

Contributors

Editor biography

Preface to the first edition

Preface to the second edition

Preface to the third edition

Acknowledgments

1. Principles of 3D Echocardiographic Imaging

Bart Bijmens, Filip Loncaric, and Jan D'hooge

2. Left Ventricle

Luigi P Badano and Denisa Muraru

3. Stress Echocardiography

Andreas Franke

4. Right Ventricle

Takahiro Shiota

5. Left Atrium

Charles Fauvel, Olivier Raitière, and Fabrice Bauer

6. Hypertrophic Cardiomyopathy

Marta Sitges, Filip Loncaric, and Takahiro Shiota

7A. Primary Mitral Regurgitation

Eric Brochet and Alain Berrebi

7B. Secondary Mitral Regurgitation

Patrizio Lancellotti, Yun Yun Go, and Raluca Dulgheru

8. Mitral Stenosis & Percutaneous Mitral Valvuloplasty

Jose Alberto de Agustín and Jose Zamorano

9. Aortic Stenosis

Patrizio Lancellotti, Tadafumi Sugimoto, and Raluca Dulgheru

10. Aortic Regurgitation

Agnès Pasquet and Jean-Louis Vanoverschelde

11. Tricuspid Regurgitation

Denisa Muraru and Luigi P Badano

12. Infective Endocarditis

Raluca Dulgheru

13. Surgical Management

Takahiro Shiota

14. Non-Surgical Transcatheter Treatment

Takahiro Shiota, Hiroki Ikenaga, and Hiroto Utsunomiya

15. Artificial Valves

Giovanni La Canna, Iside Scarfò, and Philippe Pibarot

16. Adult Congenital Heart Disease

Pastora Gallego and Silvia Montserrat

17. Aorta

Masaaki Takeuchi

18A. Speckle Tracking

Nicolas Duchateau, Filip Loncaric, Marta Sitges, and Bart Bijnens

18B. Tissue Tracking

Tomoko Ishizu, Yasuhiko Abe, and Yoshihiro Seo

19. Cardiac Masses

Sonia Velasco, and Miguel Angel García-Fernández

20. Atrial Fibrillation

Laurien Goedemans, Nina Ajmone Marsan, Jeroen J Bax, and Victoria Delgado

21. 3D Printing

Israel Valverde

Index