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| Titolo | 3D Imaging Technologies in Atherosclerosis [[electronic resource] /] / edited by Rikin Trivedi, Luca Saba, Jasjit S. Suri |
| Pubbl/distr/stampa | New York, NY : , : Springer US : , : Imprint : Springer, , 2015 |
| ISBN | 1-4899-7618-3 |
| Edizione | [1st ed. 2015.] |
| Descrizione fisica | 1 online resource (245 p.) |
| Disciplina | 610 |
| Soggetti | Human physiology Biomedical engineering Radiology Cardiology Neuroradiology Human Physiology Biomedical Engineering and Bioengineering Diagnostic Radiology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters. |
| Nota di contenuto | Pathophysiology and Clinical ManifestationCTA Findings; CTA Report; Coronary Artery Dilatation: Ectasia, Aneurisms; Definitions, Aetiology, Pathophysiology, Classification and ClinicalManifestations; CTA Findings; CTA Report; Coronary Artery Dissection; Definition, Aetiology, Pathologic Findings and Clinical Features; CTA Findings and Reports; Coronary Artery Fistulas; Definition, Aetiology, Pathologic Findings and Clinical Features; CTA Findings and Report; Coronary Stent; Stents, Complications and Clinical Manifestation; CTA Findings; CTA Report; Coronary Artery Bypass Graft Maximum Intensity Projection |
| Sommario/riassunto | This book covers the latest developments in imaging of atherosclerosis. Topics covered include multi-detector-row technology and the use of dual energy and multi-spectral imaging. Magnetic Resonance (MR) imaging of carotid arteries, intra-cranial vessels, and coronary arteries are also discussed in detail. Special attention is given to Computer |

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Tomography (CT) imaging of intra-cranial vessels, coronary arteries, and atherosclerosis in the lower limb. This is an ideal book for graduate students and researchers in the field of medical imaging, especially of atherosclerosis. This book also: .Covers state-of-the-art imaging of atherosclerosis .Enables the reader to understand the advantages of each modality in visualizing atherosclerosis .Describes the advances of various technologies, including dual energy and multi-spectral imaging.