Contents

Preface, vi
1 Historical Perspective, 1
2 3D Echocardiographic Technology, 13
3 How to do a 3D Echocardiogram:
   Examination Protocol and Normal
   Anatomy, 23
4 Mitral Valve, 55
5 Aortic Valve and Aorta, 72
6 Tricuspid and Pulmonary Valves, 99
7 Prosthetic Valves, 114
8 Left Ventricular and Right Ventricular
   Function Assessment, 122
9 Ischemic Heart Disease, 128
10 Cardiomyopathies, 137
11 Congenital Heart Disease, 155
12 Tumors and Other Mass Lesions, 218
13 Pericardial Disorders, 255
14 Live/Real Time 3D Transesophageal
   Echocardiography, 263
15 The Challenges of Volume Ultrasound: Real
   Time Full Volume Imaging, 283
16 3D Wall Motion Tracking as the Ultimate
   Technology for Wall Motion Analysis, 287
Index, 295

Companion DVD
This book is accompanied by a DVD with:
- A database of 384 movie clips
- Movie clips are all referenced in the text where you see this symbol.

COPYRIGHTED MATERIAL