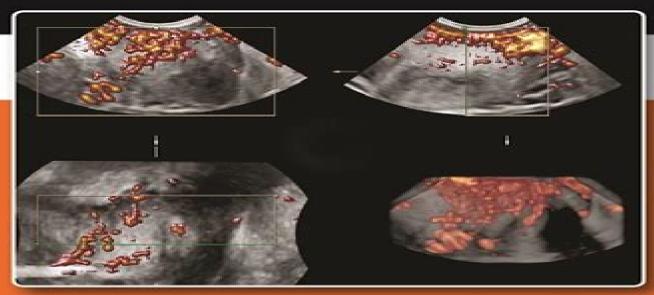
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Practical Guide to 3D-4D Ultrasound in Obstetrics and Gynecology



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A Practical Guide To 3d Ultrasound

Rabih Chaoui, Kai-Sven Heling

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comprehensive reference for all practitioners involved in cardiac imaging 3D Ultrasound in Prenatal Diagnosis Rabih Chaoui, Kai-Sven Heling, 2016-09-12 In the last decade there was a widespread use of 3D ultrasound in obstetrical imaging It is estimated that more than half of the obstetrical clinics are currently using ultrasound equipment with 3D capabilities Initially known for its beautiful images of the faces of babies 3D ultrasound has however become an important tool in prenatal diagnosis for its ability to image fetal organs in normal and abnormal conditions This book is a state of the art work conceived as a practical guide to the application of 3D ultrasound in obstetrics The book is illustrated with images reflecting the clinical utility of 3D ultrasound in prenatal diagnosis. The book has three sections one section on the technical principles of 3D ultrasound a second section on various 3D rendering tools with a step by step explanation of its use The third section is dedicated to the clinical use of 3D in the examination of the fetal organs. The authors of this book have extensive expertise in 3D ultrasound that spans for more than 15 years A Practical Guide to Fetal Echocardiography Alfred Z. Abuhamad, Rabih Chaoui, 2015-08-25 An easy to use and lavishly illustrated guide for those who perform fetal echocardiograms to obtain a complete evaluation of the normal and abnormal fetal heart Chapters cover the normal fetal heart with focus on normal anatomy and offer detailed discussion of fetal cardiac malformations Ultrasound images are shown in black and white and color pathology images are shown in color Each disorder is defined and discussed in terms of ultrasound findings including associated cardiac extracardiac findings differential diagnosis and prognosis outcome Key points are given at the end of each 3D Ultrasound in Prenatal Diagnosis Rabih Chaoui, Kai-Sven Heling, 2024-06-17 Initially known for its beautiful discussion images of the faces of babies 3D ultrasound has however become an important tool in prenatal diagnosis for its ability to image fetal organs in normal and abnormal conditions This book is a state of the art work conceived as a practical guide to the application of 3D ultrasound in obstetrics The authors of this book have extensive expertise in 3D ultrasound that spans for more than 25 years The book has three sections one section on the technical principles of 3D ultrasound a second section on various 3D rendering tools with a step by step explanation of its use The third section is dedicated to the clinical use of 3D in the examination of the fetal organs In this 2nd edition the entire book has been revised and actualized 3D Automated Breast Volume Sonography Veronika Gazhonova, 2016-11-26 This book introduces an exciting new method for breast ultrasound diagnostics automated whole breast volume scanning 3D ABVS Scanning technique is described in detail with guidance on scanning positions and protocols Imaging findings are then illustrated and discussed for normal breast variants the different forms of breast cancer fibroadenomas cystic disease benign and malignant male breast disorders mastitis breast implants and postoperative breast scars In order to aid appreciation of the benefits of 3D ABVS comparisons with findings on X ray mammography and conventional 2D hand held US are presented Readers will be especially impressed by the convincing demonstration of the advantages of the new method for diagnosis of breast cancer in women with dense glandular tissue In enabling readers to learn how to perform and interpret 3D ABVS this book will be of great value for all who are

embarking on its use It will also serve as a welcome reference for radiologists oncologists and ultrasonographers who already have some familiarity with the technique Practical Guide to Office Procedures in Gynecology and Urogynecology Khaled Sakhel, James Chivian Lukban, Alfred Z. Abuhamad, 2012-12-15 This ideal and quick reference book is written in a reader friendly style by accomplished experts in their field The book is directed to women s health professionals who currently perform or wish to perform gynecologic and urogynecologic procedures in the office You will find this text to be comprehensive and current with great images and useful tools. This is one of the only books that present all pertinent information on office procedures in gynecology and urogynecology in a concise and easy to read manner With this book in hand you will be able to build your confidence and understanding of procedures with chapters that cover the most widely performed gynecologic and urogynecologic office interventions Understand the legal and safety issues that are encountered in the office Learn procedural protocols from the experts Obtain clinical pearls which provide a useful summary of the most important points in each chapter Access tables with CPT codes for all the procedures described Practical Guide to Recurrent Pregnancy Loss Chaitanya Nagori, Sonal Panchal, 2022-11-30 Recurrent pregnancy loss is defined as the loss of two or more pregnancies in a row This book is a concise guide to the investigation and management of recurrent pregnancy loss Divided into 12 sections the text begins with an introduction and discussion on anatomical causes of recurrent pregnancy loss The following sections examine different causes of pregnancy loss including thrombophilia genetic causes endocrine causes infections endometriosis and more The final sections cover male factors and environmental and psychological factors that may contribute to recurrent pregnancy loss concluding with a selection of management pearls The book is further enhanced by clinical ultrasound images and figures

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