

CURRICULUM VITAE

Personal information:

Name: **Jitka Klugarova**, Adj. Assoc. Prof., Ph.D. M.Sc.
Maiden name: Kozakova
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University and research working experience

- 2013 – still **Palacky University Olomouc (Czech Republic)**
Faculty of Medicine and Dentistry
The Czech Republic (Middle European) Centre for Evidence-Based Health Care: An
Affiliated Centre of The Joanna Briggs Institute
Deputy in Clinic
- 2013 – still **Palacky University Olomouc (Czech Republic)**
Faculty of Health Sciences (FHS)
Centre for Research and Science
Post-doc fellow
Supervisor in the doctoral (Ph.D.) program Nursing
- 2013 – still **Palacky University Olomouc (Czech Republic)**
Faculty of Medicine and Dentistry
Member of Research team, Project title: Support of Human Resources in Science and
Research in Non-medical Health Care at the Faculty of Health Sciences at Palacký
University Olomouc, Education for Competitiveness Operational Programme
(CZ.1.07/2.3.00/20.0163)
Member of EBHC and Systematic Review group associated with “Support of Human
Resources in Science and Research in Non-medical Healthcare at the Faculty of Health
Sciences at Palacký University Olomouc” project funded by European Social Funds
(CZ.1.07/2.3.00/20.0163)
- 2014 – still **University of Adelaide (South Australia)**
The Joanna Briggs Institute, Faculty of Health Sciences
Adjunct Associate Professor
- 2009 – 2013 **Palacky University Olomouc (Czech Republic)**
Faculty of Physical Culture
Department of Physiotherapy
Assistant Professor
- 2013: **Guarantor international internship**, Project title: Development of Quality
Assurance System of International Work Placements of Palacký University Students,
Education for Competitiveness Operational Programme (CZ.1.07/2.3.00/09.0209)
- 2009 – 2013: **Thesis Supervisor** (12 Graduate Students advised)
- 2009 – 2012: **Member of Research team**, Project title: Sophisticated biomechanical
diagnosis of human movement, Education for Competitiveness Operational Programme
(CZ.1.07/2.3.00/09.0209)
- 2009 – 2013: **Senior Researcher in Biomechanical laboratory** – 3D kinematic motion
analysis (Vicon MX), dynamic motion analysis (Kistler, Footscan)
- 2007 – 2009: **Junior Researcher in Biomechanical laboratory** – 3D kinematic motion
analysis (Vicon MX), dynamic motion analysis (Kistler, Footscan)

Clinical experiences – Physiotherapist, Podiatrist

2014 – still	Agel Sport Clinic, Prostějov (<i>Czech Republic</i>)
2007 – 2013	Center for treatment of pain and movement disorders, Olomouc, (<i>Czech Republic</i>)
2007 – 2009	Rehabilitative and Orthopaedic Clinic Shape, Olomouc (<i>Czech Republic</i>)
2006 – 2007	Jitro – association of parents and friends handicap children, Olomouc (<i>Czech Republic</i>)
2002 – 2007	Balneo Centre Flora, Olomouc (<i>Czech Republic</i>)
2004 – 2007	Rehabilitation clinic REMEDIC, Mohelnice (<i>Czech Republic</i>)
2003 – 2004	Rehabilitation clinic REFIT, Zabreh (<i>Czech Republic</i>)

Other clinical experiences

2008	Dr. Ansell Surgery, London, United Kingdom – Medical Doctor Assistant
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Education

2007 - 2012	Palacky University Olomouc (CZ), Faculty of Physical Culture, Department of Natural Sciences in Kinanthropology Ph.D. Dissertation thesis: Influence of Hallux Valgus Surgery and postoperative Physical Therapy on Gait performance
2005 - 2007	Palacky University Olomouc (CZ), Faculty of Medicine MSc. , Physiotherapy Master thesis: Kinematic analysis of Gait cycle in people with juvenile Hallux Valgus
2002 - 2005	Palacky University Olomouc (CZ), Faculty of Medicine BSc. , Medical Rehabilitation and Physiotherapy Bachelor thesis: Possibilities and weaknesses of respiratory Physiotherapy in the Pediatric
2001 - 2002	Higher health school Zlín (CZ), Diplomate children's nurse

Training in Methodology

2014	University of Adelaide (<i>South Australia</i>) The Joanna Briggs Institute, Faculty of Health Sciences <i>Held in:</i> Romanian Centre for Evidence Based Nursing and Midwifery, An affiliated centre of The Joanna Briggs Institute, (<i>Bucharest</i>), Train the Trainer: Comprehensive Systematic Review Training
2014	University of Nebraska at Omaha (<i>NE, USA</i>) Biomechanical Research Building, College of Education and College of Public Health Nonlinear Statistical Analysis
2013	University of Nottingham (<i>United Kingdom</i>) The Nottingham Centre for Evidence Based Nursing & Midwifery: A Collaborating Centre of the Joanna Briggs Institute Comprehensive Systematic Review Training

Certificated courses in Physiotherapy and Podiatry

2012	Diagnostic and Therapy of the Functional disorders (Manual Therapy) for Physiotherapist
2012	Foot Biomechanics – Dr. Philip Vasyli
2010	Reflex therapy
2008	Method of Sensorimotor stimulation
2008	Instructor of Pilates Method
2007	Basal Programs in Physiotherapy – A

Internship

2014	University of Adelaide (<i>South Australia</i>) The Joanna Briggs Institute (3 weeks)
2013 – 2014	University of Nottingham (<i>United Kingdom</i>)

The Nottingham Centre for Evidence Based Nursing & Midwifery: A Collaborating Centre of the Joanna Briggs Institute (4 months)

Research and Development grants

<i>Principal investigator</i>	2008 Grant of Faculty of Physical Culture (No. 915 100 03) “Influence of comprehensive kinesiotherapy on gait cycle performance after hallux valgus surgery” 2009 Grant of Faculty of Physical Culture (No. 915 100 05) “Gait cycle analysis in people with hallux valgus deformity” 2010 Grant of Palacky University Olomouc (No. FTK 2010 017) “Gait analysis in patients after hallux valgus surgery” 2011 Grant of Palacky University Olomouc (No. FTK 2011 031) “Assessment of the influence of the type and extent of surgery in patients with hallux valgus on gait” 2014 – still FRI (Faculty Research International) grant, „A USA-Czech partnership to promote research in the area of gait analysis“ (University of Nebraska at Omaha, NE, USA)
<i>Co-investigator</i>	2009 – 2012 Grant of European Social Funds “Sophisticated biomechanical diagnosis of human movement, Education for Competitiveness Operational Programme” (CZ.1.07/2.3.00/09.0209) 2012 – still Grant of European Social Funds “Support of Human Resources in Science and Research in Non-medical Healthcare at the Faculty of Health Sciences at Palacký University Olomouc” (No. CZ.1.07/2.3.00/20.0163)
<i>Project proposals:</i>	2012 Grant agency of the Czech Republic – „Influence of anthropometric characteristics of the foot on the movements of the pelvis and the lower extremities and foot loading during gait“ (GP13-16916P) 2013 Grant agency of the Czech Republic “Meta-analysis and meta-synthesis of assessment of motivation and job satisfaction in health professionals” (GB14-37249G) 2014 Grant agency of the Czech Republic “Meta-analysis and meta-synthesis of the effectiveness of existing theories and tools evaluating work motivation in physicians” (GA15-22538S) 2014

Organization of workshops and conferences

International workshops

2015	A Perspective on Human Movement Variability: Implications for health and pathology. Prof. Nicholas Stergiou, Ph.D. – director of Biomechanical Research Building, University of Nebraska at Omaha, 31. 3. 2015 (<i>Czech Republic</i>)
2014	International Workshop of Evidence-Based Hyperbaric Medicine and IVth Ostrava Days of Hyperbaric Medicine, Rožnov pod Radhoštěm, 18-20. 6. 2014 (<i>Czech Republic</i>)
2014	Systematic reviews of Mixed methods, Prof. Alan Pearson, Ph.D. – founder of Joanna Briggs Institute, University of Adelaide, 29. 5. 2014 (<i>Czech Republic</i>)
2014	General about importance of Systematic Reviews in health professions, JBI mission, JBI/Cochrane relation, JBI collaboration, Prof. Fiona Bath-Hextall, director of The Nottingham Centre for Evidence Based Nursing & Midwifery: A Collaborating Centre of the Joanna Briggs Institute, University of Nottingham, 15. 4. 2014 (<i>Czech Republic</i>)
2014	Basics of Evidence-Based Health Care and Evidence-Based Practice, workshop I, Theoretical institutes, Palacky University Olomouc, 29. 1. 2014 (<i>Czech Republic</i>)

Membership in Scientific Organizations:

Czech Society for Orthopaedics and Traumatology
International Foot and Ankle biomechanics Community
American Society of Biomechanics
Czech Podiatry Society

Selected publications

Kozáková, J. (2012) Influence of hallux valgus surgery and postoperative physical therapy on gait performance. Dissertation. Palacky University Olomouc.

First or corresponding author:

Klugarová, J., Klugar, M., Mareckova, J., & Hajek, M. (2015). Methodology of systematic review development; The effectiveness of hyperbaric oxygen therapy on mortality in adults with craniotrauma: a systematic review partial results. *Czech and Slovak Neurology and Neurosurgery*, In Press.

Klugarová, J., Klugar, M., & Mareckova, J. (2015). Propaedeutics of the systematic review development; Effectiveness of hallux valgus surgery: systematic review partial results. *Profese On-line*, 1(18), 1-7.

Klugarova, J., Klugar, M., Gallo, J., Mareckova, J., & Kelnarova, Z. (2015). The effectiveness of inpatient physical therapy compared to outpatient physical therapy in older adults after total hip replacement in the post-discharge period: a systematic review protocol. *The JBI Database of Systematic Reviews and Implementation Reports*, In Press.

Klugarova, J., Hood, V., Bath-Hextall, F., Klugar, M., Mareckova, M. (2014). The effectiveness of surgery for adults with hallux valgus deformity: a systematic review protocol. *The JBI Database of Systematic Reviews and Implementation Reports*. 12(7), 3-11.

Klugarova, J., Hood, V., Bath-Hextall, F., Klugar, M., & Mareckova, J. (2014). The effectiveness of surgery for adults with hallux valgus deformity: partial results of quantitative systematic review. *International Journal of Evidence-Based Healthcare*, 12(3), 169.

Klugarová, J., Marečková, J., Tučková, D., Bocková, S., Kelnarová, Z., Nytra, I., & Klugar, M. (2014, 18. - 20. 6. 2014). Development of Clinical Question in Hyperbaric Medicine. *Sborník přednášek z Mezinárodního workshopu hyperbarické medicíny založené na důkazech a IV. Ostravských dnů hyperbarické medicíny, Rožnov pod Radhoštěm*.

Klugarová, J., Marečková, J., Klugar, M. (2013). The highest level of Evidence – Effectiveness of hallux valgus surgery: systematic review protocol (abstract). *Acta Universitatis Palackianae Olomucensis*, 43(Suppl.1), 66

Klugarova, J., Odvarokova, E. (2013). Can Kinesio Taping eliminate Hallux Valgus deformity? (Abstract) Proceedings of the XVII. National congress of Czech Society for Orthopaedic and Traumatology. May 17-19, 2013, Prague, Czech Republic.

Kozakova, J., Janura, M., Sos, Z., Svoboda, Z. (2012). Influence of targeted Physical Therapy in patients with Hallux Valgus deformity on kinematic and dynamic parameters of Gait Cycle (Abstract) Proceedings of the XVI. National congress of Czech Society for Orthopaedic and Traumatology. May 16-18, 2013, Olomouc, Czech Republic.

Kozáková, J., Janura, M., Svoboda, Z., Elfmark, M., & Klugar, M. (2011). Influence of hallux valgus on pelvis and lower extremities movement during gait. *Acta Universitatis Palackianae Olomucensis. Gymnica*, 41(4).

Kozakova, J., Janura, M., Sos, Z., Svoboda, Z. (2011). Influence of hallux valgus surgery on pelvis and lower extremities movement during gait. (Abstract) *Proceedings of the 34th Annual Meeting of American Society of Biomechanics*, 10th – 13th August 2011, Long Beach, California.

Kozakova, J., Janura, M., & Svoboda, Z. (2010). Influence of hallux valgus on pelvis and lower extremities movement during gait (Abstract). *Proceedings of the 8th International Congress of the European Foot and Ankle Society*, 2nd - 4th September 2010, Geneva, Switzerland.

Kozakova, J., Janura, M., Gregorkova, A., & Svoboda, Z. (2010). Hallux Valgus from the Physiotherapist Standpoint or Is Hallux Valgus just a Hallux Deformity? *Rehabilitation and Physical Medicine*, 17(2), 71-77.

Kozakova, J., Janura, M., & Svoboda, Z. (2009). Can hallux valgus affect top athletes performance? *Medicina Sportiva Bohemica et Slovaca*, 18(4), 194-195.

Kozakova, J., Janura, M., & Svoboda, Z. (2009). Can hallux valgus affect top athletes performance? *Proceedings of the Congress of the Czech Society of Sports Medicine – Days of Sports Medicine*, 6th – 7th November 2009, Brno.

Kozáková, J. Effect of comprehensive kinesiotherapy after hallux valgus correction. *Proceedings of the VI MIĘDZYNARODOWA KONFERENCJA STUDENCKICH KÓŁ NAUKOWYCH I MŁODYCH PRACOWNIKÓW NAUKI pt.: „RUCH JAKO LEK...”*. 16-17 MAJA 2008r. GŁUCHOŁAZY.

Kozakova, J., Gallo, J. (2008). Effect of complex kinesiotherapy after hallux valgus surgery. *Proceedings of the International Scientific Student Conference in Kinanthropology: Science in motion the movement in science* [CD-ROM]. Olomouc: Palacky University Olomouc.

Kozaková, J., Janura, M., & Svoboda, Z. (2007). Kinematic analysis of gait in people with hallux valgus. In A. Marousek (Ed.), *Proceedings of the 1st International Scientific Student Conference Full of Colours* (pp. 16-19). Olomouc: Palacky University Olomouc.

Submitted papers:

Klugarová, J., Klugar, M., Marečková, J. Propedeutics of the systematic review development; Comparison of influence of inpatient and outpatient physical therapy in older adults after total hip replacement on quality of life and gait measures: systematic review partial results. (*Mitteilungen Klosterneuburg*).

Klugarova, J., Gregorova, T., Klugar, M., Kertz, R., Mareckova, J. Pathokinesiological changes in the musculoskeletal system in bass guitar players - importance of prevention: a case series (*Medical Problems of Performing Artists journal*)

Klugarova, J., Odvarkova, E., Klugar, M., Mareckova, J. The Effect of Kinesio Taping on Plantar Pressure Distribution Patterns during Walking in a Patient with Hallux Valgus Deformity (*Journal of American Podiatric Medicine*)

Klugarova, J., Janura, M., Svoboda, Z., Sos, Z. Hallux valgus surgery affects kinematic parameters during gait- (*Foot and Ankle International*).

Co-author:

Klugar, M., Čáp, J., Marečková, M., Roberson, D. N., Sirkka, A., **Klugarova, J.,** & Kelnarova, Z. The active aging personal strategies of older adults in Europe: a systematic review protocol of qualitative evidence. *JBI Database of Systematic Reviews & Implementation Reports*. 2014, roč. 12, č. 11, s. 117-126. ISSN 2202-4433. DOI 10.11124/jbisrir-2014-1610.

Klugar, M., Nytra, I., Bocková, S., **Klugarová, J.,** Kelnarová, Z., & Marečková, M. The effectiveness of hyperbaric oxygen therapy on mortality in adults with craniotrauma: A systematic review protocol. *JBI Database of Systematic Reviews & Implementation Reports*. 12(12), 13. doi: 10.11124/jbisrir-2014-1598.

Klugar, M., Nytra, I., Bocková, S., **Klugarová, J.,** Kelnarová, Z., Tučková, D., Marečková, J. (2014). The importance of Evidence-Based Health Care and Systematic review for practice, In Hájek, M. Novomeský, F. Beran, V. Klugar, M. *Collection of lectures from international workshop of Evidence-Based Hyperbaric Medicine and IV.th Ostrava days of hyperbaric medicine*. Ostrava: X-media s.r.o., s. 9-10. ISBN 978-80-7464-507-5.

Klugar, M., **Klugarová, J.,** Marečková, J. (2014). The Basics of Evidence-Based Hyperbaric Medicine; Creating of Clinical question, In Hájek, M. Novomeský, F. Beran, V. Klugar, M. *Collection of lectures from international workshop of Evidence-Based Hyperbaric Medicine and IV.th Ostrava days of hyperbaric medicine*. Ostrava: X-media s.r.o., 2014, s. 11-12. ISBN 978-80-7464-507-5.

Janura, M., Cabell, L., Svoboda, Z., **Kozáková, J.,** & Gregorková. Kinematic analysis of gait in patients with juvenile hallux valgus deformity. *Journal of Biomechanical Science and Engineering*, 2(Suppl. 1), S36, 2007.

Janura, M., Cabell, L., Svoboda, Z., **Kozakova, J.,** & Gregorkova, A. (2007). Kinematic analysis of gait in patients with juvenile hallux valgus deformity. In *Proceedings of the Third Asian Pacific Conference on Biomechanics* (p. 36). Tokyo: The Japan Society of Mechanical Engineers.