



BONE AND SKIN DISORDERS

EDITED BY
RAOUL TUBIANA AND ALAIN GILBERT



Contents

List of contributors	vii		
Foreword	xi		
Frank R Wilson			
Preface	xiii		
1 Anaesthesiology	1	14 Acute and chronic ligamentous injuries of the joints of fingers and thumb	171
François Girault and Alain Gilbert		Edward Diao and Richard G Eaton	
2 Strategy for hand injuries	11	15 Finger sprains	187
Michel Merle, Gilles Dautel and Neil Citron		Eric Lenoble	
3 Principles of surgical exposures	21	16 Acute injuries of the thumb metacarpophalangeal joint	199
Raoul Tubiana, Christopher J McCullough and Alain C Masquelet		†Bertil Stener	
4 Avulsion injuries	29	17 Fractures of carpal bones	207
Wayne A Morisson		Alain C Masquelet	
5 Volkmann's contracture of the forearm	39	18 Fracture-dislocations of the carpometacarpal joints	215
René Malek		Alain C Masquelet	
6 Finochietto's ischemic contracture of the hand	49	19 Fractures of the distal radius and ulna	225
Eduardo A Zancolli		Carl-Göran Hagert	
7 Joint stiffness	63	20 Malunion of the distal radius	243
Antonio Landi, Riccardo Busa and Giuseppe Caserta		Ladislav Nagy and Diego L Fernandez	
8 Vascularized bone transplants	93	21 Wrist sprains	265
Christophe Mathoulin and Alain Gilbert		Julia A Katarincic, James H Dobyns and Ronald L Linscheid	
9 Finger joint arthroplasties	107	22 Carpal instability	287
Zoe H Dailiana and Dominique Le Viet		Andres Taleisnik and Julio Taleisnik	
10 Joint arthrodesis	121	23 Interosseous membrane lesions and wrist disorders	307
Alain C Masquelet		Luciano A Poitevin	
11 Recent extra-articular fractures	131	24 Dislocations of the carpus	311
Peter Brüser and Grahame Larkin		Yves Allieu and Jean-Luc Roux	
12 Finger joint fractures	143	25 Ulnar wrist lesions	325
Peter Brüser		Jean-Jacques Comtet	
13 Deformity and nonunion following fractures	153	26 Limited wrist arthrodesis	343
Eyal Faierman and Jesse B Jupiter		H Kirk Watson and James M Shenko	
		27 Kienböck's disease	353
		Alain C Masquelet	
		28 Arthritis of the basal joint of the thumb	361
		Caroline Leclercq and Dominique Le Viet	

- 29 **The burned hand 377**
Francesco Brunelli, Giovanni Brunelli, Jean Michel Rochet and Daniel Wasserman
- 30 **Hand burns in children 399**
Maria C Romaña and Alain C Masquelet
- 31 **Surgical pathology of the hand caused by the cold 405**
Gregorio Martínez Villén, José R Morandeira García and Gustavo García Julve
- 32 **Sport injuries 417**
Caroline Leclercq
- 33 **Traumatic amputations: prehension 429**
Raoul Tubiana
- 34 **The role of microsurgical techniques in the treatment of upper limb amputations 433**
Viktor Meyer and Claudia Meuli-Simmen
- 35 **Distal finger mutilations 455**
Thierry Dubert, Philippe Valenti and Dominique Le Viet
- 36 **Proximal and middle finger mutilations 469**
Zoe H Dailiana, Dominique Le Viet and Raoul Tubiana
- 37 **Transposition of ulnar rays by intracarpal osteotomy 477**
Dominique Le Viet and Zoe H Dailiana
- 38 **Thumb reconstruction 485**
Raoul Tubiana, Alain Gilbert and Francesco Brunelli
- 39 **Multidigital amputations 517**
Raoul Tubiana and Philippe Valenti
- 40 **Free vascularized lymphatic node transplantation for lymphoedema 541**
Corinne Becker and Alain Gilbert
- 41 **Reflex sympathetic dystrophy of the hand 549**
François Moutet and Dominique Thomas
- 42 **Infections 571**
John AI Grossman
- 43 **Hand pain and the pain clinician 583**
André Muller
- 44 **The painful neuroma 603**
Guy Foucher
- Index 616**