Imaging plays an integral role in the diagnosis and intervention of debilitating, often fatal vascular diseases of the brain, such as ischemic and hemorrhagic stroke, aneurysms, and arteriovenous malformations. Written by a world-renowned neuroradiologist and pioneer in the early adoption of magnetic resonance technology, *Imaging of Cerebrovascular Disease: A Practical Guide* is a concise yet remarkably thorough textbook that advances the reader's expertise on this subject.

The text draws on the author's vast personal experience, case studies, and traditional educational sources, offering didactic dialogue with accompanying images. A practical clinical resource organized into six chapters, this book offers unparalleled breadth in delineating the diagnostic and treatment usages of modern imaging techniques. The first chapter sets a foundation with coverage of recent technologic innovations for the relevant imaging modalities and their applications. Subsequent chapters cover utilization of imaging techniques specific to the underlying pathologies, including magnetic resonance imaging, computed tomography, and digital subtraction angiography.

**Key Features**

- In-depth discussion of medical and neuroradiologic/neurosurgical interventions, focusing on the use of imaging prior to, during, and following treatment.
- Comprehensive text enhanced with more than 700 high-quality images.
- Detailed evaluation of normal brain anatomy, as well as gyral anatomy in brain ischemia, an important subtopic.
- Advantages, disadvantages, mortality, and morbidity of surgery (clipping) versus endovascular techniques (coiling and flow diversion) for aneurysms.

Presented in a style that facilitates cover-to-cover reading, this is an essential tool for residents and fellows, and provides a robust study guide prior to sitting for relevant certification exams. It is also a quick, invaluable reference for radiologists, neurosurgeons, and neurologists in the midst of a busy clinical day.

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