission-based precautions
  - **MR Contrast Administration**
    - Section compiled from several content areas, rewritten, and primarily separated from pharmacology.
  - **Ethics and Law in the Imaging Sciences**
    - Added Health Literacy to II. Ethical Consideration in Health Care, C. Health equity
    - Changed G. Information systems to cyber security under III. Legal Issues
  - **Computers in Imaging and Medical Informatics**
    - Section cannibalized and moved to alternative content areas.
  - **MR Safety**
    - Section completely revised.
  - **MR Instrumentation & Imaging**
    - II. Types of magnets, A. Permanent, 2. Ferromagnetic Materials was changed to Alnico
    - II. Types of magnets, H. Magnetic field power requirements – deleted
    - IV. Radiofrequency systems, H. RF coil function – deleted
  - **MR Physical Principles**
    - Section completely revised.
  - **MR Parameters and Options**
    - Section dismantled and then completely revised into separate "MR Imaging Parameters" and "MR Imaging Options" sections.
  - **MR Pulse Sequences, Image Formation, and Image Contrast**
    - Section dismantled and revised. Now called MR Pulse Sequences.
  - **MR Image Contrast**
    - Created using existing Image Contrast content from previous section and revised.
  - **Pathology**
    - Removed neoplastic disorders, malignant, benign, metastases from content areas. General categories now exist for pathology affecting every body part, including abscesses and cysts.
    - Deleted pituitary adenoma and pineal gland tumors due to redundancy. Pineal gland tumors are separated now.
  - **Quality Assurance and Quality Control**
    - II. Components of Quality Assurance Program F. and G. language revised for clarity.
  - **Optional Content**
  - **Cardiac MRI**
    - Section mostly revised.

- II. MR Presentation of Normal Cardiac Anatomy and III. Imaging Techniques rewritten
- **Image Postprocessing and Procedures for Image Postprocessing**
  - Not optional.
  - Post-processing techniques are included in Core Content except for those in Cardiac MRI.
- **Advanced Imaging Techniques and Emerging Trends**
  - Added additional items to section.
- **Artificial Intelligence**
  - New optional section added to curriculum.