

Table of contents

- **I General Considerations**
- **1 Why Open MRI?**
- **2 Claustrophobic Anxiety and MRI: A Clinician's Perspective**
- **3 Open MRI--A Practical Perspective**
- **4 Magnetic Resonance Imaging: Bioeffects and Safety**
- **5 Sedation in Open MRI**
- **II Physics**
- **6 Open MRI Instrumentation**
- **7 Physics of Open MRI**
- **8 Understanding Fast Scanning: Traversing K Space**
- **9 Fast Spin Echo Imaging**
- **10 Protocol Development Strategy for Open MRI**
- **III Clinical Imaging**
- **11 Open MRI of the Brain**
- **12 Open MRI of the Spine in Outpatient Practice**
- **13 Open MR Imaging of Cranial and Cervical Trauma**
- **14 Open MRI of the Musculoskeletal System**
- **15 Open MRI of the Shoulder**
- **16 Open MRI of the Elbow**
- **17 Open MRI of the Wrist**
- **18 Open MRI of the Hip**
- **19 Open MRI of the Knee**
- **20 Open MRI of the Ankle**
- **21 Body Imaging with Open MRI**
- **IV Future Directions**
- **22 Kinematic MRI of the Joints**
- **23 Interventional MRI**
- **24 MR Angiography of the Head and Neck in Open MRI**
- **25 Advances in Neuroimaging: Clinical Diffusion Imaging in Open MRI**
- **26 Teleradiology in Open MRI**
- **V Appendix**