Contents

Part I  Background Concepts

1 Advances in the Medical Treatment of RA: What Surgeons Need to Know .................................................. 3
   Daniel Herren

2 Etiology of Rheumatoid Arthritis: A Historical and Evidence-Based Perspective ............................................. 13
   David A. Fox

3 Preoperative and Postoperative Medical Management for Rheumatoid Hand Surgery .................................. 21
   Vladimir M. Ognenovski

4 Setting Priorities: The Timing and Indications for Rheumatoid Surgical Procedures ...................................... 31
   Matthew Brown and Kevin C. Chung

5 Upper Extremity Compression Neuropathies in Rheumatoid Patients ............................................................. 43
   Joshua M. Adkinson

6 Current Treatment Outcomes Among Patients with Rheumatoid Hand and Wrist Deformities .................... 53
   Jennifer F. Waljee

7 Application of Patient-Rated Questionnaires in Rheumatoid Hand Outcomes Research .............................. 61
   Erika D. Sears

Part II  Rheumatoid Wrist

8 Biomechanics of the Rheumatoid Wrist Deformity .............................................................. 75
   Gregory Ian Bain, Thomas Clifton, John J. Costi, and Jeganath Krishnan

9 Concepts and Indications of Rheumatoid Wrist Surgery ........ 87
   Marco Rizzo
Management of the Distal Radioulnar Joint in Rheumatoid Arthritis

Brian D. Adams

Soft Tissue Reconstructive Procedures in the Rheumatoid Wrist, Including Tendon Transfer Procedures

Philippe Bellemère

Advances in Total Wrist Arthroplasty

Guillaume Herzberg and Michel E.H. Boeckstyns

Total Wrist Fusion and Limited Wrist Fusion Procedures in Rheumatoid Arthritis

Hajime Ishikawa

Application of Arthroscopy in the Treatment of Rheumatoid Wrist

Clara Wong Wing Yee and Pak-cheong Ho

Case-Based Discussion of the Management of the Rheumatoid Wrist

Daniel Herren

Part III  Rheumatoid Hand

The Rheumatoid Finger: Treatment Concepts and Indications for Surgery

Philippe Kopylov and Magnus Tägil

Biomechanics of Rheumatoid Finger Deformities

Nathan T. Morrell and Arnold-Peter C. Weiss

Treatment of MCP Joints in the Rheumatoid Hand

Alberto Lluch

Treatment of Boutonniere and Swan-Neck Deformities in Rheumatoid Fingers

Alfredo Olazábal and Alexandra L. Mathews

Concepts in Ulnar Drift Deformity

Shepard P. Johnson and Kevin C. Chung

The Rheumatoid Thumb

Michel E.H. Boeckstyns

Case-Based Examples of Management of the Rheumatoid Hand

Kevin C. Chung and Alexandra L. Mathews

Part IV  Rheumatoid Elbow

Soft Tissue Management of Elbow Deformities

Takeshi Ogawa and Kevin C. Chung
24  **Arthroplasty Procedures for the Rheumatoid Elbow** ............... 301
    Michael C. Glanzmann and Hans-Kaspar Schwyzer

25  **Case-Based Examples of Management**
    **of Rheumatoid Elbow** ................................................................. 311
    Massimo Ceruso, Prospero Bigazzi, and Sandra Pfanner

**Index** ............................................................................................................ 325
Clinical Management of the Rheumatoid Hand, Wrist, and Elbow
Chung, K.C. (Ed.)
2016, XV, 330 p. 264 illus., 178 illus. in color., Hardcover
ISBN: 978-3-319-26658-9