

Contents

<i>List of contributors</i>	viii		
<i>Preface</i>	xi		
<i>Acknowledgments</i>	xii		
<hr/>			
1	Detectors for digital mammography	1	
	Andrew Karellas and Srinivasan Vedantham		
2	Image acquisition	18	
	Tanya W. Stephens and Jihong Wang		
3	Preparing digital mammography images for interpretation	22	
	Basak E. Dogan		
4	Image display and visualization in digital mammography	27	
	Jihong Wang and William R. Geiser		
5	PACS, storage, and archiving	32	
	Stamatia Destounis, Valerie Andolina, Shannon DeMay, Diana Kissel, Stephen Switzer, and Nancy Wayne		
6	Interpretation of digital screening mammography	46	
	Tamara Miner Haygood and Basak E. Dogan		
7	Efficacy of digital screening mammography	62	
	Tamara Miner Haygood		
8	Artifacts in digital mammography	71	
	William R. Geiser		
9	Mobile digital mammography	85	
	Michael Ryan		
10	Procedures with digital mammography	96	
	Gary J. Whitman, Malak Itani, Callie Cheatham, and Philip M. Tchou		
11	Digital breast tomosynthesis	109	
	Alexis V. Nees		
12	Breast computed tomography	125	
	Gary J. Whitman, Chao-Jen Lai, Xinming Liu, Malak Itani, Raunak Khisty, and Chris C. Shaw		
13	Cases	144	
	Michael N. Linver and Robert D. Rosenberg		
14	Comparison of commercially available systems	187	
	Karla A. Sepulveda, Lindsay Hwang, and William R. Geiser		
<hr/>			
	<i>Index</i>	190	