

# Contents

<b>1 Scaphoid Anatomy .....</b>	<b>1</b>
Jonathan L. Tueting, Darrin J. Trask	
<b>2 Nonoperative Management of Non-displaced Acute Scaphoid Fracture .....</b>	<b>9</b>
Megan Tomaino and Thomas B. Hughes	
<b>3 Acute Scaphoid Fracture Management: Dorsal Approach.....</b>	<b>21</b>
Robert C. Mason and Warren C. Hammert	
<b>4 Acute Scaphoid Fractures: Volar Approach .....</b>	<b>35</b>
Jonathan Isaacs and Amy Kite	
<b>5 Arthroscopic-Assisted Management of Acute Scaphoid Fractures .....</b>	<b>47</b>
William B. Geissler and Jared L. Burkett	
<b>6 Treatment of Acute Pediatric Scaphoid Waist Fractures .....</b>	<b>63</b>
Peter R. Letourneau and Dan A. Zlotolow	
<b>7 Scaphoid Nonunion: Surgical Fixation Without Bone Graft .....</b>	<b>73</b>
Christopher Doherty and Ruby Grewal	

<b>8 Scaphoid Nonunion Open Treatment with Distal Radius Bone Graft via Mini Dorsal Approach .....</b>	<b>87</b>
Michael Lin and Tamara D. Rozental	
<b>9 Scaphoid Nonunion: Surgical Fixation with Local Nonvascularized Bone Graft (Open) .....</b>	<b>95</b>
Sidney M. Jacoby and Justin D. Stull	
<b>10 Scaphoid Nonunion Treated with Iliac Crest Structural Autograft .....</b>	<b>109</b>
Roberto Diaz and James Chang	
<b>11 The Hybrid Russe Graft for the Treatment of Scaphoid Nonunion .....</b>	<b>123</b>
Steve K. Lee and Scott W. Wolfe	
<b>12 Arthroscopic Grafting and Scapholunate Pinning for Scaphoid Proximal Pole Nonunion .....</b>	<b>137</b>
Christophe Mathoulin	
<b>13 1,2 ICSRA for the Management of Proximal Pole Scaphoid Nonunion .....</b>	<b>147</b>
Harvey Chim, David G. Dennison and Sanjeev Kakar	
<b>14 Dorsal Capsular-Based Vascularized Distal Radius Graft for Scaphoid Nonunion .....</b>	<b>157</b>
Loukia K. Papatheodorou and Dean G. Sotereanos	
<b>15 Scaphoid Nonunion: Surgical Fixation with Vascularized Bone Grafts—Volar Pedicle .....</b>	<b>167</b>
Christophe Mathoulin, Mathilde Gras	
<b>16 Scaphoid Nonunion: Surgical Fixation with Vascularized Bone Graft—Free Medial Femoral Condyle Graft .....</b>	<b>177</b>
Peter C. Rhee and Alexander Y. Shin	
<b>17 Pediatric Scaphoid Nonunion .....</b>	<b>191</b>
Joshua M. Abzug and Dan A. Zlotolow	

<b>18 Partial Scaphoidectomy for Unsalvageable Scaphoid Nonunion .....</b>	<b>201</b>
David J. Slutsky	
<b>19 Reconstruction of the Unsalvageable Proximal Pole in Scaphoid Nonunions Utilizing Rib Osteochondral Autograft.....</b>	<b>213</b>
Garet Comer and Jeffrey Yao, MD	
<b>20 Recalcitrant Proximal Pole Nonunions Reconstructed with Medial Femoral Condyle Osteoarticular Graft .....</b>	<b>225</b>
James P. Higgins	
<b>21 Unsalvageable Scaphoid Nonunion: Implant Arthroplasty .....</b>	<b>237</b>
Marco Rizzo and Maurizio Corradi	
<b>22 Scaphoid Nonunion Advanced Collapse: Denervation .....</b>	<b>251</b>
M. Haerle, T. Del Gaudio	
<b>23 Scaphoid Nonunion Advanced Collapse: Arthroscopic Debridement/Radial Styloidectomy .....</b>	<b>263</b>
Brandon P. Donnelly and A. Lee Osterman	
<b>24 Scaphoid Nonunion Advanced Collapse: Capitulate Arthrodesis .....</b>	<b>273</b>
R. Glenn Gaston	
<b>25 Scaphoid Nonunion Advanced Collapse: Scaphoid Excision and 4-Corner Arthrodesis .....</b>	<b>285</b>
Nathan T. Morrell and Arnold-Peter C. Weiss	
<b>26 Proximal Row Carpectomy for Scaphoid Nonunion Advanced Collapse Wrist .....</b>	<b>293</b>
Olukemi Fajolu and Charles Day	
<b>Index.....</b>	<b>303</b>

<http://www.springer.com/978-3-319-18976-5>

Scaphoid Fractures and Nonunions

A Clinical Casebook

Yao, J. (Ed.)

2015, XIV, 306 p. 162 illus., Softcover

ISBN: 978-3-319-18976-5