

Dupuytren

INTERNATIONAL CONFERENCE
on Dupuytren Disease and Related Diseases
Groningen
The Netherlands · 2015 · May 22/23

Day 1 Friday, 22 May 15

08:00 Registration

08:30 **Welcome**

Paul Werker

08:35

Jos Aartsen CEO UMCG

08:40

Wolfgang Wach & Charles Eaton

08:45 **Lecture : Treatment of Dupuytren in different countries and the role of FESSH and IFSSH in promoting knowledge for hand surgeons**

Zolt Szabo

Chair : Paul Werker

09:05 **Session 1: Epidemiology & Patients Views** **Chair : Bert Reichert & Zsolt Szabo**

09:05 The epidemiology of surgical intervention for Dupuytren's Contracture in England

Joe Dias

09:11 Favorite Options of German Hand Surgeons in the Treatment of Dupuytren Disease

Bert Reichert

09:17 Trends in Dupuytren's Treatment in the United States

Philip Blazar

09:23 **Discussion**

09:38 The Patient's View and Needs – An International Survey: Dupuytren Disease

Wolfgang Wach

09:44 Patients' preferences for treatment for Dupuytren's disease: a Discrete Choice Experiment

Hester Kan

09:50 **Discussion**

10:00 Coffee Break

10:30 **Lecture : The extra-cellular matrix in Dupuytren's disease**

David O'Gorman

Chair : Boris Hinz & Ruud Bank

10:50 **Session 2: Cellular and extracellular events**

Chair : Boris Hinz & Ruud Bank

10:50 PDGFR- β targeted modified interferon gamma in Dupuytren's disease

Marianna Kruihof-de Julio

10:56 Wnt pathway in Dupuytren disease, connecting pro-fibrotic signals

Marika van Beuge

11:02 Biomarkers of post-surgical outcome in Dupuytren's disease

Ian Clark

11:08 Tumour necrosis factor (TNF) as a therapeutic target in Dupuytren's disease

Jagdeep Nanchahal

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| 11:14 | Discussion | | |
| 11:30 | Controversies 1: Pathogenesis of Dupuytren Disease; active or passive contracture? | Chair : David O'Gorman | |
| 11:32 | Active Contracture | Jagdeep Nanchahal | |
| 11:37 | Passive Contracture | Charles Eaton | |
| 11:42 | Audience response | | |
| 12:00 | Lunch | | |
| 13:00 | Lecture : Genetics in Dupuytren Disease | Roel Ophoff | Chair : Hans Hennies |
| 13:20 | Session 3: Genetics & Associations | Chair : Roel Ophoff & Hans Hennies | |
| 13:20 | A Large European Genome-wide Association Study Reveals Multiple New Genetic Susceptibility Variants for Dupuytren's Disease | Michael Ng | |
| 13:26 | Meta-analysis of genome-wide imputed GWAS identifies new significant loci in patients with Dupuytren's disease | Kerstin Becker | |
| 13:32 | Identification and characterization of functional genetic variants in Dupuytren's Disease | Juanjiangmeng Du | |
| 13:38 | Discussion | | |
| 13:53 | A systematic review and meta-analysis on the association between Dupuytren disease and diabetes | Dieuwke Broekstra | |
| 13:59 | The association between vibration and Dupuytren disease: a comparison between elderly field hockey players and controls | Dieuwke Broekstra | |
| 14:05 | Discussion | | |
| 14:15 | Controversies 2: The benefit of splinting for Dupuytren Contracture | Chair : Ilse Degreef | |
| 14:17 | Splinting confers no benefit | Adrian Chojnowski | |
| 14:22 | Splinting is beneficial | Wolfgang Wach | |
| 14:27 | Audience response | | |
| 14:45 | Coffee Break | | |
| 15:15 | Lecture : Collagenase Treatment - Journey from Bench to Current Advanced Clinical Use | Larry Hurst | Chair : Steve Coleman & Stephan Wilbrand |
| 15:35 | Session 4: Collagenase Injection | Chair : Steve Coleman & Stephan Wilbrand | |
| 15:35 | Dupuytren's Disease in the thumb and first webspace and collagenase treatment | Paul Werker | |

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| 15:41 | Efficacy of using local anesthesia before collagenase injection in reducing overall pain experience in patients treated for Dupuytren's contracture: A quasi-randomized study | Jesper Nordenskjöld |
| 15:47 | Effect of Delayed Finger Extension on the Efficacy and Safety of Collagenase Clostridium Histolyticum Treatment for Dupuytren's Contracture | Gary M. Pess |
| 15:53 | The use of a dynamic dorsal splint for Dupuytren Rehabilitation after collagenase | Massimo Corain |
| 15:59 | Discussion | |
| 16:19 | Dupuytren Award 2014 | Wolfgang Wach & Paul Werker |
| 16:24 | Treatment with Collagenase Clostridium Histolyticum: Five-Year CORDLESS Data | Clayton A. Peimer |
| 16:30 | Prospective Multicenter, Multinational Study to Evaluate the Safety and Efficacy of Concurrent Collagenase Clostridium Histolyticum Injections to Treat Two Dupuytren's Contractures in the Same Hand | Marie Badalamente |
| 16:36 | An Open-label, Controlled Phase 2a Study of the Safety and Efficacy of Injectable Collagenase Clostridium Histolyticum (CCH) in Patients with Adhesive Capsulitis (Frozen Shoulder) | Marie Badalamente |
| 16:42 | Collagenase- what we may never know- a discussion paper | David Warwick |
| 16:48 | Discussion | |

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| 17:04 | Controversies 3: The best minimally invasive treatment for Dupuytren Disease: PNF or Collagenase? | Chair : Charles Eaton |
| 17:06 | Percutaneous Needle Fasciotomy | Paul Werker |
| 17:11 | Collagenase | David Warwick |
| 17:16 | Audience Response | |
| 17:34 | | |

Day 2 Saturday, 23 May 15

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| 08:00 | Registration | |
| 08:30 | Session 5: Assessment/ Percutaneous Needle Fasciotomy | Chair : Gary Pess & Ulrich Lanz |
| 08:30 | MCID for the Patient Evaluation Measure as a Patient Rated Outcome Measure for Dupuytren Contracture | Joe Dias |
| 08:36 | Predictors of Satisfaction with Hand Function in Patients with Dupuytren's Disease | Chao Zhou |
| 08:42 | URAMS as a PROM for Dupuytren Contracture Patients | Joe Dias |
| 08:48 | Discussion | |
| 09:03 | Tips and Pearls for Percutaneous Needle Fasciotomy and Collagenase - A Ten Year Personal Experience | Gary Pess |
| 09:09 | Percutaneous Needle Fasciotomy for secondary or higher recurrence in Dupuytren's disease | Margot Vlot |
| 09:15 | Extensive Percutaneous Aponeurotomy and Lipofilling versus Limited Fasciectomy in Patients with Primary Dupuytren's Contracture; a Randomized Controlled Trial | Steven Hovius |
| 09:21 | Discussion | |
| 09:37 | Controversies 4: How to treat severe PIP contractures: minimally invasive of surgically? | Chair : Joe Dias |
| 09:41 | Minimally invasive methods | Clayton Peimer |
| 09:46 | Surgical correction | Caroline Leclercq |
| 09:51 | Audience response | |
| 10:15 | Coffee Break | |

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| 10:45 | Lecture : Treatment of Dupuytren Disease: Where are we now | David Elliot | Chair : Caroline Leclercq |
| 11:05 | Session 6: Comparative Studies/ Recurrence | Chair : Caroline Leclercq & David Elliot | |
| 11:05 | Steroid injection and needle aponeurotomy for Dupuytren disease: long-term follow-up of a randomized controlled trial | Paul Binhammer | |
| 11:11 | Minimal invasive treatment of Dupuytren: Collagenase vs. PNF | Eva-Maria Baur | |
| 11:17 | Collagenase Clostridium Histolyticum versus Partial Fasciectomy for Dupuytren's contracture: Early Outcomes From A Multicenter Propensity-Score Matched Study | Chao Zhou | |
| 11:23 | Discussion | | |
| 11:35 | Actual Indications of Continuous Extension Technique (TEC) For Severe Dupuytren Disease | Jane C Messina | |
| 11:41 | Preliminary soft-tissue distraction versus checkrein ligament release after fasciectomy in the treatment of Dupuytren proximal interphalangeal joint contractures | Atanu Biswas | |
| 11:47 | Discussion | | |
| 11:55 | The Palmodigital Spiralling Sheath | Rinze Lykele Zwanenburg | |
| 12:01 | Clusters in short term disease course in participants with primary Dupuytren Disease | Rosanne Lanting | |
| 12:07 | Discussion | | |
| 12:15 | Recurrence after Treatment for Dupuytren's Disease; A consensus-based definition | Ruud Selles | |
| 12:21 | Recurrence after Dupuytren's disease: the time factor | Caroline Leclercq | |
| 12:27 | Is Recurrence of Dupuytren Disease Prevented by Full-Thickness Grafting Surgery? | Ilse Degreef | |
| 12:33 | Discussion | | |
| 12:45 | Lunch | | |
| 13:45 | Housekeeping | | |
| 13:50 | Lecture : Radiotherapy for Early Stage Dupuytren and Ledderhose Disease | Heinrich Seegenschmiedt | Chair : Richard Shaffer & Ruud Selles |

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| 14:10 | Session 7: Related disease & Other Treatments | Chair : Richard Shaffer & Ruud Selles |
| 14:10 | A Systematic Review Of Non-Surgical Treatments For Early Dupuytren's Disease | Catherine Ball |
| 14:16 | The Patient's View and Needs – An International Survey: Ledderhose Disease | Gary Manley |
| 14:22 | Discussion | |
| 14:32 | Use of Acellular Dermal Matrix in Dupuytren Disease | Gloria Sue |
| 14:38 | Tension versus compression on Dupuytren | Ilse Degreef |
| 14:44 | Discussion | |
| 14:54 | Lecture : Peyronie's Disease Treatment: The State of the Art | Mels van Driel |
| 15:05 | Coffee Break | |
| 15:35 | <i>Focus on Research: Introduction to the symposia</i> | <i>Joe Dias</i> |
| 15:40 | <i>Basic Research: important prerequisites for future studies</i> | <i>Chair : David O'Gorman</i> |
| 16:30 | <i>Clinical Research: international collaboration to execute high powered clinical trials</i> | <i>Chair : Marie Badalamente</i> |
| 17:20 | Close | Wolfgang Wach, Charles Eaton & Paul Werker |

Posters

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| 1 | Elevated cAMP Inhibits both Basal- and PDGF-Induced Cell Migration and Contraction in Dupuytren's Contracture-Derived Fibroblasts | Latha Satish |
| 2 | Correlation of function with deformity in Dupuytren's Disease- the condition specific Southampton Scoring Scheme outperforms the generic QuickDASH | David Warwick |
| 3 | Tonometry as an outcome measure for the treatment of Dupuytren's disease | Catherine Ball |
| 4 | Intra- and inter-observer agreement on diagnosis and measurements of Dupuytren disease severity | Dieuwke Broekstra |
| 5 | Variation in range of movement reporting in Dupuytren's disease | Anna Pratt |
| 6 | Experience of Treating Patients with Stage IV Dupuytren Contracture | Andrey Zhigalo |
| 7 | Six Years Experience of Using Needle Aponeurotomy when Treating Patients with Dupuytren's Disease | Andrey Zhigalo |
| 8 | YAP1 is a driver of myofibroblast differentiation in normal and Dupuytren's fibroblasts | Bram Piersma |
| 9 | Clinical Validation of Pharmacoeconomic Model in Dupuytren Contracture | Rafael Sanjuan |
| 10 | Collagenase versus Fasciectomy in Dupuytren Disease: Cost-Utility Analysis | Rafael Sanjuan |
| 11 | Origin of Dupuytren's myofibroblasts in an ex vivo tissue culture system | Sofia Karkampouna |