

Vincent DEWITTE

PERSONALIA

Name	Dewitte
First name	Vincent Jean-Jacques Albertina
Nationality	Belgian
Birth date	Ghent (Belgium), 19 september 1983
Civil state	Married with Sofie Bode
Children	Ellanoa and César

CURRENT WORK ADDRESS

Vincent Dewitte, PhD
 Spine, Head and Pain Research Unit, Department of Rehabilitation Sciences, Ghent University
<https://www.ugent.be/ge/revu/en/research/spine/overzicht.htm>
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EMPLOYMENT HISTORY**Research experience**

2019-2024	Postdoctoral researcher, Department of Rehabilitation Sciences, Faculty of Medicine & Health Sciences, Ghent University (Belgium)
2013-2018	PhD-student, Department of Rehabilitation Sciences, Faculty of Medicine & Health Sciences, Ghent University (Belgium)

Teaching experience

2013-present	Teacher Bachelor & Master in Rehabilitation & Physiotherapy Program Department of Rehabilitation Sciences, Ghent University (Belgium)
2008-2012	Assistant Teacher Bachelor & Master in Rehabilitation & Physiotherapy Program Department of Rehabilitation Sciences, Ghent University (Belgium)
2016-present	Invited Teacher Musculoskeletal Physiotherapy Postgraduate Program Department of Rehabilitation Sciences, Ghent University (Belgium)

2013-present Teacher Musculoskeletal Physiotherapy Postgraduate Program
Department of Rehabilitation Sciences, Faculty of Kinesiology & Rehabilitation Sciences, University of Leuven (Belgium)

2008-2012 Assistant Teacher Musculoskeletal Physiotherapy Postgraduate Program
Department of Rehabilitation Sciences, Ghent University (Belgium)

Clinical Experience

2006-present Independent Physiotherapist – Manual Therapist

2017-present Independent Personal Trainer

2013-present Private Physiotherapy Clinic (Ghent)

2011-2013 Flanders Athletics League (Topsportschool Atletiek – Ghent)

2007-2012 Private Physiotherapy Clinic (Deurle)

2006-2007 Private Physiotherapy Clinic (Mariakerke)

EDUCATION PROGRESS

2019-2024 Postdoctoral researcher, Department of Rehabilitation Sciences, Faculty of Medicine & Health Sciences, Ghent University (Belgium)

Prevention of neck and back complaints in sedentary desktop workers.

Promotor: Prof. Dr. Barbara Cagnie

2013-2018 PhD in Health Sciences, Department of Rehabilitation Sciences, Faculty of Medicine & Health Sciences, Ghent University

Neck pain ≠ neck pain: a pain mechanisms-based reasoning strategy to identify distinct clinical patterns in patients with nonspecific neck pain

Promotor: Prof. Dr. Barbara Cagnie

2017 NASM Certified Personal Trainer, EQF level 6 in The European Register of Exercise Professionals (Physical Coaching Academy, Belgium)

2006-2007 Postgraduate degree in Musculoskeletal Physiotherapy, Department of Rehabilitation Sciences, Faculty of Medicine & Health Sciences, Ghent University

2001-2006 Master in Health Sciences, Department of Rehabilitation Sciences, Faculty of Medicine & Health Sciences, Ghent University

ADDITIONAL COURSES, TRAINING & CONFERENCES

2025

Admin4Kine. CM Gezondheidsfonds Vlaanderen (Belgium)

2024

Prevention of low back and neck pain - Collen-Francqui Chair 2024 - Prevention of low back and neck pain: from primary prevention to preventing the transition from acute to chronic pain. B. Cagnie, UCLouvain (Belgium)

Back Rehab: past - present - future'. Honorary symposium. Paul W. Hodges, Ghent University, ACREHAB (Belgium)

Mastering Muscle Tendon Injuries - Spierpeesblessures in het onderste kwadrant: van theorie naar praktijk. E. Witvrouw, E. Wezenbeek & M. Heylen, Ghent University, ACREHAB (Belgium)

Train The Trainer: Medisch Kinesitherapeutisch Overleg (MKO) over lage rugpijn. AXXON, Domus Medica en Huis voor Gezondheid (Belgium)

2023

European Congress Manual Therapy: Patiënt-centered care: a key to empower manual therapy. Various (inter)national speakers, Manual Therapy Association Belgium, Ghent (Belgium)

FIRRI symposium - Recent advances in rehabilitation of cardiorespiratory and internal diseases: Eat and exercise your tissues into shape. Various (inter)national speakers, Flemish Interuniversity Research for Rehabilitation in Internal diseases, Ghent (Belgium)

Value-based healthcare: benefits and barriers. P. van der Nat, Ghent University (Belgium)

Comon Expertmeeting: Innovatieve oplossingen voor bewegingsuitdagingen van de Gentenaars. Various national speakers, Ghent University, Comon (Belgium)

Knowledge 2 Connect Seminars: Managing stress and building resilience for researchers. C Brys, Ghent University, Kenniscentrum voor de Gezondheidszorg Gent (Belgium)

Preventie van blessures en overtraining: een 3-dimensionele aanpak. L. Itterbeek, Ghent University, ACREHAB (Belgium)

Biomechanical Running Analysis and Gait Retraining: critical appraisal and clinical implementation of new technologies. K. Schütte, Ghent University, ACREHAB (Belgium)

2022

Train The Trainer: Medisch-Kinesitherapeutisch Overleg. A. Akin, Huis voor Gezondheid, AXXON en Domus Medica (Belgium)

De invloed van vermoeidheid, motivatie en spiervezeltype op sportprestaties: aangrijpingspunten voor trainers en zorgprofessionals. E. Lievens, Ghent University, ACREHAB (Belgium)

Impact van voeding op revalidatie. B. Cardaña Cutillas, Next Academy (Belgium)

Knowledge 2 Connect Seminars: Creativity as a driver to innovation to healthcare. P. Vermeir, Ghent University, Kenniscentrum voor de Gezondheidszorg Gent (Belgium)

Integreer leefstijl in je fysiotherapeutisch handelen bij musculoskeletale klachten. J. Wonders, DenkFysio (The Netherlands)

Een peer review organiseren en modereren binnen een LOKK. B. Zwaenepoel, Pro-Q-Kine (Belgium)

Praktijkmanagement: Succesvol samenwerken binnen de kinesitherapie. R. Cuypers, T. Barbe, THE HIVE (Belgium)

2021

Klinische evaluaties: een stap verder. Pro-Q-Kine (Belgium)

Non-running physical activity as a predictor for running injury. A. Gruber, IMHSeminar (Belgium)

Universiteit Gent, IMHSeminar (België)

Sportinnovatiecongres 2021: Samen op koers. Various national speakers, Sport Vlaanderen (Belgium)

De bewegingsdriehoek en de nieuwe Vlaamse gezondheidsaanbevelingen, R. Van Acker, AXXON (Belgium)

Feedback geven aan studenten op de stagewerkvloer, ACREHAB (Belgium)

Aan de slag met Design Thinking, J. Coenraets, R. Nafzger, J. Teerlinck, DO! en Ministry of Makers (Belgium)

Schouderblessures bij de bovenhandse sporter, K. Flipkens, L. Cant, A. Cools, S. Vereecken, A. Van Tongel, A. Karelse, L. De Wilde, T. Van Isacker, H. Van der Bracht, KNWV (Belgium)

Inspanningsfysiologie en Trainingsopbouw, J. Verreydt, Smarteducation (Belgium)

Hoe trainingsintensiteit bepalen en voorschrijven in de cardiovasculaire revalidatie?, D Hansen, REVAL Academy, Hasselt (Belgium)

Knowledge 2 Connect Seminars, The Knowledge Centre Ghent (Belgium)

Image manipulation: the do's and don'ts in scientific publications, E. Boxheimer

Tools for a strategic and successful societal impact policy, E. Desmet

How to improve your networking skills? D. Verhoye

How to (get) hire(d)? V. De Schampheleere, Vlerick Business School (Belgium)

Seminaries Onderwijskunde 2021: Doordacht Digitaal, UGent, HO Gent, Arteveldehogeschool, Howest, Associatie Universiteit Gent (Belgium)

User experience copywriting: hoe maak je leermateriaal binnen online leeromgevingen gebruiksvriendelijk? A. Vanechoutte (Arteveldehogeschool)

Digitaal doceren met impact, L. Vandeputte (Kill your darlings)

2020

Rotator cuff scheuren: update, A. Van Tongel, A. Cools, D. Borms, K. Kuppens, H. Van der Brach, KNWV (Belgium)

Van top zorgverstreker naar ondernemer in de zorg, L. Poelaert, ACREHAB (Belgium)

Evidence Based Practice voor Kinesitherapeuten, Pro-Q-Kine (Belgium)

2019

The Impact of Science Communication, E. Werbrouck, E. De Smet, J. Trachet, F. Bressan, W. Daenen, S. Baert, Postdoc Community UGent, Ghent University (Belgium)

European Congress Manual Therapy: "Manual Therapy: the future aHEAD / Cervico-cephalic complaints, C. Worsfold, C. Visscher, W. de Hertogh, S. Michiels, S. Reid, J. Bialosky, Manual Therapy Association, Antwerp (Belgium)

2018

Public speaking for researchers, H. Van de Water, The Floor is Yours (Belgium)

Search Engine Optimization – Basic Course, S. Verhaegen, Google (Belgium)

Knowledge 2 Connect Seminars, The Knowledge Centre Ghent (Belgium)

Research integrity, S. Van der Burght

How to get your message across effectively: the science of storytelling, H. Helsmoortel

How can I turn my manuscripts into an article, C. Surridge

EMBASE as source for biomedical literature, R. Sankey

2017

NASM Certified Personal Trainer, Physical Coaching Academy (Belgium)

EQF level 6 in The European Register of Exercise Professionals

Plunge into your own business plan (Summer school), B. Sas, X. Gellynck, I. Sioen, H. De Steur, Ph. Jacobs, Food2Know, Ghent University (Belgium)

Sprong en landing, N. Audooren, J. Vanrenterghem, ACREHAB (Belgium)

European Congress Manual Therapy: Extremities in Manual Therapy, I. Baert, C. Cook, B. Dingenen, A. Grimaldi, J. Lewis, F. Struyf, E. Witvrouw, Manual Therapy Association, Brussels (Belgium)

Dry Needling Course – Basic & Advanced Module Lower Quadrant, Dry Needling Gent (Belgium)

2016

Journées de Thérapie Manuelle Orthopédique, P. O'Sullivan, F. Grondin, J. Nijs, OMT France, Lille (France)

IFOMPT 2016 – Expanding Horizons, Various International speakers, IFOMPT, Glasgow (UK)

2015

Journées de Thérapie Manuelle Orthopédique, B. Hidalgo, B. Cagnie, L. Danneels, OMT France, Lille (France)

Basis voor verantwoorde krachttraining, J. Bourgois, Centrum voor Sportgeneeskunde UZ Gent (Belgium)

Concurrent training: combinatie van kracht en uithouding, J. Boone, Centrum voor Sportgeneeskunde UZ Gent (Belgium)

Direct Access Physiotherapy, J. A. Simons, University of Leuven (Belgium)

2014

IFOMPT Teachers Meeting, Various international speakers, IFOMPT Teachers Meeting, Utrecht (The Netherlands)

Belgian Back Society – Neck Complaints: a 360° View, Various international speakers, BBS, Ghent (Belgium)

Statistical Parametric Mapping – Basic course, T. Pataky, M. Robinson, J. Vanrenterghem (Belgium)

2013

Statistics – Introduction to SPSS, E. Goetghebuer, IPVW (Belgium)

2010

Craniocervical & Craniomandibular dysfunctions, M. Rocabado, Institute for Permanent Education, Ghent University (Belgium)

2009

Clinical Neurodynamics – Upper & Lower Quadrant Module, M. Shacklock, Institute for Permanent Education, Ghent University (Belgium)

Muscle Energy Techniques – Lower back & Pelvis, Cervical & Thoracic Spine Module, B. Hungerford, Institute for Permanent Education, Ghent University (Belgium)

CURRENT PROFESSIONAL MEMBERSHIP

- Musculoskeletal Physiotherapy Postgraduate Steering Committee (MT Gent, Ghent University)
- Belgian Physiotherapy Professional Association (AXXON)

RESEARCH AREA & INTERESTS

- Development, implementation, and evaluation of health promotion in different settings (home-environment, workplace)
- Physical activity & sedentary behaviour
- Musculoskeletal disorders of the spine
- Clinical Reasoning, diagnostics, treatment & prevention
- Rehabilitation, Musculoskeletal Physical therapy, and Exercise therapy

PUBLICATIONS IN INTERNATIONAL PEER-REVIEWED JOURNALS

1. Chys M, De Meulemeester K, De Sloovere M, De Greef I, **Dewitte V**, Cagnie B. Evaluating the effectiveness of patient-tailored treatment for patients with non-specific (sub)acute neck pain. *Musculoskelet. Sci. Pract* 2025;75; doi.org/10.1016/j.msksp.2024.103235
2. **Dewitte V***, De Pauw R*, De Meulemeester K, Danneels L, Bouche K, Roets A, Cagnie B. Identifying meaningful clusters for a pain mechanism-based reasoning model for nonspecific neck pain: a cross-sectional study. Submitted in *Clin J Pain* (October, 2021).
(* shared first author)
3. Chys M, Cagnie B, De Meulemeester K, Bontinck J, Meeus M, **Dewitte V**. Evaluating the effectiveness of patient tailored treatment for patients with non-specific low back pain : a systematic review. *Musculoskelet. Care* 2022; doi: 10.1002/msc.1572.
4. Bashir Mukhtar N, Meeus M, Gursen C, Mohammed J, **Dewitte V**, Cagnie B. Development of culturally sensitive pain neuroscience education materials for Hausa-speaking patients with chronic spinal pain : a modified Delphi study. *PLoS One* 2021;16(7).
5. De Pauw R, **Dewitte V**, de Hertogh W, Cnockaert E, Chys M, Cagnie B. Consensus among musculoskeletal experts for the management of patients with headache by physiotherapists? A Delphi study. *Musculoskelet. Sci. Pract* 2021;52
6. **Dewitte V***, De Pauw R*, Danneels L, Bouche K, Roets A, Cagnie B. The interrater reliability of a pain mechanisms-based classification for patients with nonspecific neck pain. *Braz. J. Phys. Ther* 2019;23(5):437-447.
(* shared first author)
7. **Dewitte V**, De Pauw R, De Meulemeester K, Peersman W, Danneels L, Bouche K, Roets A, Cagnie B. Clinical classification criteria for nonspecific low back pain : a Delphi-survey of clinical experts. *Musculoskelet. Sci. Pract* 2018;34:66-76.
8. De Meulemeester K, Calders P, **Dewitte V**, Barbe T, Danneels L, Cagnie B. Surface Electromyographic Activity of the Upper Trapezius Before and After a Single Dry Needling Session in Female Office Workers With Trapezius Myalgia. *Am J Phys Med Rehabil* 2017;96:861-868.
9. **Dewitte V**, Peersman W, Danneels L, Bouche K, Roets A, Cagnie B. Subjective and clinical assessment criteria suggestive for five clinical patterns discernible in nonspecific neck pain patients. A Delphi-survey of clinical experts. *Man Ther* 2016;26:87-96.
10. **Dewitte V**, Cagnie B, Barbe T, Beernaert A, Vanthillo B, Danneels L. Articular dysfunction patterns in patients with mechanical low back pain: A clinical algorithm to guide specific mobilization and manipulation techniques. *Man Ther* 2015;20:499-502.
11. **Dewitte V**, Beernaert A, Vanthillo B, Barbe T, Danneels L, Cagnie B. Articular dysfunction patterns in patients with mechanical neck pain: a clinical algorithm to guide specific mobilization and manipulation techniques. *Man Ther* 2014;19:2-9.
12. Cagnie B, **Dewitte V**, Coppieters I, Van Oosterwijck J, Cools A, Danneels L. Effect of ischemic compression on trigger points in the neck and shoulder muscles in office workers: a cohort study. *J Manipulative Physiol Ther* 2013;36:482-9.
13. Cagnie B, **Dewitte V**, Barbe T, Timmermans F, Delrue N, Meeus M. Physiologic effects of dry needling. *Current Pain & Headache Rep* 2013; 17:348.

14. Cools A, **Dewitte V**, Lanszweert F, Notebaert D, Roets A, Soetens B, Cagnie B, Witvrouw E. Rehabilitation of scapular muscle balance: which exercises to prescribe? Am J Sports Med 2007;35:1744-51.

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PUBLICATIONS IN PEER-REVIEWED BOOKS

1. Cagnie B, Barbe T, Beernaert A, Bouche K, Descheemaeker, De Corte K, De Ridder R, **Dewitte V**, Leten K, Maere B, Parlevliet T, Vanden Borre K, Van Eeckhoven T, Vanthillo B. Klinisch Onderzoek van de Cervicale Wervelkolom. Wommelgem: VAN IN - De Boeck, 2017.
2. Beernaert A, Cagnie B, Vanthillo B, Barbe T, **Dewitte V**. Mobilisaties en manipulaties van de wervelkolom. Wommelgem: VAN IN - De Boeck, 2016.

NATIONAL & INTERNATIONAL CONFERENCE PRESENTATIONS & WORKSHOPS

- | | |
|-------------|--|
| 2016 | <p>Subjective & Clinical Assessment Criteria Suggestive for 5 Clinical Patterns Discernible in Nonspecific Neck Pain Patients. A Delphi-Survey of Clinical Experts.</p> <p>Oral presentation, IFOMPT 2016 - Expanding Horizons, Glasgow (The United Kingdom)</p>
<p>Un Algorithme Clinique pour l'Application de Mobilisations & Manipulations Selon la Douleur</p> <p>Oral presentation & workshop, Journées de Thérapie Manuelle Orthopédique, OMT France, Lille (France)</p>
<p>Physiological Effects of Mobilizations & Manipulations</p> <p>Oral presentation, LOKK Kinekring Oudenaarde, Ronse (Belgium)</p> |
| 2015 | <p>Oral presentation & workshop, Journées de Thérapie Manuelle Orthopédique, OMT France, Lille (France)</p>
<p>Low Back Pain from a Manual Therapist's Perspective</p> <p>Oral presentation, LOKK Kinekring Aalst, Aalst (Belgium)</p> |

- 2014**
- Articular Dysfunction Patterns in Patients with Mechanical Neck Pain: a Clinical Algorithm to Guide Specific Mobilization & Manipulation Techniques
- Oral presentation, Belgian Back Society – Neck Complaints: a 360° View, Ghent (Belgium)
- Oral presentation, IFOMPT Teachers Meeting, Utrecht (The Netherlands)
- Physiological Effects of Dry Needling
- Oral presentation, Dry Needling Conference, Houten, (The Netherlands)
- Physiological Effects of Mobilizations & Manipulations
- Oral presentation, MATHERA, Vilvoorde (Belgium)
- 2013**
- Physiological Effects of Mobilizations & Manipulations
- Oral presentation, KineClub, Department of Rehabilitation Sciences, Ghent University (Belgium)