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4D Fetal Echocardiography

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About the ebook

Four-dimensional (4D) ultrasound of the fetal heart has been recently suggested as a tool to improve the detection rate of congenital heart defects (CHD). This Ebook explains the role of 4D during second trimester examination and in fetuses with CHD.

Contents

- ▶ Epidemiology of Congenital Heart Diseases
- ▶ Second Trimester Screening of Congenital Heart Disease
- ▶ The Examination of the Normal Fetal Heart
- ▶ Real Time Three Dimensional Fetal Echocardiography Using Two Dimensional Array Technology
- ▶ Rendering Cardiac Volumes in Three and Four-Dimensional Ultrasonography
- ▶ Analysis of Acquired Volumes: Methodological Approach
- ▶ The Applications of HD and B Flow in 4D Echocardiography
- ▶ 3D Live Echocardiography with Matrix Probes

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