

Part I: Patient Care

Chapter 1: Legal and Ethical Principles

Chapter 2: MRI Screening and Safety

Chapter 3: Patient Assessment, Monitoring, and Management

Chapter 4: Interpersonal Communications

Chapter 5: Infection Control

Part II: Imaging Procedures (Anatomy & Physiology, contrast, and patient positioning)

Chapter 6: Head & Neck

Chapter 7: Spine

Chapter 8: Thorax

Chapter 9: Abdomen

Chapter 10: Pelvis

Chapter 11: Musculoskeletal

Part III: Data Acquisition and Processing

Chapter 12: Pulse Sequences

Chapter 13: Data Manipulation

Chapter 14: Special Procedures

Chapter 15: Sequence Parameters and Options (Image Quality, Contrast)

Part IV: Physical Principles of Image Formation

Chapter 16: Instrumentation

Chapter 17: Fundamentals

Chapter 18: Artifacts

Chapter 19: Quality Control