

TABLE OF CONTENTS

LIST OF CONTRIBUTORS	XI
CHAPTER 1 Anatomy and Biomechanics of the Elbow	1
A. CELLI	
CHAPTER 2 The Clinical Examination of the Elbow	13
A. HINSCHKE, D. STANLEY	
CHAPTER 3 Imaging of the Elbow	21
V. SPINA, L. BALDINI	
CHAPTER 4 Elbow Surgical Approaches	39
A. CELLI, L. CELLI	
CHAPTER 5 The Treatment of Distal Humerus Fractures	61
S. W. O'DRISCOLL	
CHAPTER 6 The Fractures of the Olecranon	71
J. E. ADAMS, S. P. STEINMANN	
CHAPTER 7 The Radial Head Fractures	83
M. W. HARTMAN, S. P. STEINMANN	
CHAPTER 8 The Treatment of Coronoid Fractures and their Complications	89
A. G. SCHNEEBERGER	
CHAPTER 9 Lateral Collateral Ligament Injury	99
D. STANLEY	
CHAPTER 10 The Complex Dislocations of the Elbow	103
G. J. W. KING	
CHAPTER 11 The Fracture-Dislocation of the Forearm (Monteggia and Essex-Lopresti Lesions)	113
A. CELLI, M. C. MARONGIU, M. FONTANA, L. CELLI	
CHAPTER 12 The Instability after Radial Head Excision	127
S. L. JENSEN	

CHAPTER 13	The Radial Head Prosthesis: Historical Perspective	137
	C. ROVESTA, C. MINERVINI, G. BONANNO, L. CELLI	
CHAPTER 14	The Swanson Radial Head Prosthesis	145
	B. MARTINELLI	
CHAPTER 15	Bipolar Radial Head Prosthesis	149
	A. CELLI	
CHAPTER 16	Evolve™ Modular Metallic Radial Head Arthroplasty	159
	G.J.W. KING	
CHAPTER 17	Radial Head Prosthetic Replacement with the Avanta Implant	167
	B.F. MORREY	
CHAPTER 18	Radial Head Replacement with a Pyrocarbon Head Prothesis: Preliminary Results of a Multicentric Prospective Study	175
	Y. ALLIEU, M. WINTER, J.P. PEQUIGNOT, P. DE MOURGUES	
CHAPTER 19	Elbow Stiffness	185
	A. CELLI, L. CELLI	
CHAPTER 20	The Arthroscopic Treatment of the Stiff Elbow	211
	S.W. O'DRISCOLL	
CHAPTER 21	The Surgery of Neglected Distal Humerus Fractures in Children and Adults	221
	L.P. MÜLLER, M. HANSEN, B.F. MORREY, K.J. PROMMERSBERGER, P.M. ROMMENS	
CHAPTER 22	Total Elbow Replacement for Rheumatoid Arthritis	231
	B.F. MORREY	
CHAPTER 23	Total Elbow Arthroplasty in Acute Fracture	239
	A. CELLI	
CHAPTER 24	Latitude Convertible Total Elbow Prosthesis	251
	G.J.W. KING, K. YAMAGUCHI, S.W. O'DRISCOLL	
CHAPTER 25	Total Elbow Arthroplasty for Post-traumatic Arthrosis	263
	A.G. SCHNEEBERGER, B.F. MORREY	
CHAPTER 26	Revision of Failed Elbow Arthroplasty	273
	B.F. MORREY	
CHAPTER 27	Elbow Nerve Tunnel Syndromes	281
	A. CELLI, C. ROVESTA, M.C. MARONGIU	

CHAPTER 28	Traumatic Isolated Lesions of Musculocutaneous Nerve	299
	C. ROVESTA, M.C. MARONGIU, G. BONANNO, A. CELLI, L. CELLI	
CHAPTER 29	The Traumatic Nerve-Vascular Lesions	305
	R. ADANI, G. LEO, L. TARALLO	
CHAPTER 30	The Utility of Continuous Axial Brachial Plexus Catheters after Surgery	315
	F. GAZZOTTI, L.V. INDRIZZI, G. MAGNI, E. BERTELLINI, A. TASSI	
CHAPTER 31	Elbow Brace in Physical Therapy	323
	R. ROTINI, A. MARINELLI	
SUBJECT INDEX		333