

The Journal of Hand Surgery

An International Journal Devoted
to Surgery of the Upper Extremity

MARCH 2022

VOLUME 47

NUMBER 3

jhandsurg.org

EDITOR'S CHOICE



- 211 Five-Year Results of a Randomized, Controlled Trial of Collagenase Treatment Compared With Needle Fasciotomy for Dupuytren Contracture
Martin Byström, Allan Ibsen Sörensen, Kristian Samuelsson, Jan O. Fridén, and Joakim Strömberg

- 218 Scaphotrapeziotrapezoid Arthrodesis: Systematic Review
Andrew R. Stephens, Brittany N. Garcia, Miranda J. Rogers, Chong Zhang, Caroline Himbert, Mary M. McFarland, Angela P. Presson, Nikolas H. Kazmers, and Andrew R. Tyser

- 228 Cross-Sectional Areas and Volumes Occupied by Implants in Simulated Scaphoid Fractures
Frances E. Sharpe, Colin P. McCarty, Connor Goo, Nicolas Kim, Sang-Hyun Park, and Edward Ebramzadeh
- 237 Reconstruction of C5–C8 (T1 Hand) Brachial Plexus Paralysis in a Series of 52 Patients
Jayme A. Bertelli and Marcos F. Ghizoni

- 247 Outcome of Simple Decompression of Primary Cubital Tunnel Syndrome Based on Patient-Reported Outcome Measurements
Nienke H. A. Mendelaar, Caroline A. Hundepool, Lisa Hoogendam, Liron S. Duraku, Dominic M. Power, Erik T. Walbeehm, Ruud W. Selles, J. Michiel Zuidam, and the Hand-Wrist Study Group
 
- 256 CME Test Questions for "Outcome of Simple Decompression of Primary Cubital Tunnel Syndrome Based on Patient-Reported Outcome Measurements"
- 258 Cost Drivers in Carpal Tunnel Release Surgery: An Analysis of 8,717 Patients in New York State
Peter G. Brodeur, Jeremy E. Raducha, Devan D. Patel, Aristides I. Cruz Jr, and Joseph A. Gil


CURRENT CONCEPTS

- 266 Elbow Ulnar Collateral Ligament Injuries in Throwing Athletes: Diagnosis and Management
Max D. Gehrman and Louis C. Grandizio
 
- 274 CME Test Questions for "Elbow Ulnar Collateral Ligament Injuries in Throwing Athletes: Diagnosis and Management"

THE HAND SURGERY LANDSCAPE

- 275 Stress Shielding of Ligaments Using Nonabsorbable Suture Augmentation May Influence the Biology of Ligament Healing
Duc M. Nguyen, Christopher D. Murawski, Freddie H. Fu, and Robert A. Kaufmann
- 279 Implementation of Electronic Health Records During Global Outreach: A Necessary Next Step in Measuring and Improving Quality of Care
Lauren M. Shapiro and Robin N. Kamal

SCIENTIFIC ARTICLES

- 284 De Quervain Tenosynovitis: An Evaluation of the Epidemiology and Utility of Multiple Injections Using a National Database
Kareem Hassan, Andrew Sohn, Lewis Shi, Michael Lee, and Jennifer Moriatis Wolf

- 285 Traumatic Nondissociative Carpal Instability: A Case Series
Francois Loisel, Steven Orr, Mark Ross, Greg Couzens, Andrew J. Leo, and Scott Wolfe

- 286 A Simplified Modification of the Henderson Extensor Carpi Ulnaris Opposition Transfer
Neil Ford Jones, Alex James Doermann, and Daniel Donovan

- 287 Targeted Muscle Reinnervation in the Hand: A Technical Roadmap
Timothy P. Fowler


- 288 Muscle Hernias in the Upper Limb: Treatment and Literature Review
Mohamed Abdel hamid Ibrahim, Mohamed Said Abdel Maksoud M. Ismail, and Mona Taher Hassan Mohamed

- 289 Sonographic Location of Distal A1 Pulley by Means of a Bony Acoustic Landmark on the Proximal Phalanx: An Anatomic Study
Brian Jurbala and Troy Burbank

- 290 Two-Year Clinical and Radiographic Evaluation of Scheker Prosthesis (Aptis) Distal Radioulnar Joint Arthroplasty
Patrick Shea Brannan, William Alan Ward, Raymond Glenn Gaston, Robert Christopher Chadderdon, Julie C. Woodside, and Benjamin Connell

- 291 Traditional Versus Digital Media–Based Hand Therapy After Distal Radius Fracture
Taylor R. Lara, Ryland P. Kagan, Shannon L. Hiratzka, Austin R. Thompson, Omar F. Nazir, and Adam J. Mirarchi


CASE REPOSITORY

- 292 Surgical Excision of a Thrombosed Persistent Median Artery in a Professional Hockey Player
Joseph Sheridan, Gary Waslewski, and Donald Sheridan


- 293 Isolated Scaphoid Dislocation With Radial-Axial Instability: A Treatment Strategy Utilizing Spanning Wrist Plates

Rachel E. Hein, Tyler S. Pidgeon, Suhail K. Mithani, Christopher S. Klifto, David S. Ruch, and Marc J. Richard



SURGICAL TECHNIQUE

- 294 Long Arm Double Asymmetrical Sliding Flaps: A Technique to Treat Flexion Contractures of Digits

Gurdayal S. Kalra, Samarth Gupta, and Sushrut Kalra



LETTERS TO THE EDITOR

- e1 First Letter Regarding "Traditional Versus Digital Media–Based Hand Therapy After Distal Radius Fracture"
Brocha Z. Stern



- e3 Second Letter Regarding "Traditional Versus Digital Media–Based Hand Therapy After Distal Radius Fracture"

Corey McGee



- e5 Reply to "First and Second Letters Regarding "Traditional Versus Digital Media–Based Hand Therapy After Distal Radius Fracture""

Taylor R. Lara, Ryland P. Kagan, and Adam J. Mirarchi



ITEMS

A18 Journal CME Instructions

295 American Society for Surgery of the Hand

309 International Federation of Societies for Surgery of the Hand

A25 The Journal of Hand Surgery, European Volume, Table of Contents, February 2022

ABOUT THE COVER: The cover image shows radiographs of semiconstrained distal radioulnar joint arthroplasty immediately after surgery and 6 years after surgery. Note the collar resorption of the distal ulna. See the article by Brannan et al, "Two-Year Clinical and Radiographic Evaluation of Scheker Prosthesis (Aptis) Distal Radioulnar Joint Arthroplasty" on page 295.

Visit us online at <https://www.jhandsurg.org/authorinfo> to view Author Instructions for *The Journal of Hand Surgery*.

This journal is indexed in Index Medicus/MEDLINE and Current Contents Clinical Medicine.