

Volume 1

SECTION I: ANESTHESIA

PROCEDURE 1 - Anesthesia Techniques

SECTION II: FINGER FRACTURES AND DISLOCATIONS

PROCEDURE 2 - Open Reduction and Internal Fixation of Transverse Phalangeal Shaft Fracture

PROCEDURE 3 - Open Treatment of Oblique and Spiral Fractures of the Proximal Phalanx

PROCEDURE 4 - Open Reduction and Internal Fixation of Intra-articular Fractures of the Proximal Interphalangeal Joints (Middle Phalanx Base Fractures)

PROCEDURE 5 - Open Treatment of Unicondylar Fractures of the Proximal Phalanx

PROCEDURE 6 - Volar Plate Arthroplasty

PROCEDURE 7 - Repair of Acute Ulnar Collateral Ligament Injury of the Thumb

PROCEDURE 8 - Reconstruction of Chronic Ulnar Collateral Ligament Injury of the Thumb

PROCEDURE 9 - Metacarpal Fracture Fixation

SECTION III: THE WRIST

PROCEDURE 11 - Percutaneous Pinning of Distal Radius Fracture

PROCEDURE 12 - Corrective Osteotomy for Distal Radius Malunion

PROCEDURE 13 - Stabilization of the Distal Radioulnar Joint after Acute Injury

PROCEDURE 14 - Suave-Kapandji Arthrodesis for Distal Radioulnar Joint Arthritis

PROCEDURE 15 - Acute Scapholunate Ligament Reconstruction

PROCEDURE 16 - Reconstruction of Chronic Scapholunate Ligament Disruptions Using a Flexor Carpi Radialis Tendon Graft

PROCEDURE 17 - Reconstruction of Lunotriquetral Ligament Tear Using a Slip of the Extensor Carpi Ulnaris Tendon

PROCEDURE 18 - Wrist Denervation

PROCEDURE 19 - Open Reduction and Internal Fixation of Scaphoid Fracture Using the Cannulated Herbert Screw

PROCEDURE 20 - Vascularized Bone Grafting from the Distal Radius for Scaphoid Nonunion

PROCEDURE 21 - Pedicled Vascularized Bone Graft from the Dorsal Distal Radius for the Treatment of Kienböck's Disease

PROCEDURE 22 - Proximal Row Carpectomy

PROCEDURE 23 - Radial Shortening Osteotomy for the Treatment of Kienböck's Disease

PROCEDURE 24 - Wrist Arthroscopy

PROCEDURE 25 - Carpal Tunnel Release

SECTION IV: NERVE AND TENDON TRANSFERS

PROCEDURE 26 - Cubital Tunnel Release

PROCEDURE 27 - Radial Tunnel Release

PROCEDURE 28 - Tendon Transfer Procedures for Low and High Median Nerve Injury

PROCEDURE 29 - Tendon Transfer Procedures for Low and High Ulnar Nerve Injury

PROCEDURE 30 - Tendon Transfer Procedures for Low and High Radial Nerve Injury

PROCEDURE 31 - Tendon Transfer Procedures for Low and High Combined Median and Ulnar Nerve Injury

PROCEDURE 32 - Abductor Pollicis Longus Transfer for Radial Abduction of the Index Finger

PROCEDURE 33 - Tendon Transfer for Lateral Pinch in the Tetraplegic Patient

PROCEDURE 34 - Functional Muscle Transfer to Restore Elbow and Finger Flexion for Complete Avulsion of the Brachial Plexus

PROCEDURE 35 - Steindler's Flexorplasty

PROCEDURE 36 - Distal Anterior Interosseous Nerve Transfer for Ulnar Motor Reinnervation

PROCEDURE 37 - Median to Radial Motor Nerve Transfer

PROCEDURE 38 - Sensory Nerve Transfers

Volume 2

SECTION V: TENDON CONDITIONS

PROCEDURE 39 - Repair of Zone 1 Flexor Tendon Avulsion Injury

PROCEDURE 40 - Wide-Awake Approach to Flexor Tendon Repair

PROCEDURE 41 - Two-Stage Flexor Tendon Reconstruction

PROCEDURE 42 - Techniques for Extensor Tendon Repairs

PROCEDURE 43 - De Quervain's and Trigger Finger Release

SECTION VI: OSTEOARTHRITIC CONDITIONS

PROCEDURE 44 - Resection Arthroplasty of the Thumb Basilar Joint

PROCEDURE 45 - Thumb Basilar Joint Ligament Reconstruction

PROCEDURE 46 - Implant Arthroplasty Using Pyrocarbon Implant

SECTION VII: RHEUMATOID ARTHRITIS

PROCEDURE 47 - Dorsal Synovectomy and Darrach Procedure

PROCEDURE 48 - Radiolunate Fusion

PROCEDURE 49 - Total Wrist Fusion

PROCEDURE 50 - Rheumatoid Thumb Reconstruction: Double Arthrodesis of the Metacarpophalangeal and Interphalangeal Joints

PROCEDURE 51 - Crossed Intrinsic Tendon Transfer

PROCEDURE 52 - Swan-Neck Deformity

PROCEDURE 53 - Boutonnière Deformity

PROCEDURE 54 - Flexor Tendon Synovectomy

PROCEDURE 55 - Silicone Metacarpophalangeal Joint Arthroplasty

PROCEDURE 56 - Total Wrist Arthroplasty

PROCEDURE 57 - Tendon Transfers for the Rheumatoid Arthritis Patient

SECTION VIII: FLAPS AND MICROSURGERY

PROCEDURE 58 - Intrinsic Hand Flaps: The Digital Artery Island Flap

PROCEDURE 59 - Intrinsic Hand Flaps: The Kite Flap (First Dorsal Metacarpal Artery Flap)

PROCEDURE 60 - Ulnar Artery Bypass for Ulnar Artery Thrombosis in the Hand

PROCEDURE 61 - Pedicle Radial Forearm Flap

PROCEDURE 62 - Microvascular Second Toe-to-Thumb Transfer

PROCEDURE 63 - Digital Arterial Sympathectomy

PROCEDURE 64 - Replantation

SECTION IX: CONGENITAL CONDITIONS

PROCEDURE 65 - Correction of Constriction Ring

PROCEDURE 66 - Syndactyly Release

PROCEDURE 67 - Duplicated Thumb Reconstruction

PROCEDURE 68 - Cleft Hand Reconstruction

PROCEDURE 69 - Centralization for Radial Deficiency

PROCEDURE 70 - Index Pollicization

PROCEDURE 71 - Opposition Transfer for Hypoplastic Thumb

PROCEDURE 72 - Carpal Wedge Osteotomy for Arthrogryposis

PROCEDURE 73 - Rotational Osteotomy of the Forearm for Congenital Radioulnar Synostosis

SECTION X: SPASTIC CONDITIONS

PROCEDURE 74 - Fractional Lengthening of the Flexor Tendons

PROCEDURE 75 - Superficialis to Profundus Tendon Transfer

PROCEDURE 76 - Flexor-Pronator Slide

PROCEDURE 77 - Intrinsic Muscle Release for Thumb-in-Palm Deformity

PROCEDURE 78 - Flexor Carpi Ulnaris to Extensor Carpi Radialis Brevis Transfer

PROCEDURE 79 - Pronator Teres Rerouting

PROCEDURE 80 - Biceps and Brachialis Lengthening

SECTION XI: DUPUYTREN'S CONTRACTURE AND MISCELLANEOUS PROCEDURES

PROCEDURE 81 - Dupuytren's Contracture Surgery

PROCEDURE 82 - Incision and Drainage of Infected Finger

PROCEDURE 83 - Amputation