

Contents

- 1 **Introduction**, 1
Liane E. Philpotts | Regina J. Hooley
 - 2 **Physics and Development of Breast Tomosynthesis**, 5
Loren Niklason
 - 3 **The Technologist's Perspective**, 9
Regina J. Hooley | Amanda Albarella | Liane E. Philpotts
 - 4 **Implementation of Digital Breast Tomosynthesis Into Clinical Practice**, 18
Stamatia Destounis | Andrea Arieno | Renee Morgan | Liane E. Philpotts
 - 5 **Tomosynthesis in Screening Mammography**, 26
Melissa Durand | Liane E. Philpotts
 - 6 **Tomosynthesis in Diagnostic Mammography**, 39
Reni Butler | Regina J. Hooley
 - 7 **Tomosynthesis Interpretation Tips and Pitfalls**, 56
Liane E. Philpotts | Regina J. Hooley
 - 8 **Benign Findings**, 74
Laura Sheiman | Liane E. Philpotts
 - 9 **Malignant Findings**, 88
Paul H. Levesque | Regina J. Hooley
 - 10 **Architectural Distortion**, 100
Madhavi Raghu | Regina J. Hooley
 - 11 **Integrating Tomosynthesis With Multimodality Imaging**, 115
Liva Andrejeva | Jaime Geisel | Liane E. Philpotts
 - 12 **The Postoperative Breast**, 133
Laura J. Horvath | Liane E. Philpotts
 - 13 **Tomosynthesis in the Male Breast**, 152
Liane E. Philpotts
 - 14 **Interventional Procedures**, 167
Margarita Zuley | Ernestine Thomas | Jules H. Sumkin | Reni Butler
- Video Case Studies**, 181
- Selected Readings**, 243