
Contents

1	Shoulder: Instability	1
	Michael J. Tuite and Christian W. A. Pfirrmann	
2	Rotator Cuff	11
	Eva Llopis, Alexeys Perez, and Luis Cerezal	
3	Elbow Imaging with an Emphasis on MRI	23
	Mark W. Anderson and Christine B. Chung	
4	Wrist and Hand	41
	Omid Khalilzadeh, Clarissa Canella, and Laura M. Fayad	
5	Imaging of the Hip	57
	Reto Sutter and Donna G. Blankenbaker	
6	Pelvis and Groin	71
	Robert D. Boutin and Philip Robinson	
7	Knee	83
	Marcelo Bordalo-Rodrigues and Lawrence M. White	
8	Ankle and Foot	107
	Soterios Gyftopoulos and Klaus Woertler	
9	Postoperative Knee and Shoulder	121
	Ara Kassarian and David A. Rubin	
10	Adult Tumors of Soft Tissue, Bone, and Bone Marrow: What the Clinician Wants to Know	139
	Hillary W. Garner and Mark D. Murphey	
11	Arthritis	149
	Andrew J. Grainger and Charles S. Resnik	
12	Metabolic-Endocrine	169
	Miriam A. Bredella and Bruno C. Vande Berg	
13	Spine Trauma	183
	Connie Y. Chang and Mini N. Pathria	
14	Spine Degeneration and Inflammation	197
	David J. Wilson and Marcelo de Abreu	
15	Infection	215
	William B. Morrison and Mark J. Kransdorf	
16	Ultrasonography: Sports Injuries	229
	Gina M. Allen and Jon A. Jacobson	

17	Muscle Imaging	247
	William Palmer and M. K. Jesse	
18	Peripheral Nerve Imaging	259
	James F. Griffith and Roman Guggenberger	
19	Sports-Related Injuries of the Pediatric Musculoskeleton	269
	Kirsten Ecklund	
20	Non-traumatic Musculoskeletal Diseases in Children	283
	Rutger A. J. Nievelstein	
	Correction to: Rotator Cuff	C1
	Correction to: Musculoskeletal Diseases 2021–2024	C3