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Titolo	Fetal Cardiology : A Practical Approach to Diagnosis and Management / / edited by John Simpson, Vita Zidere, Owen I. Miller
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ISBN	3-319-77461-1
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (329 pages)
Disciplina	618.326107543
Soggetti	Cardiology Heart - Imaging Maternal and child health services Heart - Surgery Cardiac Imaging Maternal and Child Health Cardiac Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Organization of screening for congenital heart disease -- Screening views of the fetal heart -- Extended views of the fetal heart -- Use of Doppler techniques in fetal echocardiography -- Assessment of fetal cardiac function -- First trimester fetal echocardiography -- Abnormalities of the four chamber view -- Abnormalities of the great arteries -- Abnormalities of the aortic arch -- Abnormalities of the systemic and pulmonary veins -- Fetal arrhythmias -- Role of fetal cardiac magnetic resonance imaging -- Counselling following a prenatal diagnosis of congenital heart disease -- Fetal abnormalities associated with congenital heart defects -- Genetics of Congenital Heart Disease -- Impact of prenatal diagnosis of congenital heart disease on outcome -- Obstetric management of the fetus with congenital heart disease -- Cardiac management of the fetus with congenital heart disease.
Sommario/riassunto	This practical book describes a systematic approach to the ultrasound examination of the fetal heart based on accepted screening

recommendations. The written content is enhanced by images and videos of both normal and abnormal sonographic findings. Fetal Cardiology: A Practical Approach to Diagnosis and Management goes further than simply describing core screening views. It includes extended views of the fetal heart, the use of Doppler techniques and assessment of fetal cardiac function. "Variants" which can be encountered in practice are described as well as the features of the major groups of cardiac abnormalities and fetal arrhythmias. Because the authors include experienced fetal and paediatric cardiologists, the focus is not only on diagnostic features but also the approach to postnatal care and prognosis. This content is enhanced by inclusion of chapters relating to associated fetal abnormalities, the genetics of congenital heart disease and new imaging modalities such as MRI of the fetal heart. The book equips all those using ultrasound to image the fetus with a clear concise reference to meet the challenge of new guidelines and to expand their knowledge of complementary echocardiographic techniques and management. It details why prenatal recognition of congenital heart disease is being prioritised to allow for parental choice, recognition of associated abnormalities and improvement of postnatal outcome. As such, this book will be important for all professionals, whether they be a cardiologist, fetal medicine specialist, sonographer or midwife.
