

Curriculum Vitae



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Education

2017 Doctor of Philosophy (Physical Therapy), Mahidol University, Thailand.
2008 Master of Science in Musculoskeletal Physical Therapy, Faculty of Allied Health Sciences, Chulalongkorn University, Thailand.
2005 Bachelor of Science in Physical Therapy (2nd Class Honor), Faculty of Allied Health Sciences, Chulalongkorn University, Thailand.

Researches

B.Sc. (Physical Therapy)

- The relationship between pain and changed scores of range of movement after mobilization treatment in non-specific low back pain patients (Senior Project)

M.Sc. (Musculoskeletal Physical Therapy)

- The effect of the 4-week duration of the unilateral postero-anterior cervical mobilization in the treatment of unilateral neck pain (Master Thesis)

Ph.D. (Doctor of Philosophy, Physical Therapy)

- Breathing retraining with chest wall mobilization improves respiratory reserve and decreases hyperactivity of accessory breathing muscles during respiratory excursions: A randomized controlled trial.

Research Interests

- Musculoskeletal problems
- Mobilization
- Manual Therapy
- Movement system impairment
- Ultrasound Imaging for Physical Therapy
- Breathing related with musculoskeletal disorder

Participation and training

- 2020 Movement System Impairment of Lumbar Spine. (Faculty of Physical Therapy, Mahidol University)
- 2020 Kinesiopathological Model: Physical Therapy perspective on low back pain. (Faculty of Physical Therapy, Mahidol University)
- 2019 Medical Symposium for High Intensity Laser, Targeted radiofrequency Therapy & Super Inductive System
- 2019 Breathing as a key management for MS disorders: Advanced manual techniques for improving breathing pattern (Faculty of Physical Therapy, Mahidol University)
- 2016 Kinematic Muscle Imbalance (K.L.I.M.B). Primary Body Center Stabilizers (Lumbo-pelvic, back to toe. (Faculty of Physical Therapy, Mahidol University)
- 2015 Clinical KT Taping (Faculty of Physical Therapy, Mahidol University)
- 2015 The 3rd Physical Therapy Mahidol University Research Symposium “Hypertension and Diabetic Mellitus: Multidisciplinary Approaches”
- 2015 Assessment and Management of Foot Problems in Musculoskeletal System: Multidisciplinary Approach (Faculty of Physical Therapy, Mahidol University)
- 2014 The 2nd International Physical Therapy Conference and the 2nd Physical Therapy Mahidol University Research Symposium “Successful Aging: from Basic to Advanced Knowledge” (Physical Therapy Center of Physical Therapy, Mahidol University)
- 2012 The Asian Physical Therapy Research Symposium (The Tawana Hotel, Bangkok)
- 2011 Short Course Training “Mulligan Concepts: Upper and Lower Quadrant (Faculty of Physical Therapy, Huachiew Chalermprakiet University)
- 2008 The 2nd International Convention on Rehabilitation Engineering & Assistive Technology (Imperial Queen’s Park Hotel, Bangkok, Thailand)
- 2007 Principal of spinal mobilization in clinical practice (Department of physical therapy, Faculty of Allied Health sciences, Chulalongkorn University)
- 2006 Physical therapy in Low Back Pain Patient (Department of physical therapy, Faculty of Allied Health sciences, Chulalongkorn University)

Position and working experiences:

2009 - Present	Lecture at Faculty of Physical Therapy Mahidol University
2008	Physical therapist (Part time) at Siriraj Hospital
2006	Physical therapist (Part time) at Charan13 Physiotherapy clinic

Professional Memberships

- Physical Therapy Association of Thailand.
- Physical Therapy Congress, Thailand.

Publication

- **Sakuna M.**, Kanlayanaphotporn R., Chiradejnant A. The effect of the ipsilateral unilateral postero-anterior mobilization technique on pain and cervical range of motion in patients with mechanical neck pain: 72 hours follow-up. *Journal of Allied Health Sciences*. 2007, Jul-Dec, 7(2)
- **Sakuna M.**, Mekhora K., Jalajondeja W., Jalajondeja C. Breathing retraining with chest wall mobilization improves respiratory reserve and decreases hyperactivity of accessory breathing muscles during respiratory excursions: A randomized controlled trial. *Acta Bioeng Biomed*. 2020; 22(3); DOI 10.37190/ABB-01641-2020-03