



Curriculum Vitae

Dupuytren's Disease

Professor David Warwick

DM MD BM (Soton) DipIMC FRCS (Eng) FRCS (Orth) European Diploma of Hand Surgery

Consultant Hand Surgeon

University Hospital Southampton



Honorary Professorial Fellow

Faculty of Medicine, University of Southampton



Doctorate

- 2020: Doctor of Medicine
 - *Dupuytren's Disease- My Journey*
 - University of Southampton
 - Dupuytren's Disease- my Journey
 - Doctorate by amalgamation of published research

Awards

- Honorary Life member, International Dupuytren Society
 - Awarded 2019 as first ever recipient in recognition of my international contribution to this field

Committee Work

- Chairman Safety and Efficacy Board XXX Pharma 2018-2020
 - I am responsible for the data safety in this new molecule, leading a group of 5 European hand surgeons, interpreting data and allowing escalation in this Phase 2 dose-ranging study
- Chairman, European Advisory Board, Xiaflex (2009-2013)
 - Advising a pharma company, with a group of 10 European Hand Surgeons, on the safe and effective introduction of a new drug, requiring specific training , across Europe. Twice yearly meetings.

Work for NICE, HTA, NHSE

- 2019: NHSE Information sheets- document review on behalf of BSSH (Chair TRC Davis)
Carpal tunnel, Dupuytren's. Trigger Finger
- 2016: NICE Radiotherapy for Early Dupuytren's Disease
 - IPG 573 Published Dec 2016
 - Expert Advisor on behalf of BSSH
- 2015: NICE Xiapex Appeal Nov 2015

- I attended and gave evidence to appeal against the withdrawal of funding for Xiapex by NICE

Current Research and Audit

DISC STUDY (CCH VS SURGERY)

- National Co-Applicant HTA funded
- Southampton PI
- Dupuytren's Interventions Surgery vs. Collagenase. A pragmatic multi-centre randomised controlled superiority, cost effectiveness trial comparing injections of collagenase into the cord (CCH) to surgical correction the treatment of moderate Dupuytren's Contracture in adult patients
- Site Inspection July 2017
- 50 patients enrolled at UHS by April 2020

AUDIT DATABASE

- Collagenase in Dupuytren's
 - Ongoing Audit 2011-2018
 - Data presented BSSH Oct 2014., FESSH 2015, published JHS(E) 2016

SPECIMEN COLLECTION

- T&O 0169 Molecular basis of chronic inflammatory and degenerative diseases
 - Collect specimens of tissue from Dupuytren's surgery and send to Oxford

Completed Research and Audit Projects

Patient infographic and Consent in Dupuytren's

- 3rd Year Project 2018-19
- Mr Nic Uren

Recurrence after Xiapex

- 3rd Year Project 2015-6
- Mr Tom Harrington Voigt

Satisfaction after Xiapex

- 4th Year Project 2014-5
- Mr Jack Bradley

- Publication, Journal of Hand Surgery (American) 2016

Xiapex Database

- *4th Year Project 2012-3*
- *Mr Daniel Graham*
- *Publication 2016, Journal of Hand Surgery (European)*

Real World Study

- *PI*
- *Commercial study –Rigistry of treatment of Dupuytren’s Disease*
- *Xiapex/Surgery*
- *Recruitment finished Feb 2014 16 patients*

UK Chief Investigator and Southampton PI. Point X study

- *Multinational study, lead author*
- *(Non-operative treatment of Dupuytren’s by collagenase injection).*
- *£36K funds to Wellcome Trust*
- *Paper published 2014, Journal of Hand Surgery*

Dupuytren’s Scoring Scheme

- *Validated patient related outcome measure*
- *Paper Published Journal of Hand and Plastic Surgery 2013*

Dupuytren’s Clinic

- *Review of a new model of assessing Dupuytren’s disease*
- *Published Journal of Hand Therapy 2010*

Expert Review Research Proposals etc

- F1000 faculty Reviews
 - Recent advances in the understanding of Dupuytren’s Disease’ Nanchahal et al
- **Warwick D.** Referee Report For: Study protocol: A multi-centre, double blind, randomised, placebo-controlled, parallel group, phase II trial (RIDD) to determine the efficacy of intra-nodular injection of anti-TNF to control disease progression in early Dupuytren’s disease, with an embedded dose response study. [version 1; referees: 1 approved, 1 approved with reservations]. *Wellcome Open Res* 2017, **2**:37 (doi: [10.21956/wellcomeopenres.12379.r23290](https://doi.org/10.21956/wellcomeopenres.12379.r23290))
- HTA Expert Commentary NIHR DC | Signal - Lack of evidence on whether collagenase or surgery is more clinically or cost effective in managing Dupuytren’s contracture Dec 2015 commentary on: Brazelli et al Collagenase clostridium histolyticum for the treatment of

Dupuytren's contracture: systematic review and economic evaluation Health Technol Assess. 2015 19(90):1-202..

Examiner of Thesis

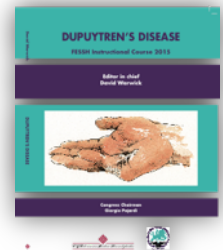
- **2018 PhD Sweden (Chief opponent)**
 - Joakim Stromberg
 - *On minimally invasive treatment of Dupuytren's contracture*
- **2018 PhD Netherlands**
 - Chao Zhou
 - *Dupuytren's disease- Measure, Compare, Predict?*
- **2015 PhD Netherlands**
 - Hester Kan MD
 - *Straightforward. Innovation and Evaluation in Dupuytren's Disease*

Website

- See www.collagenase.co.uk

Books Published

- **Dupuytren's Disease FESSH 2015 Instructional Course Book 2015**
 - Editor and Chairman
 - Multinational book
 - Recruiting and Collating authors, Single editor

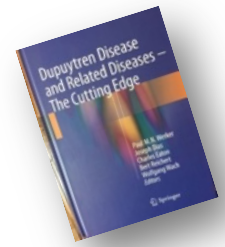


Book Chapters: published

- **Living Textbook of Hand Surgery 2015**
 - An online text book with several authors from around the world, under the auspices of the International Federation of Societies for Surgery of the Hand to be freely available and continuously **updated**.
 - I have co-ordinated and edited the chapter on Dupuytren's Disease. I wrote the Chapter on Skin Grafting in Dupuytren's Disease.
 - Available on: <http://www.gms-books.de/book/living-textbook-hand-surgery/chapter/special-diseases-eg-dupuytren-disease>

- **Dupuytren's Disease and related Diseases- the Cutting Edge. (Ed Werker, Dias, Eaton, Reichert, Wach, Springer Oct 2016**
 - *Correlation of function with deformity in Dupuytren's Disease - the condition specific Southampton Scoring Scheme outperforms the generic QuickDASH*
 - *Collagenase - what we may never know - a discussion on the limitations of the Randomized Controlled Trial*

- **Collagenase in Dupuytren's Disease (ed Pajardi, 2019)**
 - *Collagenase today: follow-up studies, recurrence, dosage, drug safety*



Refereed Publications

- **Warwick D** et al: Dupuytren's Disease; using needles more across the world. J Hand Surg 20146:1-9
- Williams L, Nunchahal **Warwick D** et al Identifying collagen VI as a target of fibrotic diseases regulated by CREBBP/EP300 Proc Natl Acad Sci U S A. 2020 Aug 25;117(34):20753-20763
- Yara van Kooij, **Warwick D** et al 2020 Content validity and responsiveness of the Patient Specific Functional Scale in patients with Dupuytren's disease. Accepted March 2020 J Hand Therapy
- Kerr S, **Warwick D**, Haddad F (2019) Cost effectiveness studies- who is the key stakeholder Bone Joint Surg 101B;1321-24
- **Warwick D** (2017) Dupuytren's: Disease -a personal view 42E(665-72)
- **Warwick D**, Graham D, Worley P (2016) New insights into the immediate outcome of collagenase injections for Dupuytren's Contracture. J Hand Surg 241(E) 583-588
- **Warwick D**, Worsely P, Graham D (2015) Letter in response- A review of classifications of Dupuytren's Disease. J Hand Surg 40; 544

- **Warwick D**, Arandes-Renu J, Pajardi G, Witthaut G, Hurst L (2016) Collagenase Clostridium histolyticum: emerging practice patterns and treatment advances. In press Journal of Plastic Surgery and Hand Surgery 50:251-61
- Bradley J, **Warwick D** (2016) Patient satisfaction with collagenase. J Hand Surg (Am) 41(A) 689-97
- **Warwick D**, Thomas A, Bayat A. (2012) Dupuytren's Disease: Overview of a common connective tissue disease with a focus on emerging treatment options International Journal of Rheumatology. 2012 7:309-323
- **D. Warwick**, M. Arner, G. Pajardi, B. Reichert, Z. Szabo, E. H. Masméjean, J. Fores, D. S. Chapman, R. A. Gerber, F. Huard, A. Seghouani¹ and P. P. Szczypa (2015) Collagenase Clostridium histolyticum in patients with Dupuytren's contracture: results from POINT X, an open-label study of clinical and patient-reported outcomes J Hand Surg 2015; ;40E: 124-32.
- Arvind M, Vadher J, Ismail H, **Warwick D** (2014) The Southampton Dupuytren's Scoring Scheme Plast Surg Hand Surg. 2014 Feb;48(1):28-33
- **Warwick D**, Vadher J Belward P, Setty K (2010). The Southampton Dupuytren's Clinic; audit of an effective multidisciplinary model. Hand Therapy 2010;15:100-104

Research Presentations to Learned Bodies

INTERNATIONAL

- Federation of European Hand Societies Santander June 2016
 - *Patient satisfaction after Xiapex*
- International Dupuytren's Society Groningen May 2015
 - *Correlation between function and deformity in Dupuytren's (Poster)*
 - *Collagenase- what we may never know*
- Federation of European Hand Societies Milan 2015
 - *Collagenase- what we may never know (poster)*
 - *Correlation between function and deformity- QuickDASH vs SDSS*
- Federation of European Hand Societies 2012. (Antwerp Belgium)
 - *Direct and indirect effects of collagenase Clostridium histolyticum (CCH) treatment in patients with Dupuytren's contracture*
 - *Xiapex- one year experience*
- Federation of European Hand Societies May 2011 (Oslo Norway)

- *The Southampton Dupuytren's Scoring Scheme*

NATIONAL

- British Society for Surgery of the Hand (London) April 2016
 - *Patient satisfaction after Xiapex*
- British Society for Surgery of the Hand **Oct 2014 (London)**
 - *Correlation between function and deformity in Dupuytren's*
 - *Xiapex - New information from a series of two hundred and ninety injections*
- British Society for Surgery of the Hand 2013 (Harrogate)
 - *Xiapex- a user friendly database*
- British Society for Surgery of the Hand April 2012
 - *Xiapex- early results*
- British Orthopedic Association Sept 2011 Dublin
 - *Southampton Duyutrens scoring scheme*
- British Society for Surgery of the Hand May 2008
 - *Dupuytren's scoring Scheme.*
- British Society for Surgery of the Hand Nov 2005
 - *The Southampton Dupuytren's Clinic*

Invited Lectures

2020

- International Dupuytren's quadannual Meeting 2020 Oxford
 - Key note speaker
 - Deferred to 2021 because of Covid19
- BSSH Teaching mission to Abuja, Nigeria
 - Dupuytren's

2019

- Scandinavian Hand Society August
 - *Dupuytren's contracture- my experience and preferred methods for treatment*
- International Hand Society (Berlin) June
 - *Is there still a role for regional fasciectomy*
- Wessex Hand Club Beaulieu June
 - *Latest thoughts on Dupuytren's*
- FESSH Academy Budapest
 - *Anatomy of Dupuytren's*
 - *Dermofasciectomy*
 - *Collagenase*

2018

- Bristol and South West training scheme July
 - *Dupuytren's Disease*
- British Society for Surgery of the Hand (Cardiff, May)
 - *The move to minimally invasive treatments in Dupuytren's Disease*

2017

- Polish Hand Society (Guest Professor) Sept Krakow
 - *Dupuytren's Disease*
- Federation of European Societies for Surgery of the Hand (Budapest) June
 - *Dupuytren's Tips and Wrinkles*
 - *Chair, Dupuytren's free paper session*
- South African Hand Society Feb 2017
 - *Dupuytren's Disease History*
 - *Xiapex*
 - *Skin Grafts in Dupuytren's*

2016

- International Society for Surgery of the Hand (Buenos Aires) Oct
 - *Dupuytren's Disease- pathways we can never prove*
- British Society for Surgery of the Hand (Cardiff) Oct
 - *Collagenase Tips and Wrinkles*
- Federation of European Societies for Surgery of the Hand (Santander) June
 - *Collagenase Progress and Problems*
 - *Chair: Dupuytren's Whats new since last year*

2015

- Australian Orthopaedic Association/Australian Society for Surgery of the Hand Oct 2015
 - *Xiapex- my experience of 360 cases*
 - *Collagenase- what we may never know*
- Federation of European Societies for Surgery of the Hand Instructional Course (Milan) Chairman
 - *Dupuytren's- past experiences and evolving paradigms- introduction to the Instructional Course*

- *Debate- what we know, what we want to know,, what we will never know: future research in Duputren's*
- International Dupuytren's Society May 2015 Groningen
 - *Which is best- collagenase or PNF (a debate)*

2014

- Italian Hand Society , Foggia, Italy Oct
 - *Collagenase in daily Practice*
- Eastern European Hand Course Hungary September
 - *Fasciectomy a full thickness graft*
 - *Experience of Collagenase*
- FESSH Paris June 2014
 - *Xiapex- What we know, what we don't know, what we may never know*
- European Orthopaedic Federation (EFORT) London June 2014
 - *Collagenase- what we know, what we want to know, what we will never know (Industry forum)*
- BSSH Instructional Course Manchester 2014
 - *Collagenase- how I do it*

2013

- SOBI Pharma, Copenhagen October (Industry Sponsored, SOBI Pharma)
 - *My experience of Xiapex*
 - *Dupuytren's- a summary*
- Wessex Hand Club March 2013.
 - *Experience of Xiapex so far*
- European Dupuytren's Summit, Vienna (Pharma sponsored, Pfizer)
 - *Complications cannot be reduced in Dupuytren's-*
 - *My changing paradigm in the management of Dupuytren's*
- International Federation of Societies for Surgery of the Hand New Delhi March 2013
 - *Why Xiapex is the treatment of Choice in Dupuytren's.*

2012

- FESSH Antwerp June 2012
 - *Xiapex- personal Experience*
- Medical Futures: April 2012
 - *Collagenase*

2011

Xiapex: Wellcome Trust study day Dec 2011

Collagenase Pfizer symposium, American Hand Society, Las Vegas 2011

Dermofasciectomy: how I do it. BSSH Instructional Course Feb 2011

2010

Options for Dupuytren's Surgery FESSH Bucharest June 2010

2008

Skin grafting. Joint release Advanced Hand and Wrist Course, Manchester