

Χαρακτηριστικά:

- Offers **authoritative, long-term coverage of a broad spectrum of cardiology conditions**, including congenital heart disease, adult congenital heart disease (ACHD), acquired heart disease, cardiomyopathies, and rhythm disturbances
- Features a **newly streamlined format** better incorporating the developmental and anatomical building blocks into clinical diagnosis and management, including **diagnostic and management algorithms** for quick reference guides. **Learning Objectives** and **Chapter Summary Tables** are also included
- Includes **exquisite specimen images** by Dr. Robert Anderson and Diane Spicer, dissected in easily recognizable analogous imaging planes. These are included in the over 850 anatomic, photographic, imaging, and algorithmic figures, and incorporate new images using virtual dissections of 3D datasets obtained in living patients. These images are complimented by new **specimen demonstration videos** by Diane Spicer
- Features **improved organization and new content** for the trainee and practicing provider, including new chapters on Physiology, The Pulmonary Circulation, Genetics, History and Physical Exam (with new high-quality auscultation audio files), Cardiac Intensive Care Unit and Mechanical Ventilation, Basic Principles of Pediatric and Congenital Cardiac Surgery, and Development and Anatomy of the Conduction System and Pathways of Abnormal Conduction
- Contains chapters on **emerging topics** including Three-Dimensional Reconstruction, Advanced Visualization, and Extended Reality, Global Burden of Pediatric Heart Disease and Health Equity, and Quantifying the Fetal Circulation in Congenital Cardiac Disease
- Shares the experience and knowledge of an **international team of multidisciplinary experts** in congenital and pediatric cardiac care
- **An eBook version is included with purchase.** The eBook allows you to access all of the text, figures, and references, with the ability to search, make notes and highlights, and have content read aloud. Additional digital ancillary content may publish after the publication date

Περιεχόμενα:

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4. Myocardial Development and Function
5. Physiology
6. Systemic Circulation
7. The Pulmonary Circulation
8. Physiology of the Developing Heart

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10. Prevalence of Congenital Cardiac Disease
11. Global Burden of Pediatric Heart Disease and Health Equity
12. Genetics of Congenital Heart Disease
13. Fetal and Perinatal Cardiology
14. Prematurity and Cardiac Disease
15. Cardiovascular Risk Factors in Youth
16. Screening in Pediatric and Congenital Heart Disease

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17. History and Physical Examination in Children With Known or Suspected Congenital Heart Disease
18. Cardiopulmonary Exercise Testing
19. Echocardiography
20. Cardiovascular Magnetic Resonance Imaging
21. Cardiovascular Computed Tomography
22. Three-Dimensional Reconstruction, Advanced Visualization, and Extended Reality
23. Diagnostic Cardiac Catheterization
24. Interventional Cardiac Catheterization
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26. Cardiovascular Pharmacology
27. General Principles of Pediatric and Congenital Cardiac Surgery

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