

Contents

1	Tailored Skull Base Approach to Management of Intracranial Aneurysms	1
	Imad N. Kanaan	
2	Microsurgical Treatment of Deep and Eloquent AVMs	17
	Phillip Cem Cezayirli, Hatice Türe, and Uğur Türe	
3	Posterior Circulation Aneurysms	55
	Demi Dawkins, Sima Sayyahmelli, and Mustafa K. Baskaya	
4	Ischemic Stroke Revascularization	79
	Naoki Otani and Atsuo Yoshino	
5	Hemorrhagic Stroke: Endoscopic Aspiration	97
	Alberto Feletti and Alessandro Fiorindi	
6	Functional Outcomes of Microsurgical Resection for Cavernous Malformations of the Brainstem	121
	Ken-ichiro Kikuta, Makoto Isozaki, Yoshifumi Higashino, Toshiaki Kodera, Hidetaka Arishima, Ken Matsuda, Takahiro Yamauchi, Shinsuke Yamada, Ayumi Akazawa, Masamune Kidoguchi, Hideto Umeda, Yu Tsukinowa, and Ryota Hagiwara	
7	Giant Aneurysm Management	133
	Jianping Song and Ying Mao	
8	Contralateral Clipping of Multiple Intracranial Aneurysms	161
	Manas Panigrahi, Chirag Patel, Pratik Koradia, and Y. B. V. K. Chandrasekhar	
9	Moyamoya Disease-Standards and Advances in Revascularization Procedure and Peri-operative Management	175
	Miki Fujimura	

10 Carotid Endarterectomy	187
Takayuki Hara and Yurie Rai	
11 Carotid Angioplasty and Stenting for Occlusive Diseases	209
Shigeru Miyachi	
12 Complex Intracranial Aneurysms	225
Shuntaro Togashi and Hiroaki Shimizu	
13 Endovascular Treatment for Anterior Communicating Artery Aneurysms	239
Masataka Takeuchi, Atsushi Uyama, Takashi Matsumoto, and Kazuma Tsuto	
14 Management of Dural Arteriovenous Fistulas	251
Naoya Kuwayama	
15 Keyhole Approach in Cerebral Aneurysm Surgeries	265
Kentaro Mori and Sadayoshi Watanabe	
16 Repeated Aneurysm Intervention	277
Vladimír Beneš, Anna Štekláčová, and Ondřej Bradáč	
17 Management of Wide-Necked Basilar tip Aneurysms	297
Yuichiro Kikkawa and Hiroki Kurita	
Author Index	309
Subject Index	325