

Mark F. Hendrickson, M.D.
Curriculum Vitae

PERSONAL DATA

Office Address: Dermatology and Plastic Surgery Institute
Cleveland Clinic
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Cleveland, OH 44195
216-444-2610
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Languages: English
Spanish

Education: 1981-1985 Georgetown University School of Medicine
Washington, D.C.
M.D.

1980-1981 Georgetown University School of Medicine
Washington, D.C.
M.S. Physiology

1975-1980 Vanderbilt University, College of Arts and Sciences
Nashville
B.S. Molecular Biology, cum laude

Surgical Residency and Fellowship:

- 1994-1995 Fellow, Hand Surgery, The Curtis Hand Center
Union Memorial Hospital, Baltimore
- 1991-1994 Fellow, Plastic and Reconstructive Surgery,
The Johns Hopkins Medical Institution,
University of Maryland Combined Program, Baltimore
- 1992-1993 Residency in Craniofacial and Microvascular Surgery,
MIEMS, Shock Trauma Center, Baltimore
- 1993-1994 Second year fellowship in Maxillofacial Surgery, MIEMS,
Shock Trauma Center, Baltimore
- 1990-1991 Research Fellow, Plastic and Reconstructive Surgery,
The Johns Hopkins Medical Institution, Baltimore
- 1985-1990 Resident in General Surgery, Tulane University
Affiliated Hospitals, New Orleans

Board Certification:

Diplomate, American Board of Plastic Surgery
November 8, 1997- December 31, 2007
Number 5202

Diplomate, American Board of Surgery
November 1994- July 1, 2005
Number 39704

Member, American Society for Surgery of the Hand
November 2000

Certificate of Added Qualification, Hand Surgery,
American Board of Surgery
August 25, 1997- July 1, 2008
Number 248

Licensure:

State of Ohio- Ohio 35-06-9043-H

Washington, D.C.- 18633, inactive

Maryland- D40735, inactive

Louisiana- 018633, inactive

Advanced Trauma Life Support, Instructor, inactive

Advanced Pediatric Life Support, Instructor, inactive

Advanced Cardiac Life Support, Provider, inactive

Faculty Appointments:

2006- Division of Surgery Leadership Training Program, Cleveland Clinic, Ohio

2005- Coding and Physician Reimbursement Committee, ASSH

1998- Quality Assurance Officer, Department of Plastic and Reconstructive Surgery, Cleveland Clinic, Ohio

1998- Director, Replantation/Revascularization Team, Cleveland Clinic, Ohio

1998- Director, 3M Agee Endoscopic Carpal Tunnel Release Technique, Resident/Fellow and Regional Site, Cleveland Clinic, Ohio

1998 - Chief, Section of Hand and Upper Extremity Surgery, Department of Plastic and Reconstructive Surgery, Section of Hand and Upper Extremity Surgery, Cleveland Clinic, Ohio

1998 - Staff Surgeon, Hand and Upper Extremity Center, Lutheran Hospital, Ohio

1995 - Staff Surgeon, Department of Plastic and Reconstructive Surgery, Section of Hand and Upper Extremity Surgery, Cleveland Clinic, Ohio

- 1995 - Attending Surgeon, The Cleveland Combined Hand Fellowship, The Hand and Upper Extremity Center, Cleveland Clinic, Ohio
- 1994-95 Attending Surgeon, The Raymond Curtis Hand Center, The Union Memorial Hospital, Baltimore
- 1994-95 Instructor, Plastic, Reconstructive, and Maxillofacial Surgery, The Johns Hopkins Hospital, Baltimore
- 1981-82 Clinical Research Assistant, Laboratory of Tumor Cell Biology, NCI, NIH, Bethesda: Flow cytometric fractionation of human chromosomes for localization of HTLV-III
- 1979-81 Clinical Research Assistant, Laboratory of Clinical Pharmacology, NCI, NIH, Bethesda: Oxygen radical toxicity generated by anthracycline-metal complexes

Society Memberships:

- Academy of Medicine, Cleveland
- American Association for the Advancement of Science
- American College of Surgeons, Associate Fellow
- American Medical Association
- American Society of Plastic and Reconstructive Surgery
- American Society for Surgery of the Hand, Candidate
- Louisiana State Medical Society
- MacSciTech
- Northeastern Ohio Society of Plastic and Reconstructive Surgeons
- Northeastern Ohio Pediatrics Society
- Ohio State Medical Society
- Ohio Valley Society for Plastic and Reconstructive Surgeons

Southeastern Surgical Congress

Southern Medical Association

Tulane Surgical Society

Awards and Honors:

Surgical Intern of the Year, 1986

Second Year Surgical Resident of the Year, 1987

Fourth Year Surgical Resident of the Year 1989

Times-Picayune feature article on marriage in medicine,
March 28, 1989

Graduation speaker, Charity Hospital of New Orleans, School
Of Surgical Nursing, January 20, 1989

Chief Surgical Resident of the Year 1990

Washington Post Health Magazine article on repetitive work
injuries featuring A. Lee Dellon, M.D., June 1993

Baltimore TV WJZ interview on hand injuries associated with
car bombs, November 1994

Ohio Surgeon of the Year, Ohio Association of Occupational
Therapy, 1998

Recipient of the Bruce Hubbard Stewart Award 2008

National and Cleveland TV, toe to hand transfer for ectrodactyly

Publications:

1. Myers, C.E., Simone, C., Gianni, L., Greene, R., Klecker, R., and Hendrickson, M.F.: The role of doxorubicin-iron complex in superoxide production and membrane damage. *Proceedings of the American Association for Cancer Research.* 22:20-28, 1981.
2. Frame, S.B. and Hendrickson, M.F.: Pediatric cervical spine injuries. *Emergency Medicine.* 19(19): 47-51, 1987.
3. Akers, D.L., Hendrickson, M.F., Markowitz, I.P., and Kerstein, M.D.: Volvulus of an appendiceal mucocele presenting as a small bowel obstruction. *Jour. La. State Med. Society,* 140:29-33, 1988.
4. Frame, S.B., Hendrickson, M.F., Timberlake, G.A., Kerstein, M. D., Money, M. K., Akers, D. L., and McSwain, N.E.: Transtracheal needle catheter ventilation in complete airway obstruction—an animal model. *Annals of Emergency Medicine* 18(2):127-133, February 1989.
5. Frame, S. B., Hendrickson, M.F., Boozer, A. G., and McSwain, N. E., Dehiscence with evisceration: a rare complication of diagnostic peritoneal lavage. *Journal of Emergency Medicine* 7(6):599-602, Nov-Dec 1989.
6. Light, J. T., Jr., Hendrickson, M. F., Sholes, W. M., Portnoy, D. A., Bell, W. H., 3d., Kerstein, M.D., Acute aortic occlusion secondary to *Aspergillus* endocarditis in an intravenous drug abuser. *Annals of Vascular Surgery* 5(3):271-5, May 1991.
7. Dellon, A. Lee, Dellon, E. S., Tassler, P. L., Ellefson, R. D. Hendrickson, M. F., and Francel, T. J.: Experimental Model of Pyridoxine (B6) Deficiency- Induced Neuropathy, accepted *Experimental Neurology*, 1994.
8. Chang, E., Dellon, A. Lee, Dellon, E. S., and Hendrickson, M. F.: Experimental Model of Colchicine Neuropathy, accepted *Journal of Reconstructive Microsurgery*, 1994.
9. Hendrickson, M. F., Clark, N., Manson, P. N., Yaremchuk, M., Robertson, B., Slezak, S., Crawley, W., and Vander Kolk, C., Palatal Fractures: Classification, Patterns, and Treatment with Rigid Internal Fixation, *Plastic and Reconstructive Surgery*, March, 101(2): 319-332, 1998.

10. Dumanian GA, Segalman K, Mispireta LA, Walsh JA, Hendrickson MF, Wilgis EF, Radial Artery use in bypass grafting does not change digital blood flow or hand function, *Annals of Thoracic Surgery*, 65(5):1284-7, 1998 May.
11. Dumanian, G. A., Segalman, K., Buehner, J. W., Koontz, C. L., Hendrickson, M. F., and Wilgis, E. F. Shaw, Analysis of Digital Pulse-Volume Recordings with Radial and Ulnar Artery Compression, *Plastic and Reconstructive Surgery*, 102(6):1993-8, 1998 Nov.
12. Dellon AL, Dellon ES, Tassler PL, Ellefson RD, Hendrickson M, Experimental model of pyridoxine (B6) deficiency-induced neuropathy, *Annals of Plastic Surgery*, 47(2):153-60, 2001 Aug.
13. Chang E. Dellon AL, Dellon ES, Hendrickson MF, Developing a model of colchicine neuropathy, *Microsurgery*, 22(2):46-8, 2002.
14. Hand and Lower Extremity Section, Plastic Surgery Educational Foundation, In-Service Examination 2002, author and editor.
15. Abstract: Outcome of carpal tunnel surgery in the elderly. American Association of Hand Surgery Annual Meeting, 2003.
16. Repetitive Work Injuries, RMP Magazine, Cleveland Clinic Foundation, Fall, 2003.
17. Dog Bite Injuries, RMP Magazine, Cleveland Clinic Foundation, Fall, 2003.
18. Abstract: MP Joint Replacement, American Society for Surgery of the Hand Annual Meeting, September, 2004.
19. Hand and Lower Extremity Section, Plastic Surgery Educational Foundation, In-Service Examination 2004, author and editor.
20. Transcutaneous and Peripheral Nerve Stimulation chapter, *Pain Research and Clinical Management*, Volume 15.
21. Stanton-Hicks M., Rauck R, Hendrickson M. F., Racz G, Miscellaneous and Experimental Therapies. IN: Peter Wilson, Michael Stanton-Hicks and R. Norman Harden (eds.): *CRPS: Current diagnosis and therapy*. Vol. 32, IASP Press, Seattle, 2005, Chapter 16, pp 255-274.

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22. Hand and Lower Extremity Section, Plastic Surgery Educational Foundation, American Society of Plastic Surgeons Annual In-Service Examination 2005, author and editor, 2005
23. Hand and Lower Extremity Section, Plastic Surgery Educational Foundation, American Society of Plastic Surgeons Annual In-Service Examination 2006, author and editor, 2006
24. Siemionow, M., Papay, F., Kulahci, Djohan, R., Hammert, W., Hendrickson, M., and Zins, J., Coronal-Posterior Approach for Face/Scalp Flap Harvesting in Preparation for Face Transplantation, Journal of Reconstructive Microsurgery, Vol. 22, No.6, 2006
25. Hand and Lower Extremity Section, Plastic Surgery Educational Foundation, American Society of Plastic Surgeons Annual In-Service Examination 2007, author and editor, 2007
26. Gordon C, Pryor L, Afifi A, Gatherwright JR, Evans PJ, Hendrickson MF, Bernard S, Zins JE: Hand surgery volume and the U.S. economy: Is there a statistical correlation? Ann Plast Surg. Vol.65(5):471, November 2010. (Epub October 2010)

Presentations:

1. General Surgery Grand Rounds, The Johns Hopkins Hospital, Frontobasilar Trauma, December 1993.
2. Carpal Tunnel & Other Hand Disorders, Health Talks at the Independence Civic Center, Independence, October 16, 1996.
3. Medical Management of Industrial Accidents, Cost Effective return to Work, The Cleveland Clinic Foundation, September 26, 1996 Industrial Accidents, The Ohio Association of Emergency Medical Services, Cleveland, June 29, 1996.
4. The Agee Endoscopic Carpal Tunnel Release Technique Experience at the Cleveland Clinic, 39th Annual meeting of the Ohio Valley Society for Plastic and Reconstructive Surgery, Cleveland, June 8, 1996.
5. Congenital Hand, Hand Infections, Hand Burns and Coverage, Core Curriculum, Department of Orthopaedic Surgery, Cleveland Clinic, 1996-1997 and 1998-1999
6. The Osler Institute, General Surgery Written Board Review, 1995 and 1996, General Surgery Oral Board Review, 1996, Plastic Surgery Board Review, 1996, Plastic Surgery Oral Board Review, 1997, Hand Surgery Board Review, 1995, 1996 and 1997.

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7. Flexor Tendon, Extensor Tendon, Peripheral Nerve Biology and Injury, Peripheral Nerve Compression, Department of Orthopaedic Surgery, Cleveland Clinic 1995-1996.
8. Upper Extremity Embryology, Congenital Hand, Flexor Tendon, Extensor Tendon, and Dupuytren's Disease, Core Curriculum Lecture, Department of Plastic and Reconstructive Surgery resident and fellow conference, Cleveland Clinic, 1995-1996, 1996-1997, and 1997-1998.
9. Hand Fractures and Dislocations and Fingertip/Nailbed Injuries; Primary Care of Minor Injuries of the Hand, Cleveland Clinic, June 1, 1996.
10. Discusser: Subungual Melanoma, A Review of 76 Cases with Identification of Prognosis Variables, American Society for Surgery of the Hand, Annual Residents and Fellows meeting, San Francisco, September 12, 1995.
11. Wound VAC, KCI, Akron, November, 2002
12. Upper and Lower Extremity Update, Residents Review Courses, ASPS, November 2002.
13. Common Hand Problems, Diagnosis and Management, Lutheran Hospital, January 2003.
14. Hand Injuries, Fairview Hospital Conference for Family Practice Physicians, May 2003.
15. Minute with Fred TV 3, Nerve Compression, June 2003.
16. Peripheral Nerve Stimulation in CRPS, ISAP, August 2003.
17. Wound VAC, KCI, Cleveland, OH, June 2003.
18. Wound VAC, KCI, Cleveland, OH, January 2004.
19. 15 Minute with Fred TV 3, Arthritis, March 2004.
20. Coding and Billing in Plastic Surgery, May 2004.
21. Fifth Annual Cleveland Clinic Orthopaedic Conference, Muscle Flaps/Skin Grafts, April, 2005
22. 3rd Annual Cleveland Combined Hand Fellowship Symposium Duncan Lecture, May 2005

23. Lutheran Hospital Community Outreach “Healthy Happenings”, Common Hand Problems in the Elderly, July 2005
24. Doctors Demystify the Wrist-for Allied Health Professionals, Cross Sectional Anatomy/SLAC Wrist, Cleveland Clinic, April 2006
25. New Technology in Upper Extremity Surgery: The Cutting Edge-Surgical Nerve Pain, Lutheran Hospital, Cleveland, June 2006
26. American College of Surgeons Scientific Exhibition, Clinical Congress, “Management of Abdominal Wall Hernias in Patients Bridged to Heart Transplantation with a Ventricular Assist Device”, Chicago, IL, October 2006
27. Doctors Demystify the Thumb, Cross Sectional Anatomy of the Thumb and Thumb Replantation, Cleveland Clinic, April 2007
28. Pain Management and Procedural Sedation, Nerve Blocks of Upper Extremities: Hand, Wrist, Forearm and Upper Arm, Cleveland Clinic, May 2007
29. Fifth Annual Cleveland Combined Hand Fellowship Grand Rounds Hand Surgery in Cleveland-Past, Present, Future 2007, “Flexor Tendon Rehabilitation-Identifying Pitfalls”, May 2007
30. Lutheran Hospital in Joint Sponsorship with Cleveland Clinic New Technology in Upper Extremity Surgery: The Cutting Edge, “Nerve Injury and Repair”, May 2007
31. XI Congress of Polish Society of Plastic, Reconstructive and Aesthetic Surgery, “Surgical Management of Complex Cardiac Surgery Infection”, Bydgoszcz, Poland, September 21, 2007
32. XI Congress of Polish Society of Plastic, Reconstructive and Aesthetic Surgery, “Modified Agee Endoscopic Carpal Tunnel Release Technique and Outcome”, Bydgoszcz, Poland, September 21, 2007
33. Doctors Demystify for Allied Health Professionals, The Elbow: Compression/Traction Neuropathies, Cleveland Clinic, April 2008
34. Doctors Demystify for Allied Health Professionals, Upper Extremity Nerves: Laceration, Repair, Grafting, Nerve Transfers, Neurotization, Cleveland Clinic, May 2009
35. New Technology in Upper Extremity: The Cutting Edge-Capitate Resurfacing for SNAC/SLAC Wrist, Lutheran Hospital, Cleveland, June 2009

36. Department of Orthopaedic Surgery Academic Day, Hand Infections, Cleveland Clinic, October 20, 2009
37. Doctors Demystify for Allied Health Professional, The Finger Joints: Infections, Cleveland Clinic, October 2012

Courses:

1. Ohio Valley Society of Plastic and Reconstructive Surgeons Annual Meeting; Scientific Committee. Nemaquin Woodlands, June 11-14, 1998.
2. Physician Executive Institute, Fall 1996, Health Systems Management Center, Weatherhead School of Management and School of Medicine, The Case Western Reserve University.
3. 1996-1997 Executive Program in Practice Management, Office of Practice Management, Cleveland Clinic.
4. Weekly Hand and Microsurgery Conference, Department of Plastic and Reconstructive Surgery, Cleveland Clinic.
5. Monthly Plastic Surgery Fellowship Journal Club.
6. Holmium-YAG laser in wrist arthroscopy, Cleveland Clinic, 1997
7. Ultrasonic Assisted Liposuction, Department of Plastic and Reconstructive Surgery, Cleveland Clinic Florida, March 8-9, 1997.
8. Primary Care of Hand Injuries for Emergency Room and Primary Care Physicians, Course Faculty, Cleveland Clinic, Cleveland, 1996
9. Laboratory Director, Endoscopic Carpal Tunnel Release and Upper Extremity Bone Fixation, 39th Annual Meeting of the Ohio Valley Society for Plastic and Reconstructive Surgery, Cleveland, June 9, 1996.
10. Instructor, Agee Endoscopic Carpal Tunnel Release Technique: America Academy of Orthopaedic Surgery, Atlanta, February 22-26, 1996; Department of Plastic and Reconstructive Surgery, Temple University, July 12, 1997.
11. Course Director, 3M Agee Endoscopic Carpal Tunnel Release Technique, Cleveland Clinic, January 20, 1996.
12. Lecturer, Department of Emergency Medicine, The John Hopkins Hospital, 1992-1994,
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- Baltimore. Baker, Gordon, & Stuzin, Cosmetic Surgery Symposium, February 3-5, 1994
Miami.
13. ASMS Basic Course, August 1991, MIEMS, Baltimore.
 14. AO/ASIF Basic Course, November 1991, Naples, Florida.
 15. Microvascular surgery training, Plastic Surgery, Tulane University Medical Center, 1986.
 16. Ascension MCP/PIP Training Workshop, Ascension Orthopaedics Inc., Cleveland Clinic, June 2002.
 17. Taught: Upper and Lower Extremity Update, Resident Review course, American Society of Plastic Surgeons, November 2, 2002
 18. Taught: Common Hand Problems, Diagnosis and Management, Lutheran Hospital, January 22, 2003
 19. Organized: Microaire Endoscopic Carpal Tunnel Course, March 18, 2003
 20. Taught: Hand Injuries, Fairview Hospital Conference for Family Practice Physicians, May 21, 2003
 21. Taught: Peripheral Nerve Stimulation in CRPS, IASP, August 31, 2003
 22. Taught: Upper and Lower Extremity Update, Residents Review Courses, American Society of Plastic Surgeons, October 24, 2003
 23. Management of Recurrent Dupuytren's, CCHF, April 2004.
 24. Taught: Management of Recurrent Dupuytren's, 4th Annual Orthopaedic Excellence through Education Meeting, Cleveland Clinic Foundation, April 30, 2004
 25. Taught: Coding and Billing in Plastic Surgery Course, May, 2004
 26. Organized: KMI Total Wrist Arthroplasty Cadaver Lab, September 25, 2004
 27. Course Director, Mosher Medical Agee Endoscopic Carpal Tunnel Release Technique, University Hospital, Cleveland, July 2009

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29. Organized: Plastic Surgery Cadaver Lab, July 13, 2012

Research:

1. Clinical Outcome of Carpal Tunnel Surgery in the Elderly
2. Cost Outcomes of Carpal Tunnel Surgery in the Elderly
3. Clinical Outcomes of CRPS IRB 5739
4. Cleveland Combined Hand Fellowship Brachial Plexus Study Group
5. Cleveland Combine Hand Fellowship Scaphoid Nonunion Study Group
6. Omentum Flap Coverage of Postcardiac Surgery Mediastinitis
7. Sunbelt Melanoma Trial IRB 3879
8. PIP Joint Protocol IRB 5922
9. Plate Fixation of Distal Radius in patients over the age of 65 IRB 4743
10. Incidents of Medianstinitis and Mediansternotomy IRB 5462
11. Peripheral Nerve Stimulators for Complex Regional Pain Syndrome IRB 5460
12. Protein C IRB 3618
13. Outcome of Autologous Breast Reconstruction, June 2003
14. Outcome of Farming Injuries of the Hand
15. Pyloric Valve Transposition after Abdominoperineal Resection
16. Outcomes of Melanoma in Plastic Surgery, Principal Investigator, Study 06-745, 2007
17. Outcomes of Microsurgery Reconstruction in Plastic Surgery, Principal Investigator, Study 06-751, 2007

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18. Tracking Operation and Outcomes for Plastic Surgeons (TOPS Database), Principal Investigator, IRB 8345, 2007
19. Lower Extremity Reconstruction Outcomes in the Elderly, Principal Investigator, Study 07-103, 2007
20. Adjunct Study Protocol for Mentor H/S Silicone Gel-Filled Mammary Prosthesis, Co-Investigator, RPC 4424, 2007
21. Assessment of Breast Cancer Patient Demography, Co-Investigator, Study 06-694, 2007
22. Retrospective Review of Nipple Sparing Mastectomy and Its Reconstruction, Co-Investigator, Study 06-711, 2007
23. Evaluation of Factors Involved in Breast Cancer Patients Seeking Reconstructive Surgery, Co-Investigator, Study 06-737, 2007
24. McGhan Medical Corporation Silicone-Filled Breast Implant Adjunct Clinical Study, Co-Investigator, IRB 2566, 2007
25. A Randomized, Controlled Multicenter Trial of Vacuum Assisted Closure Therapy™ in the Treatment and Blinded Evaluation of Pressure Ulcers, Co-Investigator, IRB 6740, 2007
26. Protocol for Composite Facial Allograft Transplant, Co-Investigator, IRB 6914, 2007
27. Postoperative Analgesia Using the ON-Q Pain Buster in Aesthetic Plastic Surgery: A Prospective Study, Co-Investigator, IRB 7739, 2007

Clinical Interests:

Reconstruction of hand injuries

Functional microvascular reconstruction

Replantation and revascularization

Reconstruction of brachial plexus and peripheral nerve injuries

Reconstruction of congenital hand anomalies

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Wrist arthroscopy

Minimally invasive surgery

Aesthetic surgery

Interests:

Audi Quattro Club, Instructor, Watkins Glen and Mid-Ohio

Porsche Club and Tracquest Instructor

J105 Race Crew

Lacrosse

Kindergarten Sunday school Teacher