

---

## Contents

### Part I Upper Extremity: Clavicle – Shoulder

<b>1 Treatment of Nonunion of Clavicle Fractures</b> . . . . .	3
Peter V. Giannoudis, Emilio Delli Sante, and Fragkiskos N. Xypnitos	
<b>2 Acromioclavicular Joint Dislocation</b> . . . . .	9
Roger Hackney, Fragkiskos N. Xypnitos, and Peter V. Giannoudis	
<b>3 Diagnostic Shoulder Arthroscopy</b> . . . . .	13
Roger Hackney	
<b>4 Acromioplasty</b> . . . . .	21
Roger Hackney	
<b>5 Rotator Cuff Repair (Open/Arthroscopic)</b> . . . . .	25
Roger Hackney	
<b>6 Open Anterior Shoulder Stabilization</b> . . . . .	31
David Limb	
<b>7 Arthroscopic Shoulder Stabilization</b> . . . . .	37
Roger Hackney	
<b>8 Arthroscopic Capsular Release for Shoulder Stiffness</b> . . . . .	43
Arup K. Bhadra, Craig S. Roberts, and Frank O. Bonnarens	
<b>9 Total Shoulder Arthroplasty in Degenerative Osteoarthritis of the Shoulder</b> . . . . .	51
George M. Kontakis and Theodoros I. Tosounidis	

### Part II Upper Extremity: Humerus – Elbow

<b>10 Nonunions of the Humeral Shaft: Open Reduction Plate Fixation and Autologous Bone Graft Augmentation</b> . . . . .	63
Nikolaos K. Kanakaris, Fragkiskos N. Xypnitos, and Peter V. Giannoudis	
<b>11 Repair of the Ruptured Distal Biceps Tendon</b> . . . . .	71
David Limb	

<b>12 Subcutaneous Ulnar Nerve Transposition</b> .....	75
Robert Farnell	
<b>13 Lateral Collateral Ligament Reconstruction for Posterolateral Rotatory Instability of the Elbow</b> .....	81
Panagiotis Stavlas and Christos Sinopidis	
<b>14 Elbow Arthroscopy</b> .....	87
David Limb and Panagiotis Stavlas	
<b>15 Total Elbow Arthroplasty</b> .....	95
Panayotis N. Soucacos and Panagiotis Liantis	
 <b>Part III Upper Extremity: Forearm – Wrist</b>	
<b>16 Forearm Nonunions</b> .....	109
Peter V. Giannoudis, Efthimios J. Karadimas, and Fragkiskos N. Xypnitos	
<b>17 Wrist Arthroscopy</b> .....	115
Doug A. Campbell	
<b>18 Wrist Arthrodesis</b> .....	121
Robert Farnell	
<b>19 Scaphoid Nonunion</b> .....	129
Doug A. Campbell	
<b>20 Trapezectomy</b> .....	135
Robert Farnell	
<b>21 Carpal Tunnel Release</b> .....	141
Doug A. Campbell	
<b>22 Release of the First Extensor Compartment at the Wrist (DeQuervain’s Decompression)</b> .....	147
Robert Farnell	
<b>23 Dupuytren’s Fasciectomy</b> .....	151
Doug A. Campbell	
<b>24 Trigger Finger Release</b> .....	157
Robert Farnell	
<b>25 Tendon Transfers for Median Nerve Palsy</b> .....	163
Gráinne Bourke and Andrew Williams	
<b>26 Tendon Transfers for Radial Nerve Palsy</b> .....	171
Gráinne Bourke and Andrew Williams	
<b>27 Tendon Transfers for Ulnar Nerve Palsy</b> .....	181
Gráinne Bourke and Andrew Williams	

## **Part IV Spine: Cervical Spine**

- 28 Surgical Technique of Anterior Cervical Discectomy and Fusion (ACDF) . . . . . 189**  
 Abhay S. Rao, Antony L.R. Michael, and Jake Timothy

## **Part V Spine: Lumbar Spine**

- 29 Microdiscectomy/Microdecompression for Intraspinous Intervertebral Disc Prolapses and Lateral Recess Stenosis . . . . . 197**  
 Robert A. Dunsmuir
- 30 Lumbar Decompression and Instrumented Fusion . . . . . 205**  
 Robert A. Dunsmuir and Antony L.R. Michael
- 31 Spinal Stenosis/Decompression . . . . . 213**  
 Efthimios J. Karadimas and Abhay S. Rao

## **Part VI Spine: Scoliosis**

- 32 Posterior Correction of Adolescent Idiopathic Scoliosis (Principles for the Posterior Correction of Spinal Curvatures) . . . . . 221**  
 Robert A. Dunsmuir

## **Part VII Spine: Vertebro/Kyphoplasty**

- 33 Surgical Technique of Vertebral Cement Augmentation (Vertebro/Kyphoplasty) . . . . . 231**  
 Antony L.R. Michael, Abhay S. Rao, and Jake Timothy

- Index . . . . . 241**

**Practical Procedures in Elective Orthopedic Surgery**

Upper Extremity and Spine

Giannoudis, P.V. (Ed.)

2012, XVI, 249 p. 304 illus., 274 illus. in color.,

Softcover

ISBN: 978-0-85729-819-5