

# CURRICULUM VITAE

## Charles Eaton MD

### BRIEF SUMMARY

Dr. Eaton is a hand surgeon living in West Palm Beach, Florida. He is happily married with four grown boys, three stepchildren, and five grandchildren. He has been board certified in general surgery, plastic surgery and surgery of the hand. Dr. Eaton has practiced in academic and community settings, and has published and lectured internationally on a variety of academic hand and microsurgery topics. In 2003, he introduced the technique of needle aponeurotomy for Dupuytren contracture to the United States and treated thousands of Dupuytren hands with this technique.

Dr. Eaton founded the nonprofit advocacy Dupuytren Foundation in 2008. He closed his clinical practice in 2012 and transitioned to volunteer full time as the executive director of this organization, now named the Dupuytren Research Group. Dr. Eaton is the architect and principal investigator of the International Dupuytren Data Bank. The goal of this crowdsourced research program is to identify circulating Dupuytren biomarkers to develop and test preventive biologic treatment for Dupuytren disease and related conditions.

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## EDUCATION

- College Emory University, Atlanta:1972-1976 B.S. Physics
- Medical School Washington University, St. Louis: 1976-1980 MD
- General Surgery Residency Boston University: 1980-1985 Full residency
- Plastic Surgery Residency New York University: 1985-1987 Full residency
- Hand Surgery Fellowship New York University 1987-1988
- Hand and Microsurgery Fellowship Microsurgery Research Centre, Melbourne, Australia 1989

## PROFESSIONAL EXPERIENCE

- Locum Tenens General Surgeon - Gooding County Memorial Hospital, Gooding, ID 1988
- Assistant Professor of Surgery University of Utah School of Medicine, Salt Lake City, UT 1990-1992
- Hand Surgeon Palm Beach County, FL 1992-2012
- Interplast Hand surgeon, Bolivia, 1999
- TV Host "The Doctor's Inn" Channel 57 Palm Beach County FL 2003 - 2004
- Project Access Volunteer Surgeon, Palm Beach County 2005-2012
- Organized 2010 International Symposium on Dupuytren's Disease, Miami FL
- Visiting Professor for American Society for Surgery of the Hand 2012
- Regular invited speaker/instructor ASSH, AAHS, AAOS academic conferences
- Founder and executive director, Dupuytren Research Group

## BOARD CERTIFICATION / LICENSURE

- American Board of Surgery 1986
- American Board of Plastic Surgery 1992
- American Board of Surgery: Surgery of the Hand Certification 1992 Recertification 2001, 2012
- Currently licensed to practice medicine in Florida

## PROFESSIONAL SOCIETIES

- Member, American Association for Hand Surgery
- Fellow, American College of Surgeons
- Member, American Society for Surgery of the Hand
- Founding member, Internet Society of Orthopaedic Surgery and Traumatology
- Founder and Executive Director, Dupuytren Research Group
- Board member, International Dupuytren Society, Canadian Dupuytren Society, British Dupuytren Society

## ACADEMIC HONOR SOCIETIES

- Alpha Epsilon Upsilon
- Phi Beta Kappa
- Sigma Pi Sigma Honorary Physics Society

## WEB SITES: AUTHOR / WEBMASTER

- [www.e-Hand.com](http://www.e-Hand.com): Electronic Textbook of Hand Surgery Web Site
- [www.Dupuytren.org](http://www.Dupuytren.org): Dupuytren Research Group Web Site

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## PUBLICATIONS

- Rao, BR, Nakeff, A, Eaton, CJ, Heston, WDW: Establishment and Characterization of an in vitro clonogenic cell assay for the R3327-AT Copenhagen rat prostatic tumor, *Cancer Res* 38:4431-4439, 1979. PMID 214223
- Gaber, AO, Rice, P, Eaton, CJ., Pietrafitta, JJ, Spatz, E, Deckers, PJ: Metastatic Malignant Disease of Unknown Origin, *Am J Surg* 145:493-397, 1983. PMID 6837885
- Feng, LJ, Eaton, CJ: Soft-Tissue Infection in Lower Extremity Trauma. *Clin Plas Surg* 13: 735-745, 1986. PMID 3769394
- Breitbart, AS, Eaton, CJ, McCarthy, JG: Crouzon's Syndrome Associated with Acanthosis Nigrans: Ramifications for the Craniofacial Surgeon: *Ann Plas Surg* 22 (4): 310-5, 1989. PMID 2650599
- Feng, LJ, Eaton, CJ: Soft Tissue Infection in Lower Extremity Trauma. *Clin Podia Med Surg* 8(3), 449-466, 1990. PMID 2205346
- Chen, HC, O'Brien, B McC, Rogers, IW, Pribaz, JJ, Eaton, CJ: Lymph Node Transfer for the Treatment of Obstructive Lymphoedema in a Canine Model. *Br J. Plas Surg* 43: 578-586, 1990. PMID 2224354
- Eaton, CJ, Lister, GD: Syndactyly. *Hand Clinics* 6, 4:555-575, 1990. PMID 2176654
- Eaton, CJ, Lister, GD: Toe Transfer for Congenital Hand Anomalies. *Microsurgery* 12:186-195, 1991. PMID 1865812
- Eaton CJ. Reviews: Meyer V, Black MJM. *Microsurgical Procedures*, Churchill Livingstone 1991. *Plastic and Reconstructive Surgery* 90(5) 1992, 926.
- Eaton, CJ, Lister, GD: Treatment of Skin and Soft Tissue Loss of the Thumb. *Hand Clinics* 8:71-99, 1992. PMID 1572927
- Eaton, CJ: Comment on the three flap plasty for release of burn contracture. *J. Hand Surg* 17:583, 1992.
- Eaton, CJ, Lister, GD: Radial Tunnel Syndrome. *Hand Clinics* 8:345-357, 1992. PMID 1613042
- Eaton CJ: A possible complication of the "belt-loop" flexor tendon pulley reconstruction. *J Hand Surg* 18:169-170, 1992.
- Eaton, CJ: Reviews: *Microsurgical Procedures*. *Plas Rec Surg* 90(5) 1992, 926.
- Smutz WP, Miller SC, Eaton CJ, Blowski DS, France EP: Investigation of low-force high-frequency activities on the development of carpal-tunnel syndrome. *Clin Biomech* 9:15-20, 1994. PMID 23916073
- Mordick TG, Romanowski L, Eaton C, Siemionow M: Microvascular Application of the Nonreversed Vein Graft. *Plas Rec Surg* 95:731-736, 1995. PMID 7892319
- Eaton CJ, Mitchell GM, Crowe DM, Morrison WA O'Brien BM: The effect of cold ischemia on the patency of microvascular repair following arterial avulsion. *Plas Rec Surg* 96:413-20, 1995. PMID 7624416
- Eaton CJ: Thumb Reconstruction. In: *Grabb & Smith's Plastic Surgery*. Lippincott Raven Publishers, Philadelphia. 929-938, 1997.
- Eaton C, Masson J, Siebert, J: Hand Infections in Intravenous Drug Abusers and Immunocompromised Patients. In: Tubiana, R: *The Hand* (Vol V). W B Saunders, Philadelphia. 604-616, 1998.
- Ndukwe AU, Eaton C, Oliver CW: The Mailbase Hand Surgery Electronic Mailing List. *J Hand Surg* 24B: 145-147, 1999. PMID 10372765
- Kupfer DM, Eaton CJ, Swanson S, McCarter MK, Lee GW: Ring Avulsion Injuries: A Biomechanical Study. *J Hand Surg* 24A: 1249-1253, 1999. PMID 10584949
- Clough JFM, Abdelmaksoud MA, Kamstra PEJ, Parihar M, Sechrest RC, Nelson DL, Sherry E, Van Der Bauwhede J, Eaton C, Heiman M. Comment on "Current Concepts Review. Internet Resources for Orthopaedic Surgeons" (80-A: 1525-1532, Oct. 1998). *J Bone Joint Surg* 82A(2):288, 2000.
- Eaton C: Use of Web Sites in Hand Surgery. *Techniques in Hand Upper Extrem Surg* 5(4):216-230, 2001. PMID 16520585
- Eaton C: Hand, Wrist and Forearm Injuries. In: Sherry E, Templeton J, Trieu L: *Trauma*. Oxford University Press, London. 311-334, 2003.
- Eaton C: The Digital Hand Surgeon. In: *Hand Surgery Quarterly*, A Quarterly Publication of the American Association for Hand Surgery, 2003-2006.
- Eaton C: Complications in Hand Surgery In: Cohn S: *Complications in Surgery and Trauma*. Informa Healthcare USA, Inc. New York. 429-462, 2007.

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- Eaton CJ: Thumb Reconstruction. In: *Grabb & Smith's Plastic Surgery*. Lippincott Raven Publishers, Philadelphia Chapter 87 835-846, 2007.
- Eaton C: Percutaneous Fasciotomy for Dupuytren's Contracture. *J Hand Surg* 36A(5):910-15, 2011.
- Eaton C: Minimally Invasive Treatment of Dupuytren Disease. American Academy of Orthopaedic Surgeons Web site: Orthopaedic Knowledge Online 2011 9(12): [http://orthoportal.aaos.org/oko/article.aspx?article=OKO\\_HAN034](http://orthoportal.aaos.org/oko/article.aspx?article=OKO_HAN034).
- Benhaim P, Eaton C, Hentz VR, Jones NF, Kamal S: Treatment of Dupuytren's Disease. *Hand Surgery Quarterly*, Winter 2011 10-17.
- Eaton CJ. Commentary on "Injectable Collagenase Clostridium Hystolyticum: A New Nonsurgical Treatment for Dupuytren's Disease". In Hausman MR, Ed. *JHS Select: An Expert Critique of 2010's Most Popular Articles*. Chicago, IL: American Society for Surgery of the Hand, 2012: 45-47.
- Davis P, Eaton C: Hand Therapy for Dupuytren's Contracture. In: Eaton C, Seegenschmiedt M, et. al (Eds) *Dupuytren's Disease and Related Hyperproliferative Disorders Principles, Research, and Clinical Perspectives Chapter 39*. Springer-Verlag, Berlin Heidelberg, 2012 p 305-316.
- Eaton C: A Technique of Needle Aponeurotomy for Dupuytren's Contracture. In: Eaton C, Seegenschmiedt M, et. al (Eds) *Dupuytren's Disease and Related Hyperproliferative Disorders Principles, Research, and Clinical Perspectives Chapter 34*. Springer-Verlag, Berlin Heidelberg, 2012 p 267-280.
- Eaton C, Seegenschmiedt M, Wach W: IDUP: Proposal for an International Research Database. In: Eaton C, Seegenschmiedt M, et. al (Eds) *Dupuytren's Disease and Related Hyperproliferative Disorders Principles, Research, and Clinical Perspectives Chapter 53*. Springer-Verlag, Berlin Heidelberg, 2012 p 449-454.
- Eaton C: The Future of Dupuytren's Research and Treatment. In: Eaton C, Seegenschmiedt M, et. al (Eds) *Dupuytren's Disease and Related Hyperproliferative Disorders Principles, Research, and Clinical Perspectives Chapter 54*. Springer-Verlag, Berlin Heidelberg, 2012 p 455-470.
- Eaton CJ. Commentary on "Steroid Injection and Needle Aponeurotomy for Dupuytren Contracture: A Randomized, Controlled Study". In Hausman MR, Ed. *JHS Select: An Expert Critique of 2011 & 2012's Most Popular Articles*. Chicago, IL: American Society for Surgery of the Hand, 2013: 261-263.
- Eaton C. Evidence-based medicine: Dupuytren contracture. *Plast Reconstr Surg* 2014;133:1241-51.
- Murphy A, Lalonde D, Eaton C, Denkler K, Hovius SER, Smith A, Martin A, Biswas A, Van Nieuwenhoven C: Minimally Invasive Options in Dupuytren's Contracture: Aponeurotomy, Enzymes, Stretching, and Fat Grafting. *Plas Rec Surg* 2014 134(5) 822e-829e.
- Lalonde D, Eaton C, Amadio P, Jupiter JB. Chapter 22: Wide-awake Hand and Wrist Surgery: A New Horizon in Outpatient Surgery. In: Della Valle CJ, Throckmorton TQ (Eds) *Instructional Course Lectures, Volume 64, American Academy of Orthopaedic Surgeons, 2015;64:249-59*.
- Eaton C: Recurrent Dupuytren disease. *Orthopaedic Knowledge Online Journal* 2015;13(9):3. <http://dx.doi.org/10.5435/OKOJ-13-9-3>. Accessed September 1, 2015.
- Eaton C. Dupuytren Disease. In: Wolfe S, Pederson W, Hotchkiss R, Kozin S, Cohen M (Eds) *Green's Operative Hand Surgery, 7th Edition Chapter 4*. Elsevier, 2016;128-151.
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- Kan HJ, Verrijp FW, Hovius SER, van Nieuwenhoven CA, Dupuytren Delphi Group, Selles RW (2017) Recurrence of Dupuytren's contracture: A consensus-based definition. *PLoS ONE* 12(5): e0164849. <https://doi.org/10.1371/journal.pone.0164849>
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- Eaton C. The Next Stage of Clinical Dupuytren Research: Biomarkers and Chronic Disease Research Tools. In: Werker PMN, Dias J, Eaton C, Reichert B, Wach W (Eds) *Dupuytren Disease and Related Diseases - The Cutting Edge Chapter 51*. Springer International, Switzerland 2017 p 391-407.

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- Eaton C. Open Questions and Potential Answers. In: Werker PMN, Dias J, Eaton C, Reichert B, Wach W (Eds) Dupuytren Disease and Related Diseases - The Cutting Edge Chapter 58. Springer International, Switzerland 2017 p 441-445.

### ACADEMIC CONFERENCE PRESENTATION VIDEOS AVAILABLE ONLINE

- Introductory Remarks. 2010 International Symposium on Dupuytren's Disease. Miami, FL. <https://www.youtube.com/watch?v=Y6lZZLF-erw>
- Wide Awake release of Dupuytren's Contracture with Pinpoint Anesthesia. 2010 Congress IFSSH. Seoul, Korea. <https://www.youtube.com/watch?v=wSZhfP1r1OY>
- Amazing Things: Hands and Hand Surgery. Presentation given as 2012 American Society for Surgery of the Hand Visiting Professor. <https://youtu.be/R1fg99FAIfE>
- Needle Aponeurotomy for Dupuytren's Contracture. 2013 AAOS Specialty Day. Chicago, IL. <https://www.youtube.com/watch?v=vqVgwJ5b6bA>
- International Dupuytren Data Bank (IDDB). 2015 International Symposium on Dupuytren's Disease. Groningen, Netherlands. <https://www.youtube.com/watch?v=AbY1KVhTVAo>
- Advances in the Management of Dupuytren Contracture. 2015 Annual Meeting of the American Society of Hand Therapists. Denver, Colorado. <https://youtu.be/1EZ9y8S8aKA>
- Presentations for 2017 American Society for Surgery of the Hand Annual Scientific meeting. Dupuytren Anatomy: <https://youtu.be/iD3mYMmfN-Q> , Dupuytren Severity: <https://youtu.be/jk7w-i8PPrs> , Dupuytren Decision Trees: <https://youtu.be/THqIKjgOnkU>