



Robby De Pauw

SENIOR RESEARCHER, STATISTICIAN, EPIDEMIOLOGIST

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General information

- **Name:** Robby De Pauw
- **Date of Birth:** 25/07/1990
- **Place of Birth:** Asse
- **Nationality:** Belgian
- **Private adress:** Weversstraat 28, 9000 Ghent

Education

Ghent University

MSC. IN STATISTICAL DATA ANALYSIS

Ghent

2018 - 2019

Ghent University

PHD. IN HEALTH SCIENCES

Ghent

2013 - 2019

Ghent University

MSC. IN REHABILITATION SCIENCES AND PHYSIOTHERAPY

Ghent

2011 - 2013

Additional courses

Sciensano

INTRODUCTION TO SAS ENTERPRISE GUIDE

Belgium

2021

Imperial College London

EPIDEMIOLOGY FOR PUBLIC HEALTH SPECIALIZATION

UK

2021

Imperial College London

INFECTIOUS DISEASE MODELLING

UK

2020

FLAMES

SPATIAL STATISTICS AND DATA ANALYSIS

Belgium

2020

Johns Hopkins University

EPIDEMIOLOGY IN PUBLIC HEALTH PRACTICE SPECIALIZATION

United States

2020

IHME

GLOBAL BURDEN OF DISEASE (GBD) ONLINE TRAINING

United States

2020

TRIUM

ICH GCP E6 R2

Belgium

2020

T!Write

BASIC ICH-GCP AND ISO 14155

Belgium

2020

T!Write

QUALITY MANUAL SYSTEM TRAINING

Belgium

2020

FLAMES

INTRODUCTION TO STRUCTURAL EQUATION MODELLING (SEM)

Belgium

2019

FLAMES

FLAMES ANNUAL MEETING - GDPR

Belgium

2017

FLAMES

FLAMES SUMMER SCHOOL IN METHODOLOGY AND STATISTICS

Belgium

2014

FLAMES

ADVANCED ACADEMIC ENGLISH: WRITING SKILLS (LIFE SCIENCES & MEDICINE)

Belgium

2014

Ghent University

ADVANCED ACADEMIC ENGLISH: CONFERENCE SKILLS

Belgium

2014

Ghent University

FLAMES SUMMER SCHOOL IN METHODOLOGY AND STATISTICS

Belgium

2013

Ghent University

DOCTORAL TRAINING PROGRAM

Belgium

2013 - 2019

Professional experience

Ghent University

GUEST PROFESSOR IN EPIDEMIOLOGY AND STATISTICS

Belgium

2023 -

Sciensano

SENIOR RESEARCHER

Belgium

2020 -

Ghent University

POST-DOCTORAL RESEARCH ASSISTANT

Belgium

2020 - 2022

Breederode Hogeschool

TEACHER STATISTICS

Netherlands

2018 - 2023

Independent at Twrite

STATISTICAL CONSULTANT

Belgium

2018 -

Ghent University

RESEARCH ASSISTANT

Belgium

2013 - 2019

Independent

PHYSIOTHERAPIST – MANUAL THERAPIST

Belgium

2013 - 2018

Publications

1. Pires, Sara Monteiro and Wyper, Grant M. A. and Wengler, Annelene and Peñalvo, José L. and Haneef, Romana and Moran, Declan and Cuschieri, Sarah and Redondo, Hernan G. and De Pauw, Robby and McDonald, Scott A. and Moon, Lynelle and Shedrawy, Jad and Pallari, Elena and Charalampous, Periklis and Devleesschauwer, Brecht and Von Der Lippe, Elena. (2022). Burden of disease of COVID-19 : strengthening the collaboration for national studies. *FRONTIERS IN PUBLIC HEALTH*, 10, 8. %7Bhttp://dx.doi.org/10.3389/fpubh.2022.907012%7D
2. Cnockaert, Elise and Smeets, Rob and Beckers, Laura and Meeus, Mira and De Pauw, Robby and Van Oosterwijck, Jessica. (2022). Feelings of fatigue, annoyance, anger and hostility are predictive for reductions in pain-related disability following a multidisciplinary rehabilitation program for chronic musculoskeletal pain. *IASP 2022 World Congress on Pain, Abstracts*.
3. De Pauw, Robby and Claessens, Manu and Gorasso, Vanessa and Drieskens, Sabine and Faes, Christel and Devleesschauwer, Brecht. (2022). Past, present, and future trends of overweight and obesity in Belgium using Bayesian age-period-cohort models. *BMC PUBLIC HEALTH*, 22(1), 14. %7Bhttp://dx.doi.org/10.1186/s12889-022-13685-w%7D
4. Gorasso, Vanessa and Silversmit, Geert and Arbyn, Marc and Cornez, Astrid and De Pauw, Robby and De Smedt, Delphine and Grant, Ian and Wyper, Grant M. A. and Devleesschauwer, Brecht and Speybroeck, Niko. (2022). The non-fatal burden of cancer in Belgium, 2004–2019 : a nationwide registry-based study. *BMC Cancer*, 22(1), 10. %7Bhttp://dx.doi.org/10.1186/s12885-021-09109-4%7D
5. Cnockaert, Elise and Cagnie, Barbara and Meeus, Mira and Van Oosterwijck, Jessica and De Pauw, Robby. (2022). The presence of central sensitization in the continuum of migraine : a case control study. *Pain Science in Motion IV Congress 2022, Abstracts*.

6. Ghattas, Jinane and Gorasso, Vanessa and De Pauw, Robby and Thunus, Sophie and Speybroeck, Niko and Devleesschauwer, Brecht. (2022). The state of health in Belgium, 1990–2019 : a benchmarking analysis based on the Global Burden of Disease 2019 study. *ARCHIVES OF PUBLIC HEALTH*, 80(1), 16. %7Bhttp://dx.doi.org/10.1186/s13690-022-00976-2%7D
7. De Pauw, R., Dewitte, V., Hertogh, W. de, Cnockaert, E., Chys, M., & Cagnie, B. (2021). Consensus among musculoskeletal experts for the management of patients with headache by physiotherapists? A delphi study. *MUSCULOSKELETAL SCIENCE AND PRACTICE*, 52, 8. <http://dx.doi.org/10.1016/j.msksp.2021.102325>
8. Mukhtar, N. B., Meeus, M., Gursen, C., Mohammed, J., De Pauw, R., & Cagnie, B. (2021). Effectiveness of hands-off therapy in the management of primary headache: A systematic review and meta-analysis. *Evaluation and the Health Professions*.
9. Lenoir, Dorine and Cagnie, Barbara and Verhelst, Helena and De Pauw, Robby. (2021). Graph Measure Based Connectivity in Chronic Pain Patients: A Systematic Review. *PAIN PHYSICIAN*, 24(7), E1037–E1058.
10. Cruyt, E., De Vriendt, P., De Letter, M., Vlerick, P., Calders, P., De Pauw, R., Oostra, K., Rodriguez-Bailón, M., Szmalec, A., Merchán-Baeza, J. A., Fernández-Solano, A. J., Vidaña-Moya, L., & Van de Velde, D. (2021). Meaningful activities during COVID-19 lockdown and association with mental health in belgian adults. *BMC PUBLIC HEALTH*, 21, 15. <http://dx.doi.org/10.1186/s12889-021-10673-4>
11. Taccone, F. S., Van Goethem, N., De Pauw, R., Wittebole, X., Blot, K., Van Oyen, H., Lernout, T., Montourcy, M., Meyfroidt, G., Van Beckhoven, D., et al. (2021). The role of organizational characteristics on the outcome of COVID-19 patients admitted to the ICU in belgium. *The Lancet Regional Health-Europe*, 2, 100019.
12. Triest, D., Geebelen, L., Pauw, R. D., Craeye, S. D., Vodolazkaia, A., Verbrugghe, M., Magerman, K., Robben, L.-L., Pannus, P., Neven, K., Ramaekers, D., Gucht, S. V., Dierick, K., Loon, N. V., Goossens, M. E., & Desombere, I. (2021). Performance of five rapid serological tests in mild-diseased subjects using finger prick blood for exposure assessment to SARS-CoV-2. *Journal of Clinical Virology*, 142, 104897. <https://doi.org/10.1016/j.jcv.2021.104897>
13. Willaert, W., Malfliet, A., Coppieters, I., Lenoir, D., De Pauw, R., Danneels, L., Roussel, N., Meeus, M., Cagnie, B., Nijs, J., & Kregel, J. (2020). Does pain neuroscience education and cognition-targeted motor control training improve cervical motor output? Secondary analysis of a randomized clinical trial. *Pain Practice*, 20(6), 600–614.
14. VL, E., B, C., I, C., M, M., & R, D. P. (2020). Changes in muscle morphology in female chronic neck pain patients using magnetic resonance imaging. *Spine*. <https://doi.org/10.1097/brs.0000000000003856>
15. Pas, R., Rheel, E., Oosterwijck, S. V., Foubert, A., Pauw, R. D., Leysen, L., Roete, A., Nijs, J., Meeus, M., & Ickmans, K. (2020). Pain neuroscience education for children with functional abdominal pain disorders: A randomized comparative pilot study. *Journal of Clinical Medicine*, 9(6), 1797. <https://doi.org/10.3390/jcm9061797>
16. Pauw, R. D., Loooveren, E. V., Lenoir, D., Danneels, L., & Cagnie, B. (2020). Reliability and discriminative validity of a screening tool for the assessment of neuromuscular control and movement control in patients with neck pain and healthy individuals. *Disability and Rehabilitation*, 44(1), 139–147. <https://doi.org/10.1080/09638288.2020.1760948>
17. Pauw, R. D., Aerts, H., Siugzdaite, R., Meeus, M., Coppieters, I., Caeyenberghs, K., & Cagnie, B. (2019). Hub disruption in patients with chronic neck pain: A graph analytical approach. *Pain*, 161(4), 729–741. <https://doi.org/10.1097/j.pain.0000000000001762>
18. De Pauw, R., Coppieters, I., Caeyenberghs, K., Kregel, J., Aerts, H., Lenoir, D., & Cagnie, B. (2019). Associations between brain morphology and motor performance in chronic neck pain: A whole-brain surface-based morphometry approach. *Human Brain Mapping*.
19. Dewitte, V., De Pauw, R., Danneels, L., Bouche, K., Roets, A., & Cagnie, B. (2019). The interrater reliability of a pain mechanisms-based classification for patients with nonspecific neck pain. *Brazilian Journal of Physical Therapy*, 23(5), 437–447.
20. De Meulemeester, K., Calders, P., Van Dorpe, J., De Pauw, R., Petrovic, M., & Cagnie, B. (2019). Morphological differences in the upper trapezius muscle between female office workers with and without trapezius myalgia: Facts or fiction?: A cross-sectional study. *American Journal of Physical Medicine & Rehabilitation*, 98(2), 117–124.

21. De Pauw, R. (2019). *The motor brain in chronic neck pain: The association between sensorimotor disturbances and brain alterations in a population of patients with chronic neck pain* [PhD thesis]. Ghent University.
22. Pauw, R. D., & Pauw, R. D. (2019). HUB DISRUPTION IN PATIENTS WITH CHRONIC NECK PAIN: A GRAPH ANALYTICAL APPROACH. In *EFIC Congress 2019 - Pain in Europe XI*. <https://doi.org/10.26226/morressier.5d4434d506f5c40fc448233a>
23. Dewitte, V., De Pauw, R., De Meulemeester, K., Peersman, W., Danneels, L., Bouche, K., Roets, A., & Cagnie, B. (2018). Clinical classification criteria for nonspecific low back pain: A delphi-survey of clinical experts. *Musculoskeletal Science and Practice*, 34, 66–76.
24. Coppieters, I., De Pauw, R., Caeyenberghs, K., Lenoir, D., DeBlaere, K., Genbrugge, E., Meeus, M., & Cagnie, B. (2018). Differences in white matter structure and cortical thickness between patients with traumatic and idiopathic chronic neck pain: Associations with cognition and pain modulation? *Human Brain Mapping*, 39(4), 1721–1742.
25. Malfliet, A., Kregel, J., Coppieters, I., De Pauw, R., Meeus, M., Roussel, N., Cagnie, B., Danneels, L., & Nijs, J. (2018). Effect of pain neuroscience education combined with cognition-targeted motor control training on chronic spinal pain: A randomized clinical trial. *JAMA Neurology*.
26. De Pauw, R., Coppieters, I., Palmans, T., Danneels, L., Meeus, M., & Cagnie, B. (2018). Motor impairment in patients with chronic neck pain: Does the traumatic event play a significant role? A case-control study. *The Spine Journal*.
27. Lenoir, D., De Pauw, R., Ickmans, K., Schumacher, C., Timmers, I., Kregel, J., & Coppieters, I. (2018). Validity and test-retest reliability of the dutch modified perceived deficits questionnaire to examine cognitive symptoms in women with chronic whiplash, chronic idiopathic neck pain, and fibromyalgia. *Pain Practice*, 18(7), 850–863.
28. Goubert, D., Meeus, M., Willems, T., De Pauw, R., Coppieters, I., Crombez, G., & Danneels, L. (2018). The association between back muscle characteristics and pressure pain sensitivity in low back pain patients. *Scandinavian Journal of Pain*, 18(2), 281–293.
29. Dewitte, V., De Pauw, R., Danneels, L., Bouche, K., Roets, A., & Cagnie, B. (2018). The interrater reliability of a pain mechanisms-based classification for patients with nonspecific neck pain. *Brazilian Journal of Physical Therapy*.
30. Malfliet, A., Coppieters, I., Van Wilgen, P., Kregel, J., De Pauw, R., Dolphens, M., & Ickmans, K. (2017). Brain changes associated with cognitive and emotional factors in chronic pain: A systematic review. *European Journal of Pain*, 21(5), 769–786.
31. Goubert, D., De Pauw, R., Meeus, M., Willems, T., Cagnie, B., Schouppe, S., Van Oosterwijck, J., Dhondt, E., & Danneels, L. (2017). Lumbar muscle structure and function in chronic versus recurrent low back pain: A cross-sectional study. *Spine Journal*, 17(9), 1285–1296.
32. Coppieters, I., De Pauw, R., Caeyenberghs, K., Danneels, L., Kregel, J., Pattyn, A., Meeus, M., & Cagnie, B. (2017). Decreased regional grey matter volume in women with chronic whiplash-associated disorders : Relationships with cognitive deficits and disturbed pain processing. *PAIN PHYSICIAN*, 20(7), E1025–E1051.
33. Coppieters, I., De Pauw, R., Caeyenberghs, K., Danneels, L., Kregel, J., Pattyn, A., Meeus, M., & Cagnie, B. (2017). Decreased regional grey matter volume in women with chronic whiplash-associated disorders: Relationships with cognitive deficits and disturbed pain processing. *Pain Physician*, 20(7), E1025–E1051.
34. Coppieters, I., De Pauw, R., Kregel, J., Malfliet, A., Goubert, D., Lenoir, D., Cagnie, B., & Meeus, M. (2017). Differences between women with traumatic and idiopathic chronic neck pain and women without neck pain: Interrelationships among disability, cognitive deficits, and central sensitization. *Physical Therapy*, 97(3), 338–353.
35. Kregel, J., Coppieters, I., De Pauw, R., Malfliet, A., Danneels, L., Nijs, J., Cagnie, B., & Meeus, M. (2017). Does conservative treatment change the brain in patients with chronic musculoskeletal pain? : A systematic review. *PAIN PHYSICIAN*, 20(3), 139–154.
36. Kregel, J., Coppieters, I., De Pauw, R., Malfliet, A., Danneels, L., Nijs, J., Cagnie, B., & Meeus, M. (2017). Does conservative treatment change the brain in patients with chronic musculoskeletal pain?: A systematic review. *Pain Physician*, 20(3), 139–154.

37. De Pauw, R., Coppieters, I., Meeus, M., Caeyenberghs, K., Danneels, L., & Cagnie, B. (2017). Is traumatic and non-traumatic neck pain associated with brain alterations? : A systematic review. *PAIN PHYSICIAN*, 20(4), 245–260.
38. De Pauw, R., Coppieters, I., Meeus, M., Caeyenberghs, K., Danneels, L., & Cagnie, B. (2017). Is traumatic and non-traumatic neck pain associated with brain alterations?: A systematic review. *Pain Physician*, 20(4), 245–260.
39. Goubert, D., De Pauw, R., Meeus, M., Willems, T., Cagnie, B., Schouppe, S., Van Oosterwijck, J., Dhondt, E., & Danneels, L. (2017). Lumbar muscle structure and function in chronic versus recurrent low back pain: A cross-sectional study. *The Spine Journal*, 17(9), 1285–1296.
40. De Meulemeester, K., Calders, P., De Pauw, R., Grymonpon, I., Govaerts, A., & Cagnie, B. (2017). Morphological and physiological differences in the upper trapezius muscle in patients with work-related trapezius myalgia compared to healthy controls: A systematic review. *Musculoskeletal Science and Practice*, 29, 43–51.
41. Coppieters, I., Meeus, M., Kregel, J., Caeyenberghs, K., De Pauw, R., Goubert, D., & Cagnie, B. (2016). Relations between brain alterations and clinical pain measures in chronic musculoskeletal pain: A systematic review. *Journal of Pain*, 17(9), 949–962.
42. Coppieters, I., Cagnie, B., Nijs, J., Van Oosterwijck, J., Danneels, L., De Pauw, R., & Meeus, M. (2016). Effects of stress and relaxation on central pain modulation in chronic whiplash and fibromyalgia patients compared to healthy controls. *Pain Physician*, 19(3), 119–130.
43. Goubert, D., Meeus, M., Willems, T., De Pauw, R., Coppieters, I., Crombez, G., & Danneels, L. (2016). Is there a relationship between muscle characteristics and pain mechanisms in low back pain : An explorative study. *Back to Specific Low Back Pain : 8th Biennial Congress of the Belgian Back Society : Programma/Programme and Abstracts*, abstract P13:52–abstract P13:52.
44. Coppieters, I., Meeus, M., Kregel, J., Caeyenberghs, K., De Pauw, R., Goubert, D., & Cagnie, B. (2016). Relations between brain alterations and clinical pain measures in chronic musculoskeletal pain: A systematic review. *The Journal of Pain*, 17(9), 949–962.
45. Coppieters, I., Ickmans, K., Cagnie, B., Nijs, J., De Pauw, R., & Meeus, M. (2015). Cognitive performance is related to central sensitization in patients with chronic whiplash-associated disorders and fibromyalgia: A case-control study. *Pain Science in Motion Congress*.
46. De Pauw, R., Coppieters, I., Kregel, J., De Meulemeester, K., Danneels, L., & Cagnie, B. (2015). Does muscle morphology change in chronic neck pain patients?—a systematic review. *Manual Therapy*.
47. De Pauw, R., Kregel, J., De Blaiser, C., Van Akeleyen, J., Logghe, T., Danneels, L., & Cagnie, B. (2015). Identifying prognostic factors predicting outcome in patients with chronic neck pain after multimodal treatment: A retrospective study. *Manual Therapy*, 20(4), 592–597.
48. Coppieters, I., Ickmans, K., Cagnie, B., Nijs, J., De Pauw, R., Noten, S., & Meeus, M. (2014). Cognitive performance is related to central sensitization and health-related quality of life in patients with chronic whiplash-associated disorders and fibromyalgia. *Pain Physician*, 18(3), E389–E401.
49. Coppieters, I., De Pauw, R., Caeyenberghs, K., Cagnie, B., Danneels, L., & Meeus, M. (n.d.). *ALTERED GREY MATTER MORPHOLOGY OF PAIN PROCESSING REGIONS IN CHRONIC WHIPLASH PATIENTS: PRELIMINARY RESULTS*.

Projects

JA NCD Prevent, a EU-funded Joint Action

EU

- Pilot lead

Sciensano

2024

NEED, a Belspo INFRA-FED project that aims to evaluate the unmet health-related needs in Belgium

BELSPO

- Co-supervisor

Sciensano

2023

TELEHEALTH, a WEAVE project that aims to unravel the impact of telework on health

WEAVE-FWO-FNRS

- Co-supervisor

Sciensano

2023

HELICON, a Belspo BRAIN-be project that aims to unravel the social inequalities and the long-term and indirect health effects of the COVID-19 crisis in Belgium

BRAIN-BELSPO

- Coordination

Sciensano

2021

Vitaal en gezond telewerken

GEZOND LEVEN

- Writing

Ghent University

2021

BeBoD: Belgian Burden of Disease study

LIFESTYLE AND CHRONIC DISEASES

- Coordination

Sciensano

2021

Seroprevalence surveillance among Belgian blood donors

INFECTIOUS DISEASES

- Supervisor

Sciensano

2020

Teaching

2022 Advanced Shiny Course

Sciensano

2020 Basic R course

Sciensano

2018 Introduction to statistics for the manual therapist

Breederode

Hogeschool

2018 Advanced statistics for the manual therapist

Breederode

Hogeschool

2017 - Evidence-Based Medicine and Statistics I

Ghent University

2017 - Evidence-Based Medicine and Statistics III

Ghent University

Presentation (first author)

2015	Does cervical muscle morphology changes in chronic neck pain patients? – a systematic review	Belgian Back Society
2015	Changes in brain morphology in patients with traumatic and non-traumatic neck pain.	European Congress for Manual Therapy
2015	Are morphological alterations in patients with chronic neck pain associated with motor control?	EFIC
2016	Changes in morphology in brain regions implicated in motor control: an association with motor behavior in patients with chronic neck pain?	IFOMPT
2016	Discontinuation in the motor network of patients with chronic neck pain: An exploratory graph analysis approach.	Faculty Research Day
2016	Influence of kinesiphobia and symptoms of central sensitization on motor behaviour in patients with chronic neck pain	IFOMPT
2016	Alterations in the motor network of patients with chronic neck pain: An exploratory graph theoretical analysis approach.	IFOMPT
2016	From research to manual practice.	Mathera
2016	Exercise Therapy Neck Pain.	Kinekring Deinze
2017	Are central neuroplastic alterations of brain morphology involved in chronic neck pain?	OHBM
2017	Is traumatic and non-traumatic neck pain associated with brain alterations? - a systematic review	Pain Science in Motion
2018	Manipulation of the brain in patients with chronic whiplash associated disorders: role of the manual therapist	University Valencia
2021	Rise of R in public health research institute	Rmeetup
2022	Projecting the prevalence of overweight and obesity with a Bayesian APC model	European Public Health Conference
2022	Determining the disease burden of injuries: methodological considerations	European Public Health Conference
2023	Tackling barriers in disease burden estimates of injuries	European Public Health Conference
2024	The use of INLA as alternative to MCMC in epidemiological regression models: case studies from the Belgium national burden of disease study	SBED Conference

Memberships and associations

2013	Member of the Spine Research Unit Ghent. Dept. of Rehabilitation Sc.	Ghent University
2016	Member of the education committee of the MSc. In Statistical Data analysis	Ghent University
2014	Member of the Alumni REVAKI	Ghent University
2020	Member of EU COST ACTION - CA18218 - European Burden of Disease Network	European Research Council
2020	Section Editor Archives of Public Health - Physical activity	Archives of Public Health
2021	Member of R USER GROUP	Sciensano
2022	Member of the scientific committee of the Dept. of Rehabilitation Sc.	Ghent University

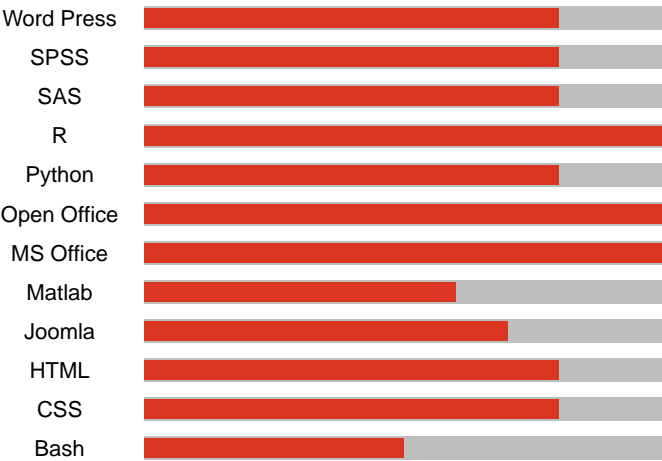
International stays

2016	International teacher's week, Seinäjoki University of applied sciences	Finland
2018	Research stay at University of Birmingham	United Kingdom
2022	International meet-up on NCD - research day	Germany

2018	The role of fatty infiltration and cross sectional area of the cervical muscles in patients with chronic neck pain - Lins Pieter and Pattyn Niels	Ghent University - Rehabilitation
2014	De ontwikkeling van een testprotocol voor het onderzoeken van veranderingen in spierfunctie en -structuur bij patiënten met chronische idiopathische nekpijn en patiënten met chronische whiplash associated disorders - Servaas Breyne	Ghent University - Rehabilitation
2021	The presence of central sensitization in episodic and chronic migraine patients - a pilot study - Braem Liese-Lotte, Chaoui Meriem and Claeys Larissa	Ghent University - Rehabilitation
2017	Clinical assessment of neuromuscular control in patients with neck pain and healthy controls: Are the Craniocervical Flexion Test and Scapular Holding Test reliable measurements? - Margo De Nys and Fien De Schrijver	Ghent University - Rehabilitation
2021	What are the risk factors for developing a first episode of migraine? - Obe Spillebeen, Maike Timmerman, and Lotte Timmermans	Ghent University - Rehabilitation
2017	How to make the right decision for neck pain patients regarding physiotherapy? Critical factors for each dysfunction pattern. - Deboiserie Lieze and Defrancq Josephine-Charlotte	Ghent University - Rehabilitation
2019	Determination of clinical characteristics for classifying nonspecific neck pain patients based on the dominant pain mechanism - a cross-sectional study. - Maaïke Smessaert and Lien Van Heesvelde	Ghent University - Rehabilitation
2021	Cross-sectional study - Disrupted brain networks in patients with chronic neck pain - Nagels L., Place L., and Van Driessche K.	Ghent University - Rehabilitation
2021	The correlation between white matter and motor function - Judith Luca and Josien De Vleeschauwer	Ghent University - Rehabilitation
2019	Effect of a tailored physiotherapy treatment program compared to usual care in patients with headache: a pilot study focusing on headache diaries. - Beeuwsaert Frédéric, De Middeleer Hannes, and De Pelsemaeker Johannes	Ghent University - Rehabilitation
2019	Clinical decision making in patients with headache Which clinical algorithm suits the patient better? - Melissa Reynvoet, and Janie Schepens	Ghent University - Rehabilitation
2020	Consensus on the most effective treatment strategies for patients with tension-type headache, migraine and cervicogenic headache - A Delphi study. - Hannelore De Beule, Caro De Cuyper, and Fien De Cuyper	Ghent University - Rehabilitation
2016	Potential structural alterations in the brain associated with chronic neck pain: The influence on motor outcome? - Hanne Mahieu and Loes Meulepas	Ghent University - Rehabilitation
2019	Are morphological cervical muscle changes associated with central pain measures found in chronic neck pain patients? A case-control study. - Gert Bosschaert, Elien De Witte and Samuel Halsberghe	Ghent University - Rehabilitation
2019	From clinical indicators to therapeutic approach in the conservative treatment of headache - a first-staged delphi survey - Brian Bartholomeus, Martijn Callens, and Jakob Marcou	Ghent University - Rehabilitation
2018	Which role does csa and fat infiltration of cervical musculature play in patients with chronic neck pain? - Axelle Bossuyt and Lara Bonneure	Ghent University - Rehabilitation
2018	Determination of clinical characteristics predictive for classifying nonspecific neck pain patients based on dominant pain mechanisms - a cross-sectional cohort study - Aurélie Defreyne and Sander Denolf	Ghent University - Rehabilitation
2020	Reliability of a physiotherapeutical test-battery in patients with headache and healthy controls - cross-sectional study	Ghent University - Rehabilitation
2020	Risk factors predicting the transformation of episodic to chronic tension-type headache - Anna Pringiers, Mathilde Pringiers, and Marie Vandeputte	Ghent University - Rehabilitation
2021	Modeling of COVID-19 data: can we foresee the near future? - Vinoth Ram Rajendran	Ghent University - Statistical data analysis
2022	Understanding and projecting the impact of musculoskeletal complaints with age-period-cohort models. - Tijmen Saeys	Ghent University - Statistical data analysis
2022	Understanding and projecting the impact of musculoskeletal disorders with age-period-cohort models. - Capwell Forbang Echo	Ghent University - Statistical data analysis
2023	Projecting the burden of non-communicable diseases to the year 2030 - a microsimulation modelling study - Laura Surdiacourt	Ghent University - Statistical data analysis
2023	Health and economic impact of heart failure in Belgium - Antonio Barrenechea Pulache	Antwerp University - Epidemiology

Professional skills

PROGRAMMING AND STATISTICS



LANGUAGES

Language	Reading	Speaking	Writing
Dutch	+++++	+++++	+++++
English	+++++	+++++	+++++
French	++++	+++	++++
German	++	+	+