

Contents

Imaging Techniques and Procedures	1
1 Paediatric Trauma Radiography DAVID HORTON	3
2 Radiographic Positioning KATE PARKES	11
3 CT ANNE PATERSON	27
4 Ultrasound in Paediatric Trauma JAMES TEH	39
5 Magnetic Resonance Imaging KARL J. JOHNSON	59
6 Nuclear Medicine KAREN BRADSHAW and ANGHARAD HARRIES	79
Clinical Problems	89
7 Normal Anatomical Variants and Other Mimics of Skeletal Trauma HELEN WILLIAMS	91
8 Basic Sciences of Paediatric Fractures EDWARD BACHE and KARL J. JOHNSON	119
9 Long Bone Fractures EDWARD BACHE	133
10 Growth Plate (Physeal) Injuries KATHARINE FOSTER	147
11 Non-accidental Injury STEPHEN CHAPMAN	159
12 Pelvic Fractures KARL J. JOHNSON and EDWARD BACHE	175
13 The Hip Joint JAMES METCALFE and ALAN SPRIGG	193

14	The Paediatric Knee EDWARD BACHE, SEAN SYMONS, and KEITH HAYWARDS.	207
15	Ankle PAUL GIBBONS.	225
16	Foot Fractures EDWARD BACHE, CAROLINE LEVER, and RAJ KANWAR.	237
17	Shoulder PHIL GLITHERO.	247
18	Elbow Injuries EDWARD BACHE.	257
19	The Hand and Wrist GREG JOHN IRWIN and RODERICK DOUGLAS DEWAR DUNCAN	283
20	The Spine RADHESH KRISHNA LALAM, VICTOR N. CASSAR-PULLICINO, and PRUDENCIA N. M. TYRRELL	301
21	Pathological Fractures in the Immature Skeleton A. MARK DAVIES	337
	Subject Index	357
	List of Contributors	363

Imaging in Pediatric Skeletal Trauma

Techniques and Applications

Johnson, K.J.; Bache, E. (Eds.)

2008, X, 364 p. 627 illus., 19 illus. in color., Hardcover

ISBN: 978-3-540-66196-2