

Curriculum Vitae (Update 10/06/2020)

Name Wanalee Klomjai
Position Assistant professor
Work Faculty of Physical Therapy, Mahidol University
999 Phuttamonthon 4 Road, Salaya, Nakhon Pathom 73170, THAILAND
Telephone (work) (66)2-441-5450 ext 20106
E-mail address wanalee.klo@mahidol.edu

Education

- 2011-2014 Ph.D. (Neuroscience),
Graduate School of Brain, Behaviour & Cognition (3C),
University of Pierre and Marie Curie (Paris 6), Paris, France.
- 2009-2011 M.Sc. (Re-education and Medical Engineering),
Major in Re-education, Re-adaptation and Rehabilitation,
University of Pierre and Marie Curie (Paris 6), Paris, France.
- 2004-2008 B.Sc. (Physiotherapy), Mahidol University, Bangkok, Thailand.

Positions & Working Experiences

- 2014-Present Lecturer, Faculty of Physical Therapy, Mahidol University
- 2014-Present Physical Therapist, Acute Stroke Unit, Siriraj hospital, Bangkok

Awards & Funding

- 2020-Present Grant from the Franco-Thai Mobility Program/PHC Siam (Thai and French governments research funding)
- 2020-Present Grant from the Thailand Research Fund (government research funding) for the research project titled “Hemodynamic response to transcranial direct current stimulation in acute stroke”
- 2018-2019 Grant from the National Research Council of Thailand (government research funding) for the research project titled “Hemodynamic response to transcranial direct current stimulation in acute stroke”
- 2017-2018 Grant for New Researcher from Mahidol University for the research titled “The efficacy of cathodal transcranial direct current stimulation in children and adolescents with attention-deficit hyperactivity disorder.”
- 2015-2016 Grant for New Researcher from Faculty of Physical Therapy, Mahidol University for the research project titled “Dual-hemisphere transcranial direct current stimulation on lower limb motor functions after stroke.”
- 2011-2014 French Embassy Scholarship (Franco-Thai) for Ph.D.

Research Interests

- Non-invasive brain stimulation : Transcranial direct current stimulation (tDCS) in neurorehabilitation
- Spinal circuits in humans using non-invasive technique of electrophysiology (reflex-H)
- Electroencephalogram (EEG)

Publications (late 5 years)

Research articles

1. Auvichayapat N, Patjanasontorn N, Phuttharak W, Suphakunpinyo C, Keeratitanont K, Tunkamnerdthai O, Aneksan B, **Klomjai W**, Boonphongsathian W, Sinkueakunkit A, Punjaruk W, Tiamkao S and Auvichayapat P. Brain Metabolite Changes After Anodal Transcranial Direct Current Stimulation in Autism Spectrum Disorder. *Front. Mol. Neurosci.* 2020; doi: 10.3389/fnmol.2020.00070
2. Horasart A, **Klomjai W**, Bovonsunthonchai S. Immediate effect of kinesio tape on gait symmetry in patients with stroke: a preliminary study. *Human Movement.* 2019;21(1):73–81.
3. Wattananon P, **Klomjai W**, Sung W. One session of motor control exercise improves joint position sense assessed by an iPhone application: a randomized controlled trial. *J Phys Ther Sci.* 2019 Jul;31(7):583–9.
4. **Klomjai W**, Roche N, Lamy J-C, Bede P, Giron A, Bussel B, et al. Furosemide Unmasks Inhibitory Dysfunction after Spinal Cord Injury in Humans: Implications for Spasticity. *J Neurotrauma.* 2019 May 1;36(9):1469–77.
5. ศศิธร คงอ้วน, นิสาศรี เสริมพล, ไพโรจน์ สุระประกาศพิชย์, อัมพร นันทาภรณ์ศักดิ์, **วนาลี กล่อมใจ**, มัชฌานา วงศ์ศิริ นวรัตน์. การพัฒนาแบบประเมินการฝึกปฏิบัติงานทางคลินิกแบบบูรณาการของนักศึกษากายภาพบำบัด มหาวิทยาลัยมหิดล. *วารสารวิธีวิทยาการวิจัย.* 2019;32(1):75-97
6. **Klomjai W**, Aneksan B, Pheungphrarattana-trai A, Chantanachai T, Choowong N, Bunleukhet S, et al. Effect of single-session dual-tDCS before physical therapy on lower-limb performance in sub-acute stroke patients: A randomized sham-controlled crossover study. *Ann Phys Rehabil Med.* 2018; [https:// doi.org/10.1016/j.rehab.2018.04.00](https://doi.org/10.1016/j.rehab.2018.04.00)
7. Wattananon P, **Klomjai W**. Immediate effect of lumbar stabilization exercise on lumbar position sense in healthy individuals. *J Med Tech Phy Ther* 2017;29:166-178.

Review articles

1. **Klomjai W**, Katz R, Lackmy-Vallée A. Basic principles of transcranial magnetic stimulation (TMS) and repetitive TMS (rTMS). *Annals of Physical and Rehabilitation Medicine.* 2015;58(4):208–13.
2. **Klomjai W**, Lackmy-Vallée A, Roche N, Pradat-Diehl P, Marchand-Pauvert V, Katz R. Repetitive transcranial magnetic stimulation and transcranial direct current stimulation in motor rehabilitation after stroke: An update. *Annals of Physical and Rehabilitation Medicine.* 2015;58(4):220–4.