

The Journal of Hand Surgery

An International Journal Devoted
to Surgery of the Upper Extremity

JANUARY 2022

VOLUME 47

NUMBER 1

jhandsurg.org

PRESIDENTIAL ADDRESS

- 1 Paradox
Kevin C. Chung

EDITORIAL

- 8 Evidence and Hand Surgeons
Brent Graham

EDITOR'S CHOICE

- 11 Utilization of Diagnostic Testing for Carpal Tunnel Syndrome: A Survey of the American Society for Surgery of the Hand
Jessica I. Billig and Erika D. Sears



- 19 The Value Added of Advanced Imaging in the Diagnosis and Treatment of Triangular Fibrocartilage Complex Pathology

Daniel J. Cunningham, Tyler S. Pidgeon, Eliana B. Saltzman, Richard C. Mather, and David S. Ruch



- 31 CME Test Questions for "The Value Added of Advanced Imaging in the Diagnosis and Treatment of Triangular Fibrocartilage Complex Pathology"

- 32 Systematic Review of Replant Salvage and Cost Utility Analysis of Inpatient Monitoring After Digit Replantation

Shady Elmaraghi, Jacqueline S. Israel, and Brian Gander



- 43 The Curtis Hand Injury Matrix Score: Determining the Need for Specialized Upper Extremity Care
Michael M. Shipp, Brian H. Cho, Kavya K. Sanghavi, Charles A. Daly, and Aviram M. Giladi



- 54 Evaluation of Risk Factors for Loss of Acceptable Alignment for Distal Radius Fractures That Are Nondisplaced or Minimally Displaced on Initial Presentation

Kimberly E. Souza, Patrick J. Kellam, Andrew R. Stephens, and Nikolas H. Kazmers

- 62 Efficacy of Hand Therapy After Volar Locking Plate Fixation of Distal Radius Fracture in Middle-Aged to Elderly Women: A Randomized Controlled Trial

Kazushige Gamo, Nanako Baba, Tomohiro Kakimoto, and Shigeyuki Kuratsu



CURRENT CONCEPTS

- 69 Sagittal Band Injuries: A Review and Modification of the Classification System

Brahman Sivakumar, David J. Graham, Mark Hile, and Richard Lawson



- 78 CME Test Questions for "Sagittal Band Injuries: A Review and Modification of the Classification System"

THE HAND SURGERY LANDSCAPE

- 79 A New Consideration for Corticosteroid Injections: Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Vaccination

Ian Powelson, Robert A. Kaufmann, Natasha M. Chida, and Jaimie T. Shores

ERRATUM

- 84 Erratum

SCIENTIFIC ARTICLE

- 85 Longitudinal Analysis of Circulating Markers of Bone Turnover Across Multiple Decades in Osteoporotic Women

Sean E. Slaven, Devaveena Dey, Bobby G. Yow, Kyle E. Nappo, Daniel L. Christensen, Daniel I. Brooks, Thomas A. Davis, Jonathan A. Forsberg, and Scott M. Tintle



- 86 Vascularized Ulnar Periosteal Pedicled Flap for Upper Extremity Reconstruction in Adults: A Prospective Case Series of 11 Patients

Sergi Barrera-Ochoa, Rita Sapage, Sergi Alabau-Rodriguez, Gerardo Mendez-Sanchez, Xavier Mir-Bullo, and Francisco Soldado



- 87 The Effect of Forearm Shortening on Forearm Range of Motion

Gonzalo Barinaga, Charles Rodriguez-Feo, Elizabeth Rasmussen, Scott Telfer, and Nicholas Iannuzzi



- 88 Gunshot-Related Upper Extremity Nerve Injuries at a Level 1 Trauma Center

Andrew J. Straszewski, Kathryn Schultz, Jason L. Dickherber, James S. Dahm, Jennifer Moriatis Wolf, and Jason A. Strelzow



- 89 Autologous Fibrin Glue Versus Microsuture in the Surgical Reconstruction of Peripheral Nerves: A Randomized Clinical Trial

Asser Sallam, Mohamed Eldeeb, and Noha Kamel



- 90 Arthrodesis Versus Arthroplasty in Thumb Carpometacarpal Osteoarthritis: Impact on Maximal Voluntary Force, Endurance, and Accuracy of Pinch

Alberto Piacenza, Debora Vittonetto, Mario Igor Rossello, and Marco Testa



- 91 Nerve Transfers for Restoration of Elbow Flexion in Patients With Acute Flaccid Myelitis

Remy V. Rabinovich, Paula A. Pino, Michael Aversano, Scott H. Kozin, and Dan A. Zlotolow



- 92 Can Generic Outcome Questionnaires Replace *QuickDASH* in Monitoring Clinical Outcome Following Surgical Treatment of Distal Radius Fractures?
Ola-Lars Hammer, Rune Bruhn Jakobsen, Jurate Šaltytė Benth, and Per-Henrik Randsborg



CASE REPOSITORY

- 93 Open Excision of Olecranon Melorheostosis to Relieve Elbow Extension Block
Abby Choke, Pankaj Chopra, Henry Soeharno, and Denny Tjiauw Tjeon Lie
- 94 Heterotopic Ossification After Revision Carpal Tunnel Release Causing Mixed Ulnar and Median Compression Neuropathy
Aditya V. Maheshwari, Karan Dua, Bradley Wham, Mohamed Kahila, Srinivas Kolla, and Michael A. Stracher



SURGICAL TECHNIQUE

- 95 Fourth Dorsal Interosseous Muscle Transfer to Treat an Abducted Little Finger
Shinsuke Morisaki, Shinji Tsuchida, Ryo Oda, Shogo Toyama, and Kenji Takahashi



ITEMS

- A14 Journal CME Instructions
- 96 American Society for Surgery of the Hand
- 110 The Journal of Hand Surgery, European Volume, Table of Contents, December 2021

ABOUT THE COVER: The cover image shows an anterograde vascularized ulnar periosteal pedicled flap showing the cambium layer. See the article by Barrera-Ochoa et al, "Vascularized Ulnar Periosteal Pedicled Flap for Upper Extremity Reconstruction in Adults: A Prospective Case Series of 11 Patients" on page 86.

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.