1. Record Nr. UNINA9910337508603321 Autore Miclaus Gratian Dragoslav Titolo Atlas of CT Angiography: Normal and Pathologic Findings / / by Gratian Dragoslav Miclaus, Horia Ples Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2019 **ISBN** 3-030-16095-5 Edizione [2nd ed. 2019.] 1 online resource (XVI, 455 p. 559 illus., 397 illus. in color.) Descrizione fisica 616.0757 Disciplina 616.1307572 Soggetti Radiology Neurology Cardiology **Angiology** Imaging / Radiology Neurology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Chapter 1: Cerebral Angiography -- Chapter 2: Cerebral Arteriovenous Nota di contenuto Malformation -- Chapter 3: Carotid Angiography -- Chapter 4: Thoracic Angiography -- Chapter 5: Coronary Angiography -- Chapter 6: Abdominal Angiography -- Chapter 7: Peripheral Angiography --Chapter 8: Congenital Cardiac Malformations in Children -- Chapter 9: CT Phlebology. The second edition of this atlas presents a wealth of normal and Sommario/riassunto pathologic findings observed on CT angiography with 3D reconstruction in diverse clinical applications, including the imaging of cerebral, carotid, thoracic, coronary, abdominal, and peripheral vessels. The superb illustrations display the excellent anatomic detail obtained with CT angiography and depict the precise location of affected structures and lesion severity. Careful comparisons between normal imaging features and pathologic appearances will assist the reader in

image interpretation and treatment planning, and the described cases include some very rare pathologies. In addition, the technical principles

of the modality are clearly explained and guidance provided on imaging protocols. This edition is the outcome of 18 years of work by a renowned radiological team whose research focuses specifically on vascular pathology of the whole body and the role of CT angiography in its assessment. Numerous new images are presented and three additional chapters address cerebral arteriovenous malformations, congenital cardiac malformations in children and CT venography. The atlas will be invaluable for radiologists, neurologists, neurosurgeons, cardiologists, cardiovascular surgeons, and medical students.