1. Record Nr. UNINA9910743395803321

Autore	Uchino Akira
Titolo	Atlas of the Supraaortic Craniocervical Arterial Variations : MR and CT Angiography / / by Akira Uchino
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-6803-5 981-16-6802-7
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (171 pages)
Collana	Medicine Series
Disciplina	611.13
Soggetti	Nervous system - Radiography Neuroradiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 Branching variations from the aortic arch and aortic arch anomaly -- Chapter 2 Variations of the common carotid artery (CCA) and carotid bifurcation -- Chapter 3 Variations of the internal carotid artery (ICA) -- Chapter 4 External carotid artery (ECA) branches arising from the internal carotid artery (ICA) -- Chapter 5 Carotid-vertebrobasilar anastomoses -- Chapter 6 Variations of the origin of the ophthalmic artery (OphA) -- Chapter 7 Variations of the posterior communicating artery (PCoA), proximal posterior cerebral artery (PCA) and anterior choroidal artery (AChA) -- Chapter 8 Variations of the proximal middle cerebral artery (MCA) -- Chapter 9 Variations of the proximal anterior cerebral artery (ACA) including anterior communicating artery (ACoA) -- Chapter 10 Variations of the vertebral artery (VA) and vertebrobasilar junction (VBJ) -- Chapter 11 Variations of the basilar artery (BA) -- Chapter 12 Variations of the cerebellar arteries. .
Sommario/riassunto	This book presents numerous figures of various variations of the supraaortic arteries detected by MR and CT angiography. Improved both MR and CT angiographic image quality permits incidental detection of even small anomalous arterial branches. Although the cerebral arterial variations may have limited clinical significance, their correct diagnosis during MR and CT angiographic image interpretation is important to interventional neuroradiologists as well as both

neurosurgeons and otorhinolaryngologists, who must be familiar with arterial variations to prevent complications during surgery. Readers can easily identify arterial variations and make correct diagnosis during image interpretation using this textbook.