



2022 Hand Surgery: All References

Below you will find the topics and their accompanying references for the 2022 Hand Surgery Continuous Certification Assessment. **Diplomates are neither required nor expected to read all of these references before or during the completion of the assessment.** The Key References are marked with a yellow star★ below.

Please note that not all references will be free-to-access at this time. The American Board of Surgery is working to provide diplomates with improved access to articles in future years by communicating with publishers and rightsholders.

Acute Dislocations and Fracture Dislocations

- Bosmans B, Verhofstad MHJ, Gosens T. Traumatic thumb carpometacarpal joint dislocations. *J Hand Surg Am.* 2008;33(3):438-441. [PMID: [18343304](#)]
- ★ Carlsen BT, Moran SL. Thumb trauma: Bennett fractures, Rolando fractures, and ulnar collateral ligament injuries. *J Hand Surg Am.* 2009;34(5):945-952. [PMID: [1941100](#)]
- ★ Garcia-Elias M, Puig de la Bellacasa I, Schouten C. Carpal ligaments: A functional classification. *Hand Clin.* 2017;33(3):511-520. [PMID: [28673627](#)]
- Rivlin M, Fei W, Mudgal CS. Bennett fracture. *J Hand Surg Am.* 2015;40(8):1667-1668. [PMID: [26143965](#)]

Acute Nerve Injury

- ★ MacKay BJ, Cox CT, Valerio IL, et al. Evidence-based approach to timing of nerve surgery: A review. *Ann Plast Surg.* 2021;87(3):e1-e21. [PMID: [33833177](#)]
- ★ McLeod GJ, Peters BR, Quaife T, Clark TA, Giuffre JL. Anterior interosseous-to-ulnar motor nerve transfers: A single center's experience in restoring intrinsic hand function [published online ahead of print, 2020 Jul 22]. *Hand (N Y).* 2020;1558944720928482. [PMID: [32696669](#)]

Anatomy/Physiology

- Yang H, Gil Y, Kim S, Bang J, Choi H, Lee HY. From the brachial plexus to the hand, multiple connections between the median and ulnar nerves may serve as bypass routes for nerve fibres. *J Hand Surg Eur Vol.* 2016;41(6):648-656. [PMID: [26763269](#)]
- Ferrari GP, Gilbert A. The superficial anastomosis on the palm of the hand between the ulnar and median nerves. *J Hand Surg Br.* 1991;16(5):511-514. [PMID: [1791361](#)]



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- Roy J, Henry BM, Pękala PA, et al. Median and ulnar nerve anastomoses in the upper limb: A meta-analysis. *Muscle Nerve*. 2016;54(1):36-47. [PMID: [26599506](#)]
- ★ Martin SP, Schauer KT, Czynny JJ, Ablow RH. Electrophysiological findings in common median-ulnar nerve interconnections and their clinical implications. *J Hand Surg Am*. 2019;44(10):884-894. [PMID: [31272699](#)]

Benign

- ★ Shanks C, Schaeffer T, Falk DP, et al. The efficacy of nonsurgical and surgical interventions in the treatment of pediatric wrist ganglion cysts. *J Hand Surg Am*. 2022;47(4):341-347. [PMID: [35168830](#)]
- ★ Van Geertruyden J, Lorea P, Goldschmidt D, et al. Glomus tumours of the hand. A retrospective study of 51 cases. *J Hand Surg Br*. 1996;21(2):257-260. [PMID: [8732413](#)]

Compression Neuropathies

- ★ Brodeur PG, Raducha JE, Patel DD, Cruz AI, Gil JA. Cost drivers in carpal tunnel release surgery: An analysis of 8,717 patients in New York State. *J Hand Surg Am*. 2022;47(3):258-265.e1. [PMID: [34969540](#)]
- Dang AC, Rodner CM. Unusual compression neuropathies of the forearm, part I: Radial nerve. *J Hand Surg Am*. 2009;34(10):1906-1914. [PMID: [19969199](#)]
- ★ Naam NH, Nemani S. Radial tunnel syndrome. *Orthop Clin North Am*. 2012;43(4):529-536. [PMID: [23026469](#)]
- ★ Shubert DJ, Prud'homme J, Sraj S. Nerve conduction studies in surgical cubital tunnel syndrome patients. *Hand (N Y)*. 2021;16(2):170-173. [PMID: [30947553](#)]
- Urch EY, Model Z, Wolfe SW, Lee SK. Anatomical study of the surgical approaches to the radial tunnel. *J Hand Surg Am*. 2015;40(7):1416-1420. [PMID: [25899182](#)]

Congenital Hand

- Bae DS. Pediatric trigger thumb. *J Hand Surg Am*. 2008;33(7):1189-1191. [PMID: [18762117](#)]
- Kikuchi N, Ogino T. Incidence and development of trigger thumb in children. *J Hand Surg Am*. 2006;31(4):541-543. [PMID: [16632044](#)]



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- ★ Marek DJ, Fitoussi F, Bohn DC, Van Heest AE. Surgical release of the pediatric trigger thumb. *J Hand Surg Am*. 2011;36(4):647-652.e2. [PMID: [21463727](#)]
- Oda T, Pushman AG, Chung KC. Treatment of common congenital hand conditions. *Plast Reconstr Surg*. 2010;126(3):121e-133e. [PMID: [20811188](#)]
- Ogino T. Trigger thumb in children: current recommendations for treatment. *J Hand Surg Am*. 2008;33(6):982-984. [PMID: [18656777](#)]

Coverage

- Hallock GG, Morris SF. Skin grafts and local flaps. *Plast Reconstr Surg*. 2011;127(1):5e-22e. [PMID: [21200192](#)]
- ★ Brown E, Suh HP, Han HH, Pak CJ, Hong JP. Best new flaps and tips for success in microsurgery. *Plast Reconstr Surg*. 2020;146(6):796e-807e. [PMID: [33234979](#)]

Degenerative and Post-traumatic Arthritis

- ★ Adey L, Ring D, Jupiter JB. Health status after total wrist arthrodesis for posttraumatic arthritis. *J Hand Surg Am*. 2005;30(5):932-936. [PMID: [16182047](#)]
- Hastings H 2nd, Weiss AP, Quenzer D, Wiedeman GP, Hanington KR, Strickland JW. Arthrodesis of the wrist for post-traumatic disorders. *J Bone Joint Surg Am*. 1996;78(6):897-902. [PMID: [8666608](#)]
- ★ Ladd AL. The teleology of the thumb: On purpose and design. *J Hand Surg Am*. 2018;43(3):248-259. [PMID: [29502577](#)]
- Milone MT, Klifto CS, Catalano LW 3rd. Partial wrist denervation: The evidence behind a small fix for big problems. *J Hand Surg Am*. 2018;43(3):272-277. [PMID: [29502579](#)]
- Pickrell BB, Eberlin KR. Thumb basal joint arthritis. *Clin Plast Surg*. 2019;46(3):407-413. [PMID: [31103085](#)]
- ★ Richards T, Ingham L, Russell I, Newington D. The long-term results of proximal interphalangeal joint arthroplasty of the osteoarthritic index finger. *Hand (N Y)*. 2022;17(2):266-270. [PMID: [32452216](#)]
- Shiga SA, Werner FW, Garcia-Elias M, Harley BJ. Biomechanical analysis of palmar midcarpal instability and treatment by partial wrist arthrodesis. *J Hand Surg Am*. 2018;43(4):331-338.e2. [PMID: [29146508](#)]



2022 Hand Surgery: All References

- Trost JG, Gimenez A, Staines KG, Netscher DT. Update on thumb basal joint arthritis surgery. *Plast Reconstr Surg.* 2021;148(5):811e-824e. [PMID: [34705791](#)]

Distal Radius Fracture

- Brogan DM, Ruch DS. Distal radius fractures in the elderly. *J Hand Surg Am.* 2015;40(6):1217-1219. [PMID: [25721240](#)]
- ★ Chen Y, Chen X, Li Z, Yan H, Zhou F, Gao W. Safety and efficacy of operative versus nonsurgical management of distal radius fractures in elderly patients: A systematic review and meta-analysis. *J Hand Surg Am.* 2016;41(3):404-413. [PMID: [26810824](#)]
- Deune EG. A prospective randomized study with no clinically important differences in closed vs open treatment for distal radius fracture in elderly individuals. *JAMA Surg.* 2021;156(3):237-238. [PMID: [33439222](#)]
- Li S, Wang H, Su B, et al. Impact of ulnar styloid fractures on the treatment effect of distal radius fractures with volar plate fixation: A case control study. *Indian J Orthop.* 2020;54(1):75-82. [PMID: [32211129](#)]
- Jupiter JB. Commentary: The effect of ulnar styloid fractures on patient-rated outcomes after volar locking plating of distal radius fractures. *J Hand Surg Am.* 2009;34(9):1603-1604. [PMID: [19896005](#)]
- Lutz K, Yeoh KM, MacDermid JC, Symonette C, Grewal R. Complications associated with operative versus nonsurgical treatment of distal radius fractures in patients aged 65 years and older. *J Hand Surg Am.* 2014;39(7):1280-1286. [PMID: [24881899](#)]
- Orbay JL, Fernandez DL. Volar fixation for dorsally displaced fractures of the distal radius: A preliminary report. *J Hand Surg Am.* 2002;27(2):205-215. [PMID: [11901379](#)]
- ★ Sammer DM, Shah HM, Shauver MJ, Chung KC. The effect of ulnar styloid fractures on patient-rated outcomes after volar locking plating of distal radius fractures. *J Hand Surg Am.* 2009;34(9):1595-1602. [PMID: [19896004](#)]

Dupuytren Disease/Contracture

- ★ Abe Y. Comparison of treatment outcomes after collagenase injection and percutaneous needle fasciotomy for Dupuytren's contracture: Objective and subjective comparisons with a 3-year follow-up. *Plast Reconstr Surg.* 2020;145(6):1464-1474. [PMID: [32459776](#)]



2022 Hand Surgery: All References

- Denkler KA, Park KM, Alser O. Treatment options for Dupuytren's disease: Tips and tricks. *Plast Reconstr Surg Glob Open*. 2022;10(1):e4046. [PMID: [35186619](#)]
- ★ Eaton C. Percutaneous fasciotomy for Dupuytren's contracture. *J Hand Surg Am*. 2011;36(5):910-915. [PMID: [21527145](#)]
- Eaton C: Dupuytren's Contracture. In: Wolfe SW, Pederson WC, Kozin SH, Cohen MS, eds. *Green's Operative Hand Surgery*. 7th ed. Elsevier/Churchill Livingstone, 2016:135-137.
- Holland AJ, McGrouther DA. Dupuytren's disease and the relationship between the transverse and longitudinal fibers of the palmar fascia: A dissection study. *Clin Anat*. 1997;10(2):97-103. [PMID: [9058016](#)]
- Mella JR, Guo L, Hung V. Dupuytren's contracture: An evidence based review. *Ann Plast Surg*. 2018;81(6S Suppl 1):S97-S101. [PMID: [30161050](#)]

Extensor Tendon Injuries/Reconstruction

- Inoue G, Tamura Y. Dislocation of the extensor tendons over the metacarpophalangeal joints. *J Hand Surg Am*. 1996;21(3):464-469. [PMID: [8724481](#)]
- Watson HK, Weinzwieg J, Guidera PM. Sagittal band reconstruction. *J Hand Surg Am*. 1997;22(3):452-456. [PMID: [9195454](#)]
- Kleinhenz BP, Adams BD. Closed sagittal band injury of the metacarpophalangeal joint. *J Am Acad Orthop Surg*. 2015;23(7):415-423. [PMID: [26111875](#)]
- ★ Rayan GM, Murray D. Classification and treatment of closed sagittal band injuries. *J Hand Surg Am*. 1994;19(4):590-594. [PMID: [7963312](#)]

Fingertip/Nail Bed Trauma

- ★ Abzug JM, Kozin SH. Seymour fractures. *J Hand Surg Am*. 2013;38(11):2267-2270. [PMID: [24206995](#)]
- Krusche-Mandl I, Kottstorfer J, Thalhammer G, Aldrian S, Erhart J, Platzer P. Seymour fractures: Retrospective analysis and therapeutic considerations. *J Hand Surg Am*. 2013;38(2):258-264. [PMID: [23351909](#)]
- Lankachandra M, Wells C, Cheng C, Hutchinson R. Complications of distal phalanx fractures in children. *J Hand Surg Am*. 2017;42(7):574.e1-574.e6. [PMID: [28465015](#)]



2022 Hand Surgery: All References

- Melone CP Jr, Beasley RW, Carstens JH Jr. The thenar flap--an analysis of its use in 150 cases. *J Hand Surg Am.* 1982;7(3):291-297. [PMID: [7086099](#)]
- Polatsch DB, Rabinovich RV, Beldner S. The double thenar flap: A technique to reconstruct 2 fingertip amputations simultaneously. *J Hand Surg Am.* 2017;42(5):396.e1-396.e5. [PMID: [28365145](#)]
- ★ Rinker B. Fingertip reconstruction with the laterally based thenar flap: Indications and long-term functional results. *Hand (N Y).* 2006;1(1):2-8. [PMID: [18780036](#)]
- Thanik V, Shah A, Chiu D. A technique for tripartite reconstruction of fingertip injuries using the thenar flap with bone and nail bed grafts. *J Hand Surg Am.* 2017;42(12):1040.e1-1040.e7. [PMID: [29198319](#)]

Flexor Tendon Injuries/Reconstruction

- ★ Bollard SM, Kelly B, McDermott C, Potter S. The use of point-of-care ultrasound in hand surgery. *J Hand Surg Am.* 2021;46(7):602-607. [PMID: [33832787](#)]
- Freilich A, Chhabra A. Secondary flexor tendon reconstruction, a review. *J Hand Surg Am.* 2007;32(9):1436-1442. [PMID: [17996781](#)]
- ★ Griffin JW, Chhabra AB. Complications after volar plating of distal radius fractures. *J Hand Surg Am.* 2014;39(6):1183-1186. [PMID: [24810935](#)]
- Ihnatsenka B, Boezaart AP. Ultrasound: basic understanding and learning the language. *Int J Shoulder Surg.* 2010;4(3):55-62. [PMID: [21472065](#)]
- Kitay A, Swanstrom M, Schreiber JJ, et al. Volar plate position and flexor tendon rupture following distal radius fracture fixation. *J Hand Surg Am.* 2013;38(6):1091-1096. [PMID: [23647641](#)]
- Limthongthang R, Bachoura A, Jacoby SM, Osterman AL. Distal radius volar locking plate design and associated vulnerability of the flexor pollicis longus. *J Hand Surg Am.* 2014;39(5):852-860. [PMID: [24630941](#)]
- Madani A, Créteur V, Bianchi S. Atlas of sonographic anatomy of the hand and wrist. *Hand Clin.* 2022;38(1):1-17. [PMID: [34802601](#)]
- Paksima N, Besh BR. Intrinsic contractures of the hand. *Hand Clin.* 2012;28(1):81-86. [PMID: [22117926](#)]



2022 Hand Surgery: All References

- Wall L, Brodt M, Silva M, Boyer M, Calfee R. The effects of screw length on stability of simulated osteoporotic distal radius fractures fixed with volar locking plates. *J Hand Surg Am.* 2012;37(3):446-453. [PMID: [22305729](#)]
- ★ Wang K, McGlenn E, Chung K. A biomechanical and evolutionary perspective on the function of the lumbrical muscle. *J Hand Surg Am.* 2014;39(1):149-155. [PMID: [24369943](#)]
- Wilson R, Carter M, Holdeman V, Lovett W. Flexor profundus injuries treated with delayed two-staged tendon grafting. *J Hand Surg Am.* 1980;5(1):74-78. [PMID: [7365221](#)]

General Principles/Other

- Sandvall BK, Keys KA, Friedrich JB. Severe hand injuries from fireworks: Injury patterns, outcomes, and fireworks types. *J Hand Surg Am.* 2017;42(5):385.e1-385.e8. [PMID: [28341070](#)]
- Saucedo JM, Vedder NB. Firework-related injuries of the hand. *J Hand Surg Am.* 2015;40(2):383-387. [PMID: [25443164](#)]
- ★ Rivedal DD, Coon C, Sanger JR, Hettinger P. Blast injury to the hand: Assessing the injury pattern and functional outcome of the thumb. *Plast Reconstr Surg Glob Open.* 2021;9(9):e3767. [PMID: [34584822](#)]

Hand Fracture

- Carlson MG, Warner KK, Meyers KN, Hearn KA, Kok PL. Anatomy of the thumb metacarpophalangeal ulnar and radial collateral ligaments. *J Hand Surg Am.* 2012;37(10):2021-2026. [PMID: [22939823](#)]
- ★ Eberlin KR, Chang J, Curtin CM, Sammer DM, Saint-Cyr M, Taghinia AH. Soft-tissue coverage of the hand: A case-based approach. *Plast Reconstr Surg.* 2014;133(1):91-101. [PMID: [24105089](#)]
- ★ Jan D, Frédéric VC, Luc S. Case report: Oblique fracture of the ulnar sesamoid bone of the metacarpophalangeal joint, a rare pathology. *J Orthop Case Rep.* 2017;7(2):29-32. [PMID: [28819597](#)]
- ★ Martínez-Catalán N, Pajares S, Llanos L, Mahillo I, Calvo E. A prospective randomized trial comparing the functional results of buddy taping versus closed reduction and cast immobilization in patients with fifth metacarpal neck fractures. *J Hand Surg Am.* 2020;45(12):1134-1140. [PMID: [32718787](#)]



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- Patel MR, Pearlman HS, Bassini L, Ravich S. Fractures of the sesamoid bones of the thumb. *J Hand Surg Am.* 1990;15(5):776-781. [PMID: [2229978](#)]
- Rhee PC, Jones DB, Kakar S. Management of thumb metacarpophalangeal ulnar collateral ligament injuries. *J Bone Joint Surg Am.* 2012;94(21):2005-2012. [PMID: [23138242](#)]

Infection

- Honda H, McDonald JR. Current recommendations in the management of osteomyelitis of the hand and wrist. *J Hand Surg Am.* 2009;34(6):1135-1136. [PMID: [19481358](#)]
- Skeete K, Hess EP, Clark T, Moran S, Kakar S, Rizzo M. Epidemiology of suspected wrist joint infection versus inflammation. *J Hand Surg Am.* 2011;36(3):469-474. [PMID: [21186086](#)]
- ★ Warnick E, Ilyas AM. Prophylactic antibiotics prior to hand surgery in patients with prosthetic joints. *Hand (N Y).* 2022;17(2):298-301. [PMID: [32447999](#)]
- ★ Wyman M, Dargan D, Kazzazi D, Caddick J, Giblin V. Serum inflammatory markers and amputations in hand osteomyelitis: A retrospective review of 146 cases. Published online February 8, 2022. *Hand (N Y).* 2022;15589447211066346. [PMID: [35130740](#)]

Inflammatory Arthritis

- ★ Hresko AM, Got CJ, Gil JA. Perioperative management of immunosuppressive medications for rheumatoid arthritis. *J Hand Surg Am.* 2022;47(4):370-378. [PMID: [35184919](#)]

Ligament Injury/Instability

- ★ Dy CJ, Tucker SM, Kok PL, Hearn KA, Carlson MG. Anatomy of the radial collateral ligament of the index metacarpophalangeal joint. *J Hand Surg Am.* 2013;38(1):124-128. [PMID: [23200946](#)]
- ★ Shapiro LM, Yao J. Triangular fibrocartilage complex repair/reconstruction. *Hand Clin.* 2021;37(4):493-505. [PMID: [34602129](#)]

Pain Management

- ★ Fowler TP. Targeted muscle reinnervation in the hand: A technical roadmap. *J Hand Surg Am.* 2022;47(3):287.e1-287.e8. [PMID: [34119368](#)]



2022 Hand Surgery: All References

- Daugherty THF, Mailey BA, Bueno RA Jr, Neumeister MW. Targeted muscle reinnervation in the hand: An anatomical feasibility study for neuroma treatment and prevention. *J Hand Surg Am.* 2020;45(9):802-812. [PMID: [32732083](#)]

Revascularization/Replantation

- Abzug JM, Herman MJ. Management of supracondylar humerus fractures in children: current concepts. *J Am Acad Orthop Surg.* 2012;20(2):69-77. [PMID: [22302444](#)]
- Kim TJ, Sponseller PD. Pediatric supracondylar humerus fractures. *J Hand Surg Am.* 2014;39(11):2308-2311. [PMID: [25135251](#)]
- ★ Shah AS, Waters PM, Bae DS. Treatment of the "pink pulseless hand" in pediatric supracondylar humerus fractures. *J Hand Surg Am.* 2013;38(7):1399-1403. [PMID: [23790425](#)]

Skin Tumors

- ★ Cochran AM, Buchanan PJ, Bueno RA Jr, Neumeister MW. Subungual melanoma: A review of current treatment. *Plast Reconstr Surg.* 2014;134(2):259-273. [PMID: [25068326](#)]
- English C, Hammert WC. Cutaneous malignancies of the upper extremity. *J Hand Surg Am.* 2012;37(2):367-377. [PMID: [22281171](#)]
- Henderson MM, Neumeister MW, Bueno RA Jr. Hand tumors: I. Skin and soft-tissue tumors of the hand. *Plast Reconstr Surg.* 2014;133(2):154e-164e. [PMID: [24469186](#)]
- Knackstedt T, Knackstedt RW, Couto R, Gastman B. Malignant melanoma: Diagnostic and management update. *Plast Reconstr Surg.* 2018;142(2):202e-216e. [PMID: [30045186](#)]
- Pavri SN, Clune J, Ariyan S, Narayan D. Malignant melanoma: Beyond the basics. *Plast Reconstr Surg.* 2016;138(2):330e-340e. [PMID: [27465194](#)]

Tendinosis/Tendinopathies

- ★ Hassan K, Sohn A, Shi L, Lee M, Wolf JM. De Quervain tenosynovitis: An evaluation of the epidemiology and utility of multiple injections using a national database. *J Hand Surg Am.* 2022;47(3):284.e1-284.e6. [PMID: [34147317](#)]

Thrombosis/Embolism/Aneurysm



2022 Hand Surgery: All References

- ★ Endress RD, Johnson CH, Bishop AT, Shin AY. Hypothenar hammer syndrome: Long-term results of vascular reconstruction. *J Hand Surg Am.* 2015;40(4):660-665.e2. [PMID: [25746144](#)]
- Higgins JP, McClinton MA. Vascular insufficiency of the upper extremity. *J Hand Surg Am.* 2010;35(9):1545-1553. [PMID: [20807633](#)]

Vascular Malformations

- Fornage BD. Glomus tumors in the fingers: Diagnosis with US. *Radiology.* 1988;167(1):183-185. [PMID: [2831563](#)]
- Jablon M, Horowitz A, Bernstein DA. Magnetic resonance imaging of a glomus tumor of the fingertip. *J Hand Surg Am.* 1990;15(3):507-509. [PMID: [2161442](#)]
- ★ Matloub HS, Muoneke VM, Prevel CD, Sanger JR, Yousif NJ. Glomus tumor imaging: Use of MRI for localization of occult lesions. *J Hand Surg Am.* 1992;17(3):472-475. [PMID: [1319436](#)]
- Netscher DT, Aburto J, Koeplinger M. Subungual glomus tumor. *J Hand Surg Am.* 2012;37(4):821-824. [PMID: [22192165](#)]