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Research outputs

Avoiding pitfalls in conducting hand surgery research - potential consequences of common errors in statistical analyses
Broekstra, D. C., Bonhof-Jansen, E. E. D. J. & Marks, M., 12-Apr-2025, (E-pub ahead of print) In: Journal of Hand Surgery (European Volume).

Statistical questions FESSH 2024 workshop

Marks, M., Selles, R. W. & Broekstra, D. C., Feb-2025, In: Journal of Hand Surgery (European Volume). 50, 2, p. 292-296 5 p.

The presentation and treatment of Dupuytren's disease in Dutch general practitioner care

van Straalen, R. J. M., Broekstra, D. C., Werker, P. M. N. & de Boer, M. R., Feb-2025, In: Family practice. 42, 2, 8 p., cmae065.

The incidence and prevalence of Dupuytren's disease in primary care: results from a text mining approach on registration data

van Straalen, R. J. M., de Boer, M. R., Vos, F., Werker, P. M. N. & Broekstra, D. C., 2025, In: Scandinavian Journal of Primary Health Care. 43, 1, p. 173-180 8 p.

Immobilization, rehabilitation and complications classification after thumb trapeziometacarpal total joint arthroplasty: A scoping review

Bonhof-Jansen, E. E. D. J., Brink, S. M., van Uchelen, J. H., van der Sluis, C. K. & Broekstra, D. C., Dec-2024, In: Hand surgery & rehabilitation. 43, 6, 10 p., 101783.

Mortality in patients with Dupuytren's disease in the first 5 years after diagnosis: a population-based survival analysis

van den Berge, B. A., Groenhof, F., Werker, P. M. N., Furniss, D., Kuo, R., van den Heuvel, E. R. & Broekstra, D. C., Oct-2024, In: Journal of Hand Surgery (European Volume). 49, 9, p. 1110-1118 9 p.

Behandeling van de ziekte van Dupuytren

Broekstra, D. C. & van den Berge, B. A., 11-Jul-2024, In: Nederlands Tijdschrift voor Geneeskunde. 168, D8207.

Assessing Facial Palsy: Does Feedback Improve Assessment Using the eFACE and Sunnybrook Facial Grading System?

Bruins, T. E., Lammens, R. F., van Veen, M. M., Tamási, K., Dijkstra, P. U., Werker, P. M. N. & Broekstra, D. C., Jul-2024, In: Laryngoscope. 134, 7, p. 3105-3111 7 p.

Correspondence to: Henry O'Brien, Jay Paniker and Liam Brown: Is a smartphone application as accurate as a traditional goniometer for assessing finger joint angles in Dupuytren's disease? Hand Surg Rehabil 2023 Sep 29

Broekstra, D. C. & Werker, P. M. N., Apr-2024, In: Hand surgery & rehabilitation. 43, 2, 1 p., 101619.

Quality of life and subjective donor-site morbidity in patients after a free fibula flap

Klaassen, K., Kofman, K. E., Broekstra, D. C. & Stenekes, M. W., Mar-2024, In: Journal of Plastic Reconstructive and Aesthetic Surgery. 90, p. 95-98 4 p.

Treatment durability of limited fasciectomy vs. percutaneous needle fasciotomy for Dupuytren's disease

van den Berge, B. A., Omar, F. M. A., Werker, P. M. N., Zhan, Z., van den Heuvel, E. R. & Broekstra, D. C., Nov-2025, In: Plastic and Reconstructive Surgery. 154, 5, p. 928e-938e 11 p.

Repeated percutaneous needle fasciotomy for recurrent Dupuytren's disease

van den Berge, B. A., Bloembergen, M., Broekstra, D. C. & Werker, P. M. N., Jan-2024, In: Journal of Hand Surgery (European Volume). 49, 1, p. 109–111 3 p.

Avoiding pitfalls in conducting hand surgery research: the feasibility analysis

Marks, M. & Broekstra, D. C., 2024, In: Journal of Hand Surgery (European volume). 49, 10, p. 1276-1281 6 p.

Statistics for the hand surgeon. Part 2: avoiding common pitfalls

Harvey, M. R., Rodrigues, J., Lane, J. C. E., Wade, R. G., Broekstra, D. C. & Harrison, C., Dec-2023, In: Journal of Hand Surgery: European Volume. 48, 11, p. 1237–1243 7 p.

Patient-perceived hand function measured can predict treatment for Dupuytren's disease

van den Berge, B. A., Blom, P. C. A., Werker, P. M. N. & Broekstra, D. C., 1-Nov-2023, In: Plastic and Reconstructive Surgery. 152, 5, p. 867E-875E

Statistics for the hand surgeon: Part 1: principles and application to hand surgery research

Harvey, M. R., Rodrigues, J., Lane, J. C. E., Wade, R. G., Teunissen, J. S., Broekstra, D. C. & Harrison, C., Nov-2023, In: Journal of Hand Surgery (European volume). 48, 10, p. 1096–1102 7 p.

The association between echogenicity and progression of Dupuytren's disease (DD): Birth of an imaging biomarker?

van Straalen, R., de Boer, M. R., Molenkamp, S., Maas, M., Werker, P. M. N. & Broekstra, D., Nov-2023, In: Journal of Plastic, Reconstructive & Aesthetic Surgery. 86, p. 222-230 9 p.

Ultra-high-definition (22 MHz) ultrasound of the ulnar nerve: additional value and normative data

Ruettermann, M., Broekstra, D. C., Groen, G. J. & Elting, J. W., Nov-2023, In: Journal of Hand Surgery (European volume). 48, 10, p. 1036-1041 6 p.

Research in hand surgery: is it for everyone?

Lam, W., Broekstra, D. & Marks, M., 1-Oct-2023, In: The Journal of hand surgery, European volume. 48, 9, p. 835-837 3 p.

Dupuytren Disease: Prevalence, Incidence, and Lifetime Risk of Surgical Intervention. A Population-Based Cohort Analysis

Broekstra, D. C., Kuo, R. Y. L., Burn, E., Prieto-Alhambra, D. & Furniss, D., 1-Mar-2023, In: Plastic and Reconstructive Surgery. 151, 3, p. 581-591 11 p.

Dupuytren's disease is a work-related disorder: results of a population-based cohort study

van den Berge, B. A., Wiberg, A., Werker, P. M. N., Broekstra, D. & Furniss, D., 14-Feb-2023, In: OCCUPATIONAL AND ENVIRONMENTAL MEDICINE. 80, p. 137-145 9 p.

Statistics in publishing: the (mis)use of the p-value (Part 2)

Stunt, J. J., Broekstra, D. C. & de Boer, M. R., 3-Nov-2022, In: Journal of Hand Surgery-British and European Volume. 47, 10, p. 1092-1095 4 p.

Disease Course of Primary Dupuytren Disease: 5-Year Results of a Prospective Cohort Study

Broekstra, D. C., Lanting, R., Werker, P. M. N. & van den Heuvel, E. R., 1-Jun-2022, In: Plastic and Reconstructive Surgery. 149, 6, p. 1371-1378 8 p.

Hand function in patients with distal radius fractures after home-based kinaesthetic motor imagery training

Broekstra, D. C., Mouton, L. J., van der Sluis, C. K., IJpma, F. F. A. & Stenekes, M. W., 1-Jun-2022, In: Journal of Hand Surgery-British and European Volume. 47, 6, p. 656-658 3 p.

Statistics in publishing: the (mis)use of the p-value (part 1)

Broekstra, D. C., de Boer, M. R. & Stunt, J. J., 1-Jun-2022, In: Journal of Hand Surgery: European Volume. 47, 6, p. 677-680 4 p.

Interpreting Quality-of-Life Questionnaires in Patients with Long-Standing Facial Palsy

Bruins, T. E., van Veen, M. M., Kleiss, I. J., Broekstra, D. C., Dijkstra, P. U., Ingels, K. J. A. O. & Werker, P. M. N., Apr-2022, In: Facial plastic surgery & aesthetic medicine. 24, 2, p. 75-80 7 p.

Echogenicity of Dupuytren's nodules is correlated to myofibroblast load and nodule hardness

Molenkamp, S., Song, W., Bloembergen, M., Broekstra, D. C. & Werker, P. M. N., 1-Mar-2022, In: Journal of Hand Surgery (European volume). 47, 3, p. 280-287 8 p.

Ervaringen in de eerste- en tweedelijns zorg van Dupuytren patiënten

Broekstra, D., 15-Feb-2022, 31 p.

Associations Between Clinician-Graded Facial Function and Patient-Reported Quality of Life in Adults With Peripheral Facial Palsy A Systematic Review and Meta-analysis: A Systematic Review and Meta-analysis

Bruins, T. E., van Veen, M. M., Werker, P. M. N., Dijkstra, P. U. & Broekstra, D. C., 1-Jul-2021, In: JAMA Otolaryngology. Head & Neck Surgery. 147, 8, p. 717-728 12 p.

Limited progression of subclinical Dupuytren's disease: results from a prospective cohort study

van den Berge, B. A., Werker, P. M. N. & Broekstra, D. C., 1-Apr-2021, In: Bone & joint journal. 103-B, 4, p. 704-710 7 p.

Beauty Is in the Eye of the Beholder: Esthetic Outcome Assessment in Smile Reanimation Surgery in Patients With Facial Palsy

van Veen, M. M., Broekstra, D. C., Mureau, M. A. M., Werker, P. M. N. & Dijkstra, P. U., 1-Jan-2021, In: Journal of Craniofacial Surgery. 32, 1, p. 159-163 5 p.

Reliability and Interpretability of Sonographic Measurements of Palmar Dupuytren Nodules

Molenkamp, S., van Straalen, R. J. M., Werker, P. M. N. & Broekstra, D., Jun-2020, In: The Journal of Hand Surgery. 45, 6, p. 488-494.e3 10 p.

Association of Socioeconomic, Personality, and Mental Health Factors With Health-Related Quality of Life in Patients With Facial Palsy

Bruins, T. E., van Veen, M. M., Mooibroek, T., Werker, P. M. N., Broekstra, D. C. & Dijkstra, P. U., Apr-2020, In: JAMA Otolaryngology. Head & Neck Surgery. 146, 4, p. 331-337 7 p.

Imaging for Dupuytren disease: a systematic review of the literature

Molenkamp, S., van Straalen, R. J. M., Werker, P. M. N. & Broekstra, D. C., 17-May-2019, In: BMC Musculoskeletal Disorders. 20, 1, 11 p., 224.

Echogenicity of Palmar Dupuytren's Nodules Is Not a Predictor of Disease Progression in Terms of Increase in Nodule Size

Molenkamp, S., Broekstra, D. C. & Werker, P. M. N., Mar-2019, In: Plastic and Reconstructive Surgery. 143, 3, p. 814-820 7 p.

A Weighted Genetic Risk Score Predicts Surgical Recurrence Independent of High-Risk Clinical Features in Dupuytren's Disease

Riesmeijer, S. A., Manley, O. W. G., Ng, M., Nolte, I. M., Broekstra, D. C., Werker, P. M. N. & Furniss, D., Feb-2019, In: Plastic and Reconstructive Surgery. 143, 2, p. 512-518 7 p.

Dupuytren disease is highly prevalent in male field hockey players aged over 60 years

Broekstra, D. C., van den Heuvel, E. R., Lanting, R., Harder, T., Smits, I. & Werker, P. M. N., Oct-2018, In: British Journal of Sports Medicine. 52, 20, p. 1327-1331 7 p.

Measurement properties of the Dutch Unite Rhumatologique des Affections de la Main and its ability to measure change due to Dupuytren's disease progression compared with the Michigan Hand outcomes Questionnaire
Broekstra, D. C., van den Heuvel, E. R., Lanting, R. & Werker, P. M. N., Oct-2018, In: Journal of Hand Surgery (European volume). 43, 8, p. 855-863 9 p.

A Systematic Review and Meta-Analysis on the Strength and Consistency of the Associations between Dupuytren Disease and Diabetes Mellitus, Liver Disease, and Epilepsy
Broekstra, D. C., Groen, H., Molenkamp, S., Werker, P. M. N. & van den Heuvel, E. R., Mar-2018, In: Plastic and Reconstructive Surgery. 141, 3, p. 367E-379E 13 p.

Early Postoperative Results of Percutaneous Needle Fasciotomy in 451 Patients with Dupuytren Disease
Molenkamp, S., Schouten, T. A. M., Broekstra, D. C., Werker, P. M. N. & Moolenburgh, J. D., Jun-2017, In: Plastic and Reconstructive Surgery. 139, 6, p. 1415-1421 7 p.

Epidemiology of Dupuytren disease unraveled: Prevalence, risk factors and disease course
Broekstra, D., 2017, [Groningen]: Rijksuniversiteit Groningen. 196 p.

The Intra- and Interobserver Agreement on Diagnosis of Dupuytren Disease, Measurements of Severity of Contracture, and Disease Extent
Broekstra, D. C., Lanting, R., van den Heuvel, E. R. & Werker, P. M. N., 2017, *Dupuytren Disease and Related Diseases : The Cutting Edge*. Werker, P. M. N., Dias, J., Eaton, C., Reichert, B. & Wach, W. (eds.). Springer, p. 211-215 5 p.

Intra- and inter-observer agreement on diagnosis of Dupuytren disease, measurements of severity of contracture, and disease extent
Broekstra, D. C., Lanting, R., Werker, P. M. N. & van den Heuvel, E. R., Aug-2015, In: Manual Therapy. 20, 4, p. 580-586 7 p.

A systematic review and meta-analysis on the prevalence of Dupuytren disease in the general population of Western countries
Lanting, R., Broekstra, D. C., Werker, P. M. N. & van den Heuvel, E. R., Mar-2014, In: Plastic and Reconstructive Surgery. 133, 3, p. 593-603 11 p.

Steroid Injections in Combination With Needle Aponeurotomy as a Treatment Method for Dupuytren Disease: Suggestions for Increasing the Research Evidence
Broekstra, D. C. & Werker, P. M. N., Nov-2012, In: The Journal of Hand Surgery. 37A, 11, p. 2429-2430 2 p.

Activities

(van) Onschatbare waarde - de kracht van Eurocat
Broekstra, D. (Invited speaker)
6-Dec-2024

Eurocat/SPSNN symposium
Broekstra, D. (Organiser)
8-Nov-2024

Trends in prevalence of orofacial clefts in northern Netherlands
Broekstra, D. (Speaker)
5-Jun-2024

Cluster Investigation - an example
Broekstra, D. (Speaker)
2-Oct-2023

Dupuytren's Disease is a work-related disorder: results of a population-based cohort study

van den Berge, B. (Contributor), Wiberg, A. (Contributor), Werker, P. (Contributor), Broekstra, D. (Speaker) & Furniss, D. (Contributor)
13-May-2023

Good data, wrong statistical methodology

Broekstra, D. (Invited speaker)
13-May-2023

Results of Scientific Research

Broekstra, D. (Invited speaker)
19-Sept-2022

Motor imagery training in rehabilitation after a distal radius fracture

Broekstra, D. (Speaker)
9-Jun-2022

Patient-reported hand function to predict surgery for Dupuytren's disease

Broekstra, D. (Speaker)
8-Jun-2022

Relevance of epidemiology to hand surgery

Broekstra, D. (Invited speaker)
8-Jun-2022

Statistics in publishing

Broekstra, D. (Invited speaker)
7-Jun-2022

What is the lifetime risk that a Dupuytren's patient has to undergo surgery?

Broekstra, D. (Speaker)
20-May-2022

Expert panelist

Broekstra, D. (Other)
14-Apr-2022

Prevalence, incidence of Dupuytren's disease, and lifetime risk of surgical treatment

Broekstra, D. (Speaker)
20-Oct-2021

introduction to Epidemiology

Broekstra, D. (Invited speaker)
8-Sept-2021

Prevalence, incidence of Dupuytren's disease, and lifetime risk of surgical treatment

Broekstra, D. (Speaker)
18-Jun-2021

Natural course of Dupuytren's disease

Broekstra, D. (Speaker)
18-Jun-2019

Prevalence, incidence of Dupuytren's disease, and lifetime risk of surgical treatment

Broekstra, D. (Speaker)

14-Jun-2019

Stichting Dupuytren Nederland (External organisation)

Broekstra, D. (Advisor)

Dec-2018

Can the URAM and MHQ PROMs measure Dupuytren's disease progression?

Broekstra, D. (Speaker)

30-Nov-2018

Journal of Hand Surgery (European volume) (Journal)

Broekstra, D. (Peer reviewer)

1-Oct-2017 → ...

University of Oxford

Broekstra, D. (Visiting researcher)

1-Oct-2017 → 31-Dec-2019

Can the URAM and MHQ PROMs measure Dupuytren disease progression?

Broekstra, D. (Speaker)

23-Jun-2017

The strength and consistency of the associations between Dupuytren disease and diabetes, epilepsy and liver disease

Broekstra, D. (Speaker)

21-Jun-2017 → 24-Jun-2017

The association between vibration and Dupuytren disease – a comparison between elderly field hockey players and controls

Broekstra, D. (Speaker)

19-Jun-2015

Intra- and inter-observer agreement on diagnosis and measurements of Dupuytren disease severity

Broekstra, D. (Speaker)

18-Jun-2015

A systematic review and meta-analysis on the association between Dupuytren disease and diabetes

Broekstra, D. (Speaker)

22-May-2015

The association between vibration and Dupuytren disease

Broekstra, D. (Speaker)

22-May-2015

Motor imagery after a distal radius fracture

Broekstra, D. (Invited speaker)

10-Oct-2014

Diagnosis and severity of Dupuytren's disease - a study on the inter- en intra-observer reliability

Broekstra, D. (Speaker)

4-Oct-2014

