

1. Record Nr.	UNINA9910821570803321
Autore	Abbritti Rosaria
Titolo	Vascular challenges in skull base surgery // Paul A. Gardner, Carl H. Snyderman, Brian T. Jankowitz
Pubbl/distr/stampa	NEW YORK : , : Thieme Medical Publishers, Incorporated, , 2021 ©2021
ISBN	1-68420-069-5 1-63853-646-5
Edizione	[1. Edition.]
Descrizione fisica	1 online resource (244 pages)
Altri autori (Persone)	SnydermanCarl H JankowitzBrian T
Disciplina	617.5/14
Soggetti	Skull Base - surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Vascular injury is the most significant source of morbidity or mortality during skull base surgery, regardless of the surgical approach. While skull base approaches always placed arteries and veins at risk, newer endoscopic endonasal approaches have introduced new challenges for the prevention and management of vascular injury. Greater anatomic knowledge, additional surgical options, improved instrumentation, advances in interventional neuroradiology, and enhanced training all contribute to successful outcomes. Vascular Challenges in Skull Base Surgery by renowned skull base experts Paul Gardner, Carl Snyderman, Brian Jankowitz, and distinguished contributors, fills a gap in the literature, with invaluable guidance on managing rare but potentially catastrophic surgical complications. The full range of surgical approaches to the anterior, middle, and posterior cranial fossae are covered in 22 chapters. Diverse topics encompass open and endoscopic endonasal surgical approaches, endovascular techniques including balloon test occlusion and embolization, and standard and alternative bypass procedures. The last three chapters discuss venous considerations, neurophysiologic monitoring, and the role of training and simulation in vascular injury prevention. Key learning points,

illustrated discussion of relevant anatomy, and tips and tricks are targeted at helping skull base surgeons leverage practical strategies to improve patient outcomes.
