Record Nr.	UNINA9910139361603321
Titolo	Principles and practice Cardiac magnetic resonance in congenital heart disease [[electronic resource] ] : form, function, and flow / / edited by Mark Fogel
Pubbl/distr/stampa	Chichester, West Sussex, UK ; ; Hoboken, NJ, : Blackwell Pub., 2010
ISBN	1-282-55058-6 9786612550584 1-4443-1703-2 1-4443-1704-0
Descrizione fisica	1 online resource (480 p.)
Altri autori (Persone)	FogelMark A
Disciplina	616.1/20437548 616.1207548
Soggetti	Congenital heart disease - Magnetic resonance imaging Congenital heart disease in children - Magnetic resonance imaging Congenital heart disease - Diagnosis Electronic books.
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 and index.
Nota di contenuto	Principles and Practice of Cardiac Magnetic Resonance in Congenital Heart Disease Form, Function, and Flow; ffirs.pdf; Contents; ftoc.pdf; List of Contributors; fbetw01.pdf; Acknowledgement; fbetw02(web). pdf; Foreword; fbetw03.pdf; Preface; fpref.pdf; PART I: The basics of cardiac MR; CHAPTER 1: Physics of cardiac MR and image formation; CHAPTER 2: Technical aspects of pediatric cardiac MR; CHAPTER 3: Assessment of morphology; CHAPTER 4: Assessment of ventricular function and blood flow; CHAPTER 5: Contrast cardiac MR - anatomy, physiology, viability and perfusion PART II: Cardiac MR of congenital and acquired pediatric heart diseaseCHAPTER 6: The normal cardiac magnetic resonance examination - ruling out congenital heart disease; CHAPTER 7: Abnormalities of the atria and systemic veins; CHAPTER 8:

1.

	Tetralogy of Fallot: morphology and function; CHAPTER 11: Aortic arch anomalies; CHAPTER 12: MR assessment of pulmonary circulation; CHAPTER 13: Valvular heart disease; CHAPTER 14: Imaging coronary arteries in children CHAPTER 15: Other complex congenital heart disease - heterotaxy, complex spatial relationships, conjoined twins and ectopia cordisPART III: Special topics in cardiac MR of pediatric and congenital heart disease; CHAPTER 16: Cardiac magnetic resonance of single ventricles; CHAPTER 17: Baffles and conduits; CHAPTER 18: Cardiac tumors; CHAPTER 19: Considerations in the post-operative patient; CHAPTER 20: Interventional magnetic resonance imaging; CHAPTER 21: Adult congenital heart disease CHAPTER 22: Cardiovascular computed tomographic angiography: complementary role to magnetic resonance imagingCHAPTER 23: Radiation in cardiac imaging in congenital heart disease; CHAPTER 24: Pediatric cardiovascular MRI in the outpatient private practice setting; CHAPTER 25: The role of the technologist in performing a cardiac MRI (CMR) exam; Index
Sommario/riassunto	Reviewing specific diseases in terms of the cardiac MR approach and procedures, this essential reference focuses fully on cardiac MR as it relates to congenital heart disease. Equipped with an atlas of images and their interpretation, this book will prove indispensable to any cardiac imaging lab.