1. Record Nr. UNINA9910254544803321

Titolo	Protocols for Cardiac MR and CT : A Guide to Study Planning and Image Interpretation / / edited by Guillem Pons-Lladó
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-30831-9
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (VII, 167 p. 167 illus., 83 illus. in color.)
Disciplina	616.120754
Soggetti	Cardiac imaging Cardiology Angiology Oncology Cardiac Imaging Oncology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1 MR sequences for cardiovascular applications and planning of studies -- 2 Study protocol for Ischemic Heart Disease -- 3 Study protocol for Cardiomyopathies -- 4 Study protocol for Pericardial Diseases -- 5 Study protocol for Cardiac Masses and Tumors -- 6 Study protocol for Great Vessels -- 7 Study protocol for Valvular Heart Disease -- 8 Study protocol for Congenital Heart Disease -- 9 Protocols for the practice of cardiac studies by Computed Tomography -- 10 Post-processing and analysis of Cardiac CT studies.
Sommario/riassunto	This practically oriented book opens by describing the basic Cardiac MR (CMR) sequences and Cardiac CT (CCT) acquisition techniques, offering step-by-step guidelines on acquiring CMR and CCT studies and analyzing images. The main body of the book provides a comprehensive description of the study protocols most suitable for particular diseases and discusses their respective rationales. In addition, it highlights key findings for every pathological condition, complemented by extensive illustrations. The book especially addresses the needs of junior cardiologists and radiologists embarking

on the regular use of MR-based and CT-based cardiac imaging, though it also offers a valuable reference manual for senior specialists. Of particular benefit is the inclusion of both CMR and CCT, techniques which are usually treated separately, despite the regular use of both at advanced Cardiac Imaging Units.