1. Record Nr. UNINA9910823314303321 Autore Adeeb Nimer **Titolo** Endovascular Management of Ischemic Stroke: A Case-Based Approach // by: Pereira, Vitor Mendes, Dmytriw, Adam A., Slater, Lee-Anne, Power, Sarah, Krings, Timo NEW YORK:,: Thieme Medical Publishers, Incorporated,, 2021 Pubbl/distr/stampa ©2021 **ISBN** 1-62623-276-8 1-68420-306-6 Edizione [1. Edition.] Descrizione fisica 1 online resource (340 pages) Disciplina 616.8/1 Soggetti Radiology (incl. Interventional Radiology) Neurosurgery Vascular Surgery Case Reports Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Endovascular Management of Ischemic Stroke: A Case-Based Approach -- Title Page -- Copyright -- Dedication -- Contents -- Foreword --Preface -- Acknowledgments -- Contributors -- I Evolution of Endovascular Management -- 1 Intra-arterial Tissue Plasminogen Activator: The First Step -- 2 Transcatheter MERCI Clot Retrieval: The Early Generation -- 3 Penumbra Clot Aspiration Technique: The Dark Days -- 4 Trevo Stent-Retriever Thrombectomy: Light on the Horizon -- 5 Solitaire Stent-Retriever Thrombectomy: Building the Evidence --II Case Selection -- 6 Timing in Stroke and the Tissue Clock -- 7 Role of Leptomeningeal Collaterals -- 8 Importance of Clot Burden and Clot Location -- 9 ASPECTS: When Not to Treat -- 10 Microbleeds Are Not a Contraindication to Thrombolysis in Acute Stroke -- 11 Stroke Etiologies: Hemodynamic, Embolic, and Perforator Stroke -- 12 Endovascular Therapy in a Patient with a Proximal MCA Occlusion and No Neurological Deficits -- 13 MRI in Stroke (Core Size, Mismatch, and New Advances) -- III Fundamentals and Standard Approaches -- 14

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Sommario/riassunto

A case-based guide to the interventional management of stroke from leading international experts! Stroke is the most prevalent cerebrovascular emergency, impacting an estimated 15 million people worldwide every year. Endovascular treatment (EVT) of ischemic stroke has expanded at an unforeseen pace, with EVT the most common neurointerventional procedure performed at most large centers. Endovascular Management of Ischemic Stroke: A Case-Based Approach by renowned stroke pioneer Vitor Mendes Pereira and distinguished coeditors features contributions from a "who's who" of global experts. This practical resource provides straightforward guidance for clinicians who need to learn and master state-of-the-art endovascular interventions reflecting the new, evidenced-based treatment paradigm for acute stroke. This carefully crafted reference takes readers on a journey from the early building blocks that led to modern stroke interventions to meticulous step-by-step descriptions of the latest approaches. Fifty high-yield cases mirror real-life scenarios trainees and professionals are likely to encounter in clinical practice. Seven sections encompass a full spectrum of diverse patient presentations. anatomical variations, advanced techniques, complex pathologies, complications, and stroke mimics. Key Highlights Discussion of emerging techniques likely to stand the test of time such as SAVE, ARTS, transradial access, and transcarotid access Stroke mimics important for differential diagnoses, including hemiplegic migraine. MELAS, RCVS, seizure, and more An appendix that covers fundamental terms, trials, and tools This cutting-edge resource is essential reading for trainee and early-career interventionalists, as well as seasoned practitioners in interventional radiology, neuroradiology, endovascular neurosurgery, and interventional neurology.