



3D and 4D Ultrasound: A Text and Atlas

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KEY SELLING POINTS

- * First book on 4D Ultrasound
- * Over one thousand black and white and colour images
- * Two authors of international renown

THE BOOK

Three dimensional (3D) and Real Time three dimensional (4D) ultrasound has changed the way scans are carried out. Such ultrasound techniques have now become acceptable as valuable methods of diagnosis. 3D and 4D ultrasound can nowadays be applied to the examination of all internal body organs. Originally developed in the field of obstetrics and gynaecology, ultrasound diagnosis is now common place throughout internal medicine. This book is the first to deal with Real Time 4D ultrasound, and discusses its usage when applied to all internal organs. This book is written by two internationally renowned practitioners of state of the art 3D and 4D ultrasound techniques.

CONTENTS

The Physical Principles and Techniques; The Liver and The Biliary Tract; The Pancreas, Para-aortic areas and the Spleen; The Kidneys, Ureters and Bladder, The Prostate; The Small Parts - Breast, Thyroid, Scrotum, and Musculoskeletal Structures; The Vascular Systems; The Endometrium; The Myometrium; The Adnexa; Cancer of the Cervix; Congenital Malformations of the Uterus; Early Pregnancy; Fetal Malformations; The Placenta, Umbilical Cord, Amniotic Fluid and Cervix.

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All ultrasounds use sound waves to create a picture. The traditional ultrasound is a 2D or two-dimensional image to create images of a developing fetus. In recent years, 3D or three-dimensional images, and now four-dimensional images or 4D, have become popular. However, 3D and 4D ultrasounds are not considered standard prenatal tests and insurance may not cover the cost of these types of ultrasounds unless your doctor deems them medically necessary. Each of these types of ultrasound has advantages and disadvantages. Many families prefer the 3D images because they look more like what they perceive a baby to look like in real life than the flatter 2D images. You should talk to your doctor about the type of ultrasound they use, and why.

@inproceedings{Cochlin1994UrogenitalUA, title={Urogenital Ultrasound: A Text Atlas}, author={Dennis L. Cochlin and Paul A. Dubbins and Barry B. Goldberg and Ethan J. Halpern}, year={1994} }. Dennis L. Cochlin, Paul A. Dubbins, +1 author Ethan J. Halpern. Published 1994. Medicine. Marko Malovrh. Medicine. Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association. 1998. View 3 excerpts. Cites background & methods. Three-Year Results of the First Educational and Early Detection Program for Testicular Cancer in Hungary. Lajos Gczi, Frdric Gomez, +3 authors Istvn Bodrogi. Medicine.