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Titolo	Cardiovascular Calcification // edited by Michael Henein
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-81515-3
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (294 pages)
Collana	Medicine Series
Disciplina	616.12
Soggetti	Cardiology Surgery Radiology Cor Artères Calcificació Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Plaque collagen synthesis and calcification: Working together to protect against instability and rupture -- Cardiovascular Calcification and Carotid Intima-media Thickness in atherosclerosis -- Heart valve calcification -- Valve Calcification (Aortic and Mitral) -- Calcification and Aortic Syndromes -- Prognostic Value of Coronary Artery Calcium -- Value of coronary calcium-screening for risk assessment in the general population -- Calcification and Coronary Interventions -- Coronary microcalcification -- Imaging Peripheral Arterial Calcifications -- Management of peripheral arterial calcification -- Arterial Calcification and Cerebral Disease: Stroke and Dementia -- Cardiovascular Calcification in Systemic Diseases.
Sommario/riassunto	The book systematically describes the clinical and scientific aspects of cardiovascular calcification. Chapters detail the mechanisms associated with arterial and valve calcification, relevant risk factors, pathophysiology and the latest therapeutic techniques. Recent diagnostic technological developments including how computed tomography (CT) scanning can be utilized along with Agatston score to

quantify coronary arterial calcification when investigating whether a patient for sub-clinical atherosclerosis are covered. The correlation with the presence of arterial calcification and extent of coronary stenosis is also explored. Cardiovascular Calcification details relevant aspects of the basic science and reviews the latest pathological and therapeutic techniques used in treating patients with cardiovascular calcification. It is therefore an essential resource for practicing cardiologists, cardiac surgeons, vascular specialists and radiologists.
