

Contents

Foreword by Cynthia L. Rapp	ix
Preface	xii
Acknowledgments	xiii
Contributors	xv
Abbreviations.....	xvii
1 Introduction to Elastography	1
<i>Richard G. Barr</i>	
2 Principles of Elastography.....	6
<i>Richard G. Barr</i>	
3 Elastography for Diffuse Liver Disease	25
<i>Giovanna Ferraioli, Mabel Zicchetti, Raffaella Lissandrini, and Carlo Filice</i>	
4 Elastography for Focal Liver Disease	37
<i>Stephanie R. Wilson</i>	
5 Elastography of the Breast	43
<i>Richard G. Barr</i>	
6 Elastography of the Thyroid Gland	68
<i>Vito Cantisani, Hektor Grazhdani, Emanuele David, Fabrizio Calliada, Nicola Di Leo, Mattia DiSegni, Antonio Masciotra, Carlo Catalano, and Ferdinando D'Ambrosio</i>	
7 Elastography of the Prostate.....	87
<i>Jean-Michel Correas and Olivier Hélenon</i>	
8 Elastography of the Lymph Nodes.....	100
<i>Nitun Chaubal, Anupam Bam, and Ketki Khadtare</i>	
9 Elastography of the Spleen, Pancreas, and Kidneys	115
<i>Mirko D'Onofrio, Vito Cantisani, Emilio Quaia, Riccardo De Robertis, Costanza Bruno, Stefano Crosara, Valentina Ciaravino, Antonio Giulio Gennari, Michele Pontello, Giuseppe Schillizzi and Roberto Pozzi Mucelli</i>	
10 Elastography of the Musculoskeletal System.....	129
<i>Richard G. Barr, Amy M. Lex, and Nelson A. Hager</i>	
11 Elastography of the Salivary Glands, Lymph Nodes, and Testes	141
<i>Fabrizio Calliada, Vito Cantisani, Chandra Bortolotto, Hector Grazhdani, Emanuele David, Antonio Masciotra, and Andrea Isidori</i>	

12	Magnetic Resonance Elastography	158
	<i>Bogdan Dzyubak</i>	
13	Future Applications for Elastography	170
	<i>David O. Cogswell</i>	
ix	Index	176