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Fetal echocardiography a practical guide pdf

This simple and easy-to-use guide to fetal echocardiography will help doctors and sonographers get a full assessment of the normal and abnormal heart of the fetus. The book is written in a user-friendly style and fully illustrated with ultrasound images accompanied by schematic drawings. This edition presents a holistic approach to the study of the heart of the fetus and covers all major cardiac malformations. Chapters include doppler color in fetal echocardiography, three-dimensional ultrasound in fetal echocardiography, first and beginning of the second trimester of the fetal heart, and an updated genetics section. Details Platform: Ovid Publisher: Lippincott Williams & Wilkins (LWW) Product type: Author/book editor: Alfred Z. Abuhamad MD; Rabih Chaoui MD ISBN: 978-1-45-117605-6 Specialty: Obstetrics and Gynecology Radiology Language: English Edition: 3rd ed. Pages: 608 Illustrations: 435 Year: 2015 Doody's Star Rating®: Result: 94 Fetal Echocardiography is a comprehensive, richly illustrated guide to scanning the fetal heart for anyone involved in obstetric ultrasound. Author of a leading pediatric cardiologist with over 30 years of experience, it combines all the information needed by cardiologists, obstetricians, sonographers or maternal-foetal medicine clinicians to obtain clear, high-quality echocardiograms and interpret them. The initial chapters provide the basic principles of echocardiography and how to obtain standard views, giving numerous illustrations of each standard view and possible deviations from normal. The following chapters present a complete image of almost all the malformations recognized in the life of the fetus. An overview of the likely outcome of any malformation, supported by personal data involving almost 4,000 abnormal germ hearts, is provided. Additional heads cover fetal arrhythmias and early scans of the fetal heart. Highly illustrated and full of practical guidelines, Fetal Echocardiography is an invaluable resource for all practitioners involved in obstetrics. Displays all standard views of the heart and possible variants than normal: gives a quick reference to possible diagnoses when a specific difference from normal is seen on a scan Gives images of almost all the unusual findings, which practitioner you will ever see: this can be used to compare with a patient scan to achieve a diagnosis Used author extensive experience of clinical path to show normal images and all known anomalies: this is the most valuable help for diagnosis Outlines the prognosis for each defect: gives the clinic an indication of the severity of an anomaly and its impact on the fetus Read more Numerous illustrations, figures, and photos are easy to understand and the concepts are clearly described. Images of anatomy specimens are very useful in accordance with the relationship and understanding of the corresponding echocardiography findings. The book illustrates examples of anomalies and everyday cases, as well as rare pathology. Pathology and the traps of early fetal echocardiography, counseling and outcome of individual cardiac malformations, all help to understand the basic concepts in relation to the making of the clinical decision. Individual chapters detail standard views and how they manifest anomalies, and the last chapter on the result examines the consequences of a defect.... This excellent book helps beginners improve their understanding and experienced practitioners to improve their knowledge. This will be a valuable resource for neonatal and general pediatricians, pediatric cardiologists, neonatal/pediatric echocardiographers, and physicians in training specializing in neonatal or pediatric cardiology. --Doody customer review customer reviews be the first to review Log in to review Date published: July 2009 format: Hardback isbn: 978052169520600: 272 pages sizes: 253 x 194 x 21mm weight: 0.92kg contains: 300 b/w illusions. Receiving cardiac examinations 2. Four-chamber view 3. Great view of artery and arch 4. Additional heart views 5. The use of color and pulsating doppler, M-mode, 2D measurement and rendering of fetal echocardiography 6. Early echocardiography of the fetus 7. Evaluation and management of fetal cardiac arrhythmias 8. Counseling, prognosis and baseline references. Look at Inside Lindsey D. Alan, King's College Hospital, London Lindsey D. Allan is professor of Fetal Cardiology at the Harris Birth Center at the Pregnancy Center, King's College Hospital, London, United Kingdom. Andrew C. Cook, Institute of Child Health, University College London Andrew C. Cook is senior lecturer in the Cardiology Department, Institute of Child Health, University College London, London, UNITED Kingdom. Ian C. Huggon, King's College Hospital, London Late Ian C. Heggon is a consultant at Fetal Cardiology at King's College Hospital, London, UK. BMA Medical Book Awards 2016?: BMA Medical Book of the Year 2016? and obstetrics and gynecology - First prize in the British Medical Association praises a practical guide to fetal echocardiography: normal and unusual hearts. 3rd edition with these prestigious awards. Richly illustrated and easy to use, this comprehensive guide covers every aspect of fetal heart research and all major cardiac malformations. World-renowned experts in the field, Dr. Abuhamad and Chaoui, meticulously update and expand this third edition, while maintaining their systematic and methodical approach. The new chapters, 25% new images and a practical, concise format make this reference indispensable for both doctors and sonographers in detecting congenital heart disease. Carefully illustrated ultrasound images in color are accompanied by clear, colorful schemes that depict heart abnormalities. Numerous tables outline general and differentiating characteristics of various cardiac malformations. Violations are discussed with regard to ultrasound findings, with key points summarised at the end of the each chapter. The first half of the text covers and includes new chapters on risk factors for heart defects, national and international guidelines for fetal screening and fetal echocardiography, optimisation of cardiac check, cardiac embryology, three vessel-trachea, and venous system. The second half of the text includes detailed discussions of fetal cardiac malformations, each presented in a practical, methodical format that includes the definition, spectrum of disease and frequency, the use of gray scale, doppler color, 3D and early gestational ultrasound in diagnostics, followed by differential diagnosis, prognosis and result. 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(ISBN: 978-0781797573) © 1996-2014, Amazon.com, Inc. or its affiliates BMA Medical Books Awards 2016?: BMA Medical Book of the Year 2016? and obstetrics and gynecology - First prize in the British Medical Association praises a practical guide to fetal echocardiography: normal and unusual hearts. 3rd edition with these prestigious awards. Richly illustrated and easy to use, this comprehensive guide covers every aspect of fetal heart research and all major cardiac malformations. World-renowned experts in the field, Dr. Abuhamad and Chaoui, meticulously update and expand this third edition, while maintaining their systematic and methodical approach. The new chapters, 25% new images and a practical, concise format make this reference indispensable for both doctors and sonographers in detecting congenital heart disease. Carefully illustrated ultrasound images in color are accompanied by clear, colorful schemes that depict heart abnormalities. 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Abuhamad MD Professor and Chairman, Department of Obstetrics and Gynecology and Director of Maternal-Fetal Medicine, East Virginia Medical School, Norfolk, VA Rabih Chaoui MD Professor of Obstetrics and Gynecology, Prenatal Diagnostics and Human Genetics Center, Berlin, Germany Features Fully illustrated ultrasound images in color are accompanied by clear, colorful schematic drawings that depict cardiac abnormalities. Numerous tables outline general and differentiating characteristics of various cardiac malformations. Malformations.