

# Imaging in Neurovascular Disease A Case-Based Approach

by Waleed Brinjikji (Author), Timo Krings (Author)



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Unique case-based reference presents high-yield images and expertise focused on vascular neuroradiology

Imaging in Neurovascular Disease: A Case-Based Approach by Waleed Brinjikji and Timo Krings is unique in its approach, detailing diagnostic and interventional neuroradiology cases based on radiologic findings. The book explores the key role vascular imaging can play in treatment decision making, prognostication, and improving the understanding of the pathophysiology of neurovascular diseases.

Spread over 11 chapters, this book covers a full spectrum of neurovascular diseases spanning the age continuum, starting with acute ischemic stroke, concluding with spinal vascular disease. All vascular neuroradiology cases follow a consistent format. After a succinct introduction describing the clinical scenario with relevant case images, the authors present key facts about the disease and the integral role of different neurovascular imaging procedures in disease management. Imaging findings are discussed in depth, with insightful clinical pearls on image-guided procedures and tips on managing potential pitfalls.

## Key Highlights

About 600 high-quality noninvasive images, such as MR angiography/MR imaging, CT angiography/CT perfusion, with angiography where applicable, elucidate a spectrum of findings. Analysis of the imaging appearance of a diverse array of common to rare neurovascular diseases provides diagnostic and treatment insights. Each case concludes with the most important points clinicians need to know, high-yield facts about a specific cerebrovascular disease, and suggested readings for further exploration. This unique case-based book is essential reading for radiology, neurology and neurosurgery residents. It will greatly benefit neurovascular disease specialists including radiologists,

neurosurgeons and neurologists as well as interested in furthering their knowledge on the use of neuroimaging to guide neurointerventional and neurosurgical procedures to treat cerebrovascular disease.

This book includes complimentary access to a digital copy on <https://medone.thieme.com>.

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