

### *"Imaging of Cerebrovascular Disease: A Practical Guide"*

As customary of Dr Runge's books, "*Imaging of Cerebrovascular Disease: A Practical Guide*" is an image-rich, information-rich compendium that serves well both a resident starting to cope with complex central nervous system vascular anatomy and pathology and the practicing radiologist in day-to-day clinical work. Special mention should be made of the large number of clinical cases depicted with state-of-the-art high-quality images. The images are zoomed, cropped, and labeled to enhance relevant findings and anatomical structures.

The book is organized into 6 chapters. The first chapter, "Technology Innovations in MR and CT," is a must read, given Dr Runge's

vast knowledge of MR and CT physics. This chapter provides a good summary of recent must-have magnetic resonance imaging and computed tomography technology. It is followed by the chapter "Normal Anatomy", which with the help of illustrative cases and high quality figures explains well the relevant normal vascular anatomy and variants thereof. The chapters that then follow, "Hemorrhage" and "Ischemia," illustrate the most common acute vascular pathologies - focusing in addition on the signal intensity appearance and temporal evolution of hemorrhage and ischemia, imaging and treatment algorithms, and what the radiologist must look for and know to orient the treating team. The last 2 chapters, "Intracranial Aneurysms" and "Vascular Malformations and Other Vascular Lesions," have many high-quality cases showing diagnosis and successful treatment

of aneurysms and vascular malformations using open and endovascular techniques.

The book's format is ideal in preparation for the new image-rich American Board of Radiology examination as well as for use as a quick reference guide in daily clinical practice. I enthusiastically recommend this textbook to all residents, neuroradiology fellows, and general diagnostic radiologists.

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#### **DISCLOSURE**

*The author reports no conflicts of interest.*