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Titolo	12 strokes : a case-based guide to acute ischemic stroke management // Ferdinand K. Hui [and four others]
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Descrizione fisica	1 online resource (XVII, 337 p. 115 illus., 60 illus. in color.)
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Lingua di pubblicazione	Inglese
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Note generali	Includes index.
Nota di contenuto	Evidence on Mechanical Thrombectomy in Acute Ischemic Stroke -- In Vitro Clot Modeling and Clinical Applications -- Approaches to Mechanical Thrombectomy in Children with Arterial Ischemic Stroke -- ELVO in Urban Areas: Evolution of Stroke Systems of Care -- Surviving Large Vessel Occlusions in Uruguay: Current Challenges and Solutions -- Direct to Angiography—An Emerging Paradigm in Large Vessel Occlusion Stroke: Rationale, Feasibility, and Preliminary Results -- Thrombectomy Techniques: Stent Retriever - Balloon Guide -- Direct Aspiration thrombectomy for acute stroke: Evolution of technique and evidence -- The Stentriever-Mediated Aspiration Thrombectomy (SMAT) Technique -- Transradial Approach for Stroke -- Thrombectomy Techniques: Remote Aspiration -- Endovascular Therapy for Middle Cerebral Artery Occlusions -- Thrombectomy for Basilar Occlusion: Approach and Strategy -- Carotid Terminus Occlusion -- Thrombectomy for Acute Occlusion in Intermediate-Sized Distal Arteries -- The Tandem Occlusion -- Acute Stroke Thrombectomy and Emergent Management of Tandem Cervical Dissections -- Acute Stroke Following Carotid Endarterectomy: Approach and Strategy -- Large vessel occlusion with underlying atherosclerosis: approach and strategy -- Large Vessel Occlusion with Low NIHSS: Approach and Strategy -- Challenges in Thrombectomy: Mega Clots -- Challenges in thrombectomy: Access Problems, Hard Clots, Relapsing Occlusions and Embolization to New Territories --

## Challenges in Thrombectomy: Impossible Aortic Arches and Tortuous Vessels.

### Sommario/riassunto

This comprehensive, case-based resource provides the state-of-the-art knowledge that can help readers improve access and optimize delivery of stroke thrombectomy. Improving access to stroke is of particular importance because patients often misinterpret their symptoms or cannot speak for themselves if they have aphasia. More importantly, access needs to be organized because stroke therapies are all extremely time-sensitive. Scalable, choreographed protocols are necessary for emergency medical systems to 'capture' stroke patients and automatically transport and triage to time-sensitive treatments. Many of the chapters in the first section on Fundamentals and Systems provide valuable insight in improving access to stroke care. Replete with illustrative case studies and emphasizing that treatment approaches to stroke should not be comprised of a one-size-fits-all approach, this illuminating title provides the complete thought, detail, insight and organization that will help readers meet the needs of stroke patients with large vessel occlusions. 12 Strokes: A Case-based Guide to Acute Ischemic Stroke Management examines the primary technical principles that underlie the current thrombectomy approaches. Instead of continuing the conceptual dichotomy of stent vs. aspiration, many of the chapters look at underlying principles and then discuss ways in which the currently available devices and approaches can best exploit them. The variety, creativity and detail in many of these chapters will help the reader develop a deeper understanding that might assist their ability to successfully take care of their next patient that 'doesn't follow the textbook.' In addition, the anatomic and pathophysiologic classification of the core Twelve Chapters will help readers organize their thinking and approach. This knowledge, particularly because it is organized based on common, challenging syndromes, will arm the reader to quickly recognize patterns and deftly adapt their management approaches to the needs of the patient. An invaluable contribution to the clinical literature, 12 Strokes: A Case-based Guide to Acute Ischemic Stroke Management will be of great interest to not only neurosurgeons and neurologists but other specialists, primary care providers, and trainees as well. .