

Curriculum Vitae



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| Name | Kerstin Luedtke |
| Academic awards | MSc Manipulative Physiotherapy Sheffield Hallam University, PhD Physiotherapy University of Birmingham |
| Current position | Professor for Physiotherapy University of Lübeck |
| Date of birth | 22.06.1970 |
| Address | University of Lübeck Sektion Medizin / Studiengang Physiotherapie Ratzeburger Allee 160 23562 Lübeck |
| Telephone | + 49 451 3101 8541 |
| Email | kerstin.luedtke@uni-luebeck.de |

PRIVATE INFORMATION:

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|------------|---|
| Address | Oelkersallee 13 22769 Hamburg Germany |
| Telephone | +49 40 43253920 |
| Mobile | +49 1705539641 |
| Married to | Richard Kropp, Online-Producer |
| Children | Greta (*2001), Robert (*2005), Emma (*2012) |
| Email | kerstin.luedtke@googlemail.com |

SCHOOL AND ACADEMIC EDUCATION

| | |
|---------------------------|--|
| Sept 2009 - 18.06.2014 | PhD Physiotherapy / Health Sciences University of Birmingham (UK), School of Health and Population Sciences, Split-location Thesis title: „ <i>Effectiveness of transcranial direct current stimulation (tDCS) in patients with chronic low back pain</i> “ First Supervisor: Dr. Alison Rushton Second Supervisor: Christine Wright |
| 1997-2002 | Master of Science in Manipulative Physiotherapy Sheffield Hallam University (UK) Part-time Thesis title: „ <i>Exploring the physiotherapist-patient communication for influences on the belief systems of backpain patients – a qualitative investigation</i> “. |

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|-----------|--|
| 1990-1992 | Physiotherapy School General Hospital Ochsenzoll, Hamburg, Germany |
| 1992-1993 | Internship General Hospital Lüneburg, Germany |
| 1989 | Abitur (A-Levels) Sophie-Barat-Schule, Hamburg, Germany |

SCIENTIFIC POSITIONS

| | |
|----------------------------|--|
| since 01.10.2017 | Professor for Physiotherapy Universität zu Lübeck Germany |
| since 01.10.2017 | Visiting Professor The Jerzy Kukuczka Academy of Physical Education Katowice, Poland |
| since 01.10.2017 | Guest researcher Institute for systems neuroscience University Hospital Hamburg-Eppendorf Martinistr. 52, 20246 Hamburg, Germany |
| 01.03.2014- 28.02.2017 | Post doctoral researcher Institute for systems neuroscience University Hospital Hamburg-Eppendorf Martinistr. 52, 20246 Hamburg, Germany |
| March 2010- March 2014 | Doctoral researcher Institute for systems neuroscience University Hospital Hamburg-Eppendorf Martinistr. 52, 20246 Hamburg, Germany |
| 01.09.2009 - 31.01.2011 | Research assistant MediGate GmbH University Hospital Hamburg-Eppendorf Martinistr. 52, 20246 Hamburg, Germany |
| Aug 2002 - May 2005 | Research assistant „Developing a test battery for the functional capacity of patients with back pain“ Project funded by the Bundesministerium für Bildung und Forschung (BMBF) Cooperation of Rückenentrums Am Michel (Dr.G.Müller) and the Georg-August-Universität Göttingen (Prof.Hildebrandt und PD M.Pfingsten) |

SUPERVISOR FOR BACHELOR/MASTER/PHD STUDENTS

| | |
|---------------|---|
| since 2017-10 | Tibor Szikszay; PhD University of Luebeck |
| 2017/18 | Philipp Huber |
| 2017/18 | Maximilian Obrocki, BSc Hochschule Bremen |
| 2016/17/18 | Waclaw Adamczyk, PhD The Jerzy Kukuczka Academy of Physical Education, Katowice, Poland |
| 2015/16 | Tibor Szikszay, MSc Hochschule Osnabrück |
| 2015/16 | Ruth Meise, MSc HAWK Hildesheim |
| 2014/15 | Wiebke Starke, MSc HAWK Hildesheim |
| 2013 | Lea-Kristina Tschirch, BSc Hochschule Osnabrück |
| 2008 | Camilla Kapitza, BSc HAWK Hildesheim |

TEACHING POSITIONS

| | |
|-------------------------|--|
| October 2016 | University of Hamburg , Department of Psychology and Movement Sciences, Lecturer (50%) |
| March 2010- | Founder and teacher at the Institute for evidence-based physiotherapy and screening (EPS) Medical Screening for Physiotherapistst: Educating German physiotherapists for a role as first contact practitioners |
| December 2015- | Hochschule Bremen Medical Screening for Physiotherapists |
| April-May 2011 | Fachhochschule für angewandte Wissenschaft und Kunst (HAWK), Hildesheim Data base research and internet BSc Physiotherapy, Occupational therapy, Speech therapy |
| March-May 2010 | Hochschule 21, Buxtehude Professional english for therapists BSc Physiotherapy |
| Sept 2009- März 2010 | Fachhochschule Osnabrück Professional english for therapists BSc Physiotherapy, Occupational therapy, Speech therapy Evidence based therapy MSc Management im Gesundheitswesen |

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|-----------|---|
| 2006-2008 | Fachhochschule für angewandte Wissenschaft und Kunst (HAWK), Hildesheim Interdisziplinäres Management von chronischen Rückenschmerzen BSc Physiotherapie, Ergotherapie, Sprachtherapie |
| 1999 - | International Maitland Teachers Association (IMTA) Teacher Assistant |
| 1999-2000 | Teacher School for physiotherapy, Universitätsklinikum Hamburg-Eppendorf Orthopädie, Rheumatologie, Forschung |

PHYSIOTHERAPY POSITIONS

| | |
|------------------------|---|
| 2001-2013 | Free-lancing Physiotherapist Rückenzentrum Am Michel, Ludwig-Erhard-Str.18, 20459 Hamburg |
| 2000-2001 | Free-lancing Physiotherapist Praxis für Physiotherapie Andrea Vierle Stückenstraße 70, 22081 Hamburg |
| 1997-1999 | Free-lancing Physiotherapist Rotherham Physiotherapy and Sports Injury Clinic, Rotherham, Großbritannien |
| 1996-1997 | Physiotherapist Temping agencies in London and Newport (Wales), UK |
| March-Aug.1996 | Free-lancing Physiotherapist Praxis für Physiotherapie, Susanne Fiedler Osterstr.141, 20255 Hamburg |
| Aug1995- March 1996 | Physiotherapist Rehabilitationszentrum im Hammoniabad, Lerchenfeld 14, 22081 Hamburg |
| 1993-1994 | Physiotherapist Praxis für Krankengymnastik C.Didmer Steilshooper Str.54, 22305 Hamburg |

CERTIFICATES

| | |
|------------|---|
| 1996 | Manual Therapy Deutscher Verband für Manuelle Therapie - Maitland Konzept (DVMT) |
| 25.11.2010 | Heilpraktiker Physiotherapie |

OVERSEAS EXPERIENCE

| | |
|-----------------------|-------------------------------|
| January- June 1995 | Australia and New Zealand |
| Aug 1996 – Aug 1999 | England and Wales |
| September 2009 – 2014 | England, during PhD programme |

MEMBERSHIPS

| | |
|------------------|---|
| since 01.01.2017 | Member of <i>Eurospine</i> |
| since 19.02.2016 | President of <i>Deutsche Gesellschaft für Physiotherapiewissenschaft</i> |
| since 2015 | Member <i>International Association for the Study of Pain</i> |
| since 2014 | Member <i>Deutsche Migräne- und Kopfschmerzgesellschaft (DMKG)</i> |
| 2002-2012 | Board member <i>Deutschen Verbandes für Manuelle Therapie - Maitland Konzept (DVMT)</i> |
| since 2005 | Editorial board <i>Physioscience (Thieme Verlag)</i> |

REVIEWER FOR

Physioscience
PlosOne
Journal of Pain Research
Manual Therapy
Der Schmerz
Cephalalgia
BMJ Open

LANGUAGES

German, native
English, fluent

PUBLICATIONS

Tibor M. Szikszay, Kerstin Luedtke & Piekartz Harry von (2018) Increased mechanosensitivity of the greater occipital nerve in subjects with side-dominant head and neck pain - a diagnostic case-control study, *Journal of Manual & Manipulative Therapy*, 26:4, 237-248, DOI: 10.1080/10669817.2018.1480912

Upper cervical two-point discrimination thresholds in **migraine** patients and headache-free controls.

Luedtke K, Adamczyk W, Mehrrens K, Moeller I, Rosenbaum L, Schaefer A, Schroeder J, Szikszay T, Zimmer C, Wollesen B.

J Headache Pain. 2018 Jun 26;19(1):47. doi: 10.1186/s10194-018-0873-z.

PMID:29943146

Luedtke K, Starke W, May A, Schoettker-Koeniger T and Schaefer A

Inter-Rater Reliability for a Recently Developed Cluster of Headache Assessment Tests

Journal of Physiotherapy and Rehabilitation 2018, 2:1

Adamczyk W, Luedtke K, Szikszay T.

Letter to editor: Two-point discrimination and the low back pain: Not as unreliable as it seems, but what about standardised procedures?

Musculoskeletal Science and Practice 2018 Mar 27

Luedtke K, Szikszay T, Adamczyk W and May A

Comment on: Castien et al. (2018) Pressure pain thresholds over the cranio-cervical region in headache - a systematic review and meta-analysis.

The Journal of Headache and Pain 2018 Apr 13;19(1):30.

Luedtke K, Mehnert J and May A (shared first)

Altered muscle activity during rest and during mental or physical activity is not a trait symptom of migraine - a neck muscle EMG study"

The Journal of Headache and Pain. 2018 Mar 20;19(1):26. doi: 10.1186/s10194-018-0851-5.

Schäfer A, Lüdtkke K, Breuel F, Gerloff N, Knust M, Kollitsch C, Laukart A, Matej L, Müller A, Schöttker-Königer T, Hall T.

Validity of eyeball estimation for range of motion during the cervical flexion rotation test compared to an ultrasound-based movement analysis system.

Physiother Theory Pract. 2018 Jan 8:1-7. doi: 10.1080/09593985.2017.1423523. [Epub ahead of print]

Luedtke K, May A

Stratifying migraine patients based on dynamic pain provocation over the upper cervical spine.

Journal of Headache and Pain. 2017 Sep 26;18(1):97

Adamczyk W, Saulicz O, Saulicz E, Luedtke, K.

Tactile acuity (dys)function in acute nociceptive low back pain: a doubleblind experiment

PAIN: Post Acceptance: November 13, 2017 [Epub ahead of print]

doi: 10.1097/j.pain.0000000000001110

Luedtke K, Adamczyk W.

Tactile acuity in the neck: calling for more basic science research.

Musculoskelet Sci Pract. 2017 Aug 9. [Epub ahead of print]

Adamczyk W, Luedtke K, Saulicz E.

Lumbar Tactile Acuity in Patients With Low Back Pain and Healthy Controls: Systematic Review and Meta-Analysis.

Clin J Pain. 2017 Mar 21. [Epub ahead of print]

Impact factor: 2.703

Adamczyk W, Luedtke K, Saulicz O, Saulicz E
Sensory dissociation in chronic low back pain: two case reports.
Physiother Theory Pract (accepted)
Impact factor: 1.169

Luedtke K, Starke W, May A.
Musculoskeletal dysfunction in migraine patients.
Cephalalgia. 2017 Jan 1 [Epub ahead of print]
Impact factor: 3.609

Starke W & Luedtke K, May A, Schoettker-Koeniger T, Schaefer, A.
Inter-rater reliability of different rating methods for a recently developed cluster of headache
assessment tests.
Physiotherapy Theory and Practice (submitted)
Impact Factor:

Luedtke, K.
Editorial - Does the rectus capitis posterior minor muscle contribute to the pathogenesis of chronic
headache?
Cephalalgia, 2016 Nov 8.
Impact factor: 3.609

Luedtke K, Boissonnault W, Caspersen N, Castien R, Chaibi A, Falla D, Fernández-de-las-Peñas C, Hall
T, Hirsvang JR, Horre T, Hurley D, Jull G, Krøll LS, Madsen BK., Mallwitz J, Miller C, Schäfer B,
Schöttker-Königer T, Starke W, von Piekartz H, Watson D, Westerhuis P, May A.
International consensus on the most useful physical examination tests used by physiotherapists for
patients with headache: A Delphi study
Manual Therapy, 2016 June, Volume 23, Pages 17–24
Impact factor 1.869

Hoch A, Luedtke K.
Welchen Einfluss hat präoperatives Training auf die Funktion (vor und nach OP) und die
Verweildauer im Krankenhaus nach einer Totalendoprothesenoperation der unteren Extremität?
physioscience 2015 Feb 17.

Luedtke K, Allers A, Schulte LH, May A.
Efficacy of interventions used by physiotherapists in headache and
migraine – systematic review and meta-analysis
Cephalalgia, 2015 Jul 30
Impact factor: 6.052

Luedtke K, Rushton A, Wright C, Jürgens T, Polzer A, Mueller G, May A.
Effectiveness of transcranial direct current stimulation alone or preceding cognitive-behavioral
management for chronic low back pain: a randomized controlled trial.
BMJ, 2015,350:h1640
Impact Factor: 19.697

Ihle K, Rodriguez-Raecke R, Luedtke K, May A.
tDCS modulates cortical nociceptive processing but has little to no impact on pain perception
Pain, 2014 Jul 30
Impact factor: 5.213

Pfingsten M, Lueder S, Luedtke K, Petzke F, Hildebrandt J.
Significance of physical performance tests for patients with low back pain.

Pain Medicine, 2014 Jul,15(7):1211-21. Epub 2014 Jun 14
Impact factor: 2.339

Schäfer AG, Hall TM, Rolke R, Treede RD, Lütke K, Mallwitz J, Briffa KN
Low back related leg pain: An investigation of construct validity of a new classification system.
Journal of Back and Musculoskeletal Rehabilitation, 2014 Mar 10.
Impact factor: 0.956

Klein LK, Lütke K, Schäfer A.
Effektivität aktiver Übungstherapie bei zervikogenen Kopfschmerzen
Systematische Literaturübersicht
Physioscience, 2013, 9(3): 115-121

Lütke K (editorial)
Systematische Übersichtsarbeiten und Metaanalysen – Segen oder Fluch?
Physioscience, 03, 2013

Lütke K, May A, Jürgens TP
No effect of transcranial direct current stimulation on experimentally induced thermal and electrical pain in patients with chronic low back pain
PLoS One, 2012,7(11):e48857
Impact factor: 3.73

Lütke K, Rushton A, Wright C, Geiss B, Juergens TP, May A.
Transcranial direct current stimulation for the reduction of clinical and experimentally induced pain - a systematic review and meta-analysis.
Clinical Journal of Pain, 2012 Jun,28(5):452-61
Impact factor: 2.552

Lütke K.
Nationale Versorgungsleitlinie Kreuzschmerz Neufassung August 2011
Physioscience, Issue 04, 2012

Lütke K, Schomacher J.
Deutscher Schmerzkongress 2011: Alles multimodal? Chancen und Grenzen
Manuelle Therapie, Issue 01, 2012

Lütke K.
Nationale Versorgungsleitlinie Kreuzschmerz Neufassung August 2011
Manuelle Therapie, Issue 01, 2012

Luedtke K, Rushton A, Wright C, Juergens TP, Mueller G, May A.
Effectiveness of anodal transcranial direct current stimulation in patients with chronic low back pain: Design, method and protocol for a randomised controlled trial.
BMC Musculoskeletal Disorders. 2011 Dec 28,12(1):290
Impact factor: 1.684

von Piekartz H, Lütke K.
Einfluss der Behandlung temporomandibulärer Störungen bei Patienten mit chronischen zervikogenen Kopfschmerzen
Manuelle Therapie, Issue 03, 2011

Lütke K.

Kommentar zum Artikel Rajadurai V. Wirksamkeitsvergleich einer kaudalen Gleitmobilisationstechnik in endgradiger und mittelgradiger Schulterabduktion bei Capsulitis adhaesiva (Schultersteife)
Physioscience, Issue 03, 2011

Lüdtke K. (editorial)
Ist die deutsche Sprache ein physioscience-Dilemma?
Physioscience, Issue 01, 2011

von Piekartz H. & Lüdtke K
Effect of orthopaedic manual therapy of temporomandibular disorders (TMD) in patients with cervicogenic headache: A single-blind, randomized controlled study.
The Journal of craniomandibular disorders (CRANIO) Vol.29, No.1 (2011):43-56, 2011
Impact factor: 1.09

Lüdtke K.
Diskussion zum Direct Access
Manuelle Therapie, Issue 05, 2010

Lüdtke K. (editorial)
Lohnt sich ein Master-Studiengang?
Physioscience, 02, 2009

Schäfer A, Hall TM, Lüdtke K, Mallwitz J, Briffa NK.
Interrater Reliability of a New Classification System for Patients with Neural Low Back-Related Leg Pain
The Journal of Manual & Manipulative Therapy Vol. 17 No. 2 (2009), 109-116
Impact factor: 0.50

Lüder S, Pfingsten M, Lüdtke K, Müller G, Strube J, Hildebrandt J.
Kann die Aktivitätskapazität von Patienten mit Rückenschmerzen objektiv und reliabel gemessen werden?
Physioscience, 04, 2006

Lüdtke K. (editorial)
Physiotherapeuten als Erstkontakt in Deutschland?!
Physioscience, 04, 2006
Lüdtke, K.

Lüdtke Kerstin
Alltagsaktionen im Mittelpunkt
Physiopraxis, Issue 10, 2005

Lüdtke K.
Einfluss der Kommunikation zwischen Physiotherapeuten und Patienten auf deren Krankheitsmodelle bei Rückenschmerzen
Manuelle Therapie, 03, 2004

Lüdtke K.
Exploring the physiotherapist-patient communication for influences on the belief systems of back pain patients.
PPA News.2003,15:30-34

BOOK

Screening in der Physiotherapie

Thieme-Verlag, 2015
ISBN 978-3-13-200341-5

Kopfschmerzen – Theorie und Praxis
Deadline Manuscript March 2018

Book Chapter: Fallbuch muskuloskeletale Physiotherapie, Herausgeber Martin Verra und Peter Oesch

FUNDING / GRANTS / AWARDS

Deutscher Akademischer Austauschdienst 2016
€2450 Travel grant for the IASP-conference 12-18.09.2018 in Boston

International Maitland Teachers Association (IMTA) 2017
CHF 2000 for the project
„Interrater and Intrarater reliability of two-point discrimination in the cervical spine“

Deutscher Verband für Manuelle Therapie (Maitland Konzept)
€ 1250 for the project
„Two-point discrimination in the cervical spine“

Deutscher Akademischer Austauschdienst 2016
€2117 Travel grant for the IASP-conference 26-30.09.2016 in Yokohama

Deutsche Migräne- und Kopfschmerzgesellschaft (DMKG) 2015
€30.000 for the project:
„Die Rolle der Physiotherapie in der Behandlung von Migräne und Spannungskopfschmerzen“

International Maitland Teachers Association (IMTA) 2015
CHF 3000 for the project
„Musculoskeletal dysfunctions in patients with migraine and tension-type headaches“

Deutsches Netzwerk für Evidenzbasierte Medizin (EBM) 2016 David-Sackett-Preis
€2000 for the publication:
Luedtke, K; Rushton, A; Wright, C; Jürgens, T; Polzer, A; Mueller, G; May, A.
Effectiveness of transcranial direct current stimulation alone or preceding cognitive-behavioral management for chronic low back pain: a randomized controlled trial.
BMJ. 2015;350:h1640

Organisation of conferences

Forschungssymposium Physiotherapie Hochschule Osnabrück 16./17.11.2018
Cooperation of the University of Luebeck and the Deutschen Gesellschaft für Physiotherapiewissenschaft

Forschungssymposium Physiotherapie Hochschule Osnabrück 16./17.11.2017
Cooperation of the Hochschule Osnabrück and the Deutschen Gesellschaft für Physiotherapiewissenschaft

Deutscher Schmerzkongress 2017 Mannheim
Board member of the programme committee

Forschungssymposium Physiotherapie HSG Bochum 2016
Cooperation of the HSG Bochum and the Deutschen Gesellschaft für Physiotherapiewissenschaft

PRESENTATIONS & POSTERS

2018

05/2018 Headache Symposium „Turning Primary headaches Upside Down“

Keynote presentation

Milan, Italy

Wien

Screening

MSC Advanced PT and Management Medical Screening

Postgrad Medical Screening

Basel

Medical Screening

Bremen Medical Screening

2017

01/2017 Die Deutsche Gesellschaft für Physiotherapiewissenschaft

Oral presentation

Physiotherapiekongress Stuttgart, Germany

01/2017 Medical Screening for Physiotherapists

Postgraduate Course

Bremen, Germany

01/2017 Headaches for Physiotherapists

Postgraduate Course

Hamburg, Germany

02/2017 Medical Screening for Physiotherapists

Oral presentation Froberg Medical Publishers

Thieme Publishers

Berlin, Germany

03/2017 Medical Screening for Physiotherapists

Oral presentation at musculoskeletal symposium

Hochschule Angewandte Wissenschaften Winterthur, Switzerland

03/2017 Medical Screening for Physiotherapists

Teaching for the orthopedic manual therapy course, DVMT

Hamburg, Germany

04/2017 Headaches and the neck

Conference musculoskeletal function

Rückenzentrum Am Michel

Hamburg, Germany

05/2017 Medical Screening for Physiotherapists

Postgraduate course

Bremen, Germany

06/2017 Medical Screening for Physiotherapists

Postgraduate course

Basel, Switzerland

05/2017 Medical Screening for Physiotherapists

Master of Science

Vienna, Austria

09/2017 TPE-task for chronic low back pain

Poster presentation

EFIC

Copenhagen, Denmark

09/2017 Medical Screening for Physiotherapists

Teaching for the orthopedic manual therapy course, DVMT

Warsaw, Poland

2016

Deutscher Schmerzkongress, Mannheim 10/2016

Symposium: Was macht die Halswirbelsäule mit dem Kopfschmerz ODER gibt es Leben unterhalb des Okziputs?

Workshop: Studien lesen und wirklich verstehen – auch den Statistikteil!

Workshop: Screening in der Physiotherapie

World Congress International Association for the Study of Pain, Yokohama 09/2016

Poster: Musculoskeletal dysfunctions in patients with episodic and chronic migraine: Diagnostic study validating an international consensus cluster of physical examination tests

World Congress International Federation of Orthopaedic Manipulative Physical Therapy, Glasgow 07/2016

Oral presentation: Effectiveness of transcranial direct current stimulation alone or preceding cognitive-behavioral management for chronic low back pain: a randomized controlled trial

Physioswiss Jahrestagung, Basel 06/2016

Keynote: Screening in der Physiotherapie

Dreiländertagung Kopfschmerz, Tutzing 05/2016

Workshop: Manuelle Untersuchung bei Kopfschmerzen

2015

International Headache Congress of the International-Headache-Society, Valencia 05/2015

Poster: Delphi survey for the development of a consensus-based test battery for headache assessment

Deutscher Schmerzkongress, Mannheim 10/2015

Klinikersymposium: Schmerz und Physiotherapie / Bewegung?

Workshop: Screening in der Physiotherapie

Poster: Muskuloskeletale Befunde bei Patienten mit Kopfschmerzen: Interrater-Reliabilität einer Testbatterie und Pilotstudie

Workshop: Studien lesen und wirklich verstehen – auch den Statistikteil!

2014

International Conference of the European Headache and Migraine Trust, Kopenhagen 09/2014

Poster: Physiotherapy interventions for headaches: a systematic review and meta-analysis

Human Brain Mapping, Hamburg 05/2014

Poster: Short term grey matter changes in patients with chronic low back pain following a pain paradigm

Medica Düsseldorf, 01/2014

Keynote: Screening in der Physiotherapie

Deutscher Schmerzkongress, Mannheim 10/2014

Workshop: Kopfschmerz und Physiotherapie – passt das zusammen?

