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9. Efficacy of high-resolution cone beam CT for the endovascular treatment of dural arteriovenous fistulas -- Bypass and Moyamoya -- 10. Cerebral ischemic complications of surgical treatment in patients with Moya Moya Disease. 11. Long-term outcome of MoyaMoya disease -- 12. Efficacy and safety of combined revascularization surgery for Moyamoya disease: Standard procedure and peri-operative management -- 13. Comparison of Exoscopic and Microscopic Superficial Temporal Artery to Middle Cerebral Artery Bypass Neuroimaging -- 14. New classification of the degree of cerebrovascular insufficiency in patients with Moya-Moya disease measured by ASL MRI Perfusion -- 15. ADC Threshold Indicating the Ischemic Region for Predicting Efficacy in Thrombectomy -- 16. Novel hemodynamic parameters for cerebral ischemia in patients with occlusive cerebrovascular disease using dual ASL perfusion imaging -- Cavernoma & others -- 17. Epidemiology and aetiology of cerebral cavernous malformations -- Innovations -- 18. Experiences and practical implications using a hybrid operating room -- 19. Artificial Intelligence and Augmented Reality in Vascular Neurosurgery -- 20. Educational impact of an annotation system integrated with an exoscope for cerebral aneurysm surgery: case description -- Editorials -- 21. Microneurosurgical training n simulators: the Zurich microsurgery lab experience.

Sommario/riassunto

This Open Access book serves as the official proceedings of the 10th European-Japanese Cerebrovascular Congress, held in Kyoto in 2022. During this landmark event, leading experts from both Europe and Japan engaged in in-depth, productive discussions on the latest advancements in the treatment of cerebrovascular diseases. As a result, this volume offers invaluable insights into cutting-edge research, clinical practices, and innovative therapeutic strategies, making it an essential resource for physicians, researchers, and scientists working in the field of cerebrovascular diseases. The book is available as open access, ensuring that this important knowledge is freely accessible to a global audience of healthcare professionals and scholars.
