

CURRICULUM VITAE

Sureeporn Uthaihup, Ph.D., P.T.



Personal Details

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Academic Qualifications

- | | |
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| 2009 | Doctor of Philosophy in Physiotherapy, The University of Queensland, Australia |
| 2003 | Master of Musculoskeletal and Sports Physiotherapy, The University of South Australia, Australia |
| 1997 | Bachelor of Sciences in Physical Therapy (Hons), Chiang Mai University, Thailand |

Positions and appointments

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| 2024-present | Head of Department of Physical Therapy |
| 2024-present | Faculty committee, Faculty of Associated Medical Sciences, Chiang Mai University |
| 2024-present | The Curriculum committee of Bachelor of Science Program in Science (Physical Therapy), Faculty of Associated Medical Sciences, Chiang Mai University |
| 2021-present | The Curriculum committee of Doctoral philosophy, Biomedical Science (International program), Faculty of Associated Medical Sciences, Chiang Mai University |
| 2010-present | The Curriculum committee of Master's degree, Movement and Exercise Sciences (International program), Faculty of Associated Medical Sciences, Chiang Mai University |
| 1999-present | Lecturer, Department of Physical Therapy |
| 2016-2019 | Associate Head of Department of Physical Therapy, Faculty of Associated Medical Sciences, Chiang Mai University |
| 2016-2019 | An academic Board Committee of Faculty of Associated Medical Sciences, Chiang Mai University |
| 2011-2015 | Research committee, Faculty of Associated Medical Sciences, Chiang Mai University |

2010-2013	Head of Geriatric Physical Therapy, Department of Physical Therapy, Faculty of Associated Medical Sciences, Chiang Mai University
2008-2009	Clinical assistant, The Cervical Spine and Whiplash Unit, The University of Queensland, Australia
2005-2009	Research assistant, Clinical Centre for Research Excellence in Spinal Pain, Injury and Health, The University of Queensland, Australia
2005-2007	Teaching assistant, Division of Physiotherapy, School of Health and Rehabilitation Sciences, The University of Queensland, Australia
2002-2003	Head of Geriatric Physical Therapy, Chiang Mai University
1998-1999	Head of Physical Therapy Department, Lanna Hospital, Chiang Mai
1997-1998	Physical Therapist, Lanna Hospital, Chiang Mai

Honors

Royal Thai Government Scholarship, 2002-2009

Awards

Outstanding researcher awards from Faculty of Associated Medical Sciences, Chiang Mai University, 2015-2020

Editorial Board

International Advisory Board, Musculoskeletal Science and Practice.
 Editorial board, Archives of Physiotherapy (BMC central).

Reviewers

Archives of physiotherapy
 BMC Musculoskeletal Disorders
 BMJ Open
 Brazilian Journal of Physical Therapy
 Disability and Rehabilitation
 Gait and Posture
 Journal of Alternative and Complementary Medicine
 Journal of Associated Medical Sciences
 Journal of Back and Musculoskeletal Rehabilitation
 Journal of Bodywork and movement therapies
 Journal of Electromyography and Kinesiology
 Journal of Medical Internet Research
 International Journal of Therapy and Rehabilitation
 Musculoskeletal Science and Practice (former Manual Therapy)
 Physiotherapy Theory and Practice
 Thai Physical Therapy
 Scandinavian Journal of Public Health
 Science & Technology Asia
 Siriraj Medical Bulletin
 Walailak Journal of Science and Technology

Professional memberships

2009 - Member of Thai Physical Therapy Council

Book

Neck pain and Cervicogenic Headache, CMU press: Chiang Mai. 2018, p.1-198.

Book chapter

Lerttrakarnnon P, **Uthaikhup S**, Choksomngam Y. Physical Therapy and exercise. In Cho KH, Michel JP, Gasowski J (Eds). Textbook of Geriatric Medicine: International, second edition. 2023, p. 111-127.

Contribution to professional education

- 2023 Invited speaker: Cervicogenic dizziness: assessment and management. December 21-22, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand (online)
- 2023 Speaker: Clinical teaching for Physical Therapy students. August 18, Chiang Mai University, Thailand (online)
- 2023 Invited speaker: Cervical stabilization: Why PT needs to assess and train it. August 6, Physical Therapy Association, Thailand (online)
- 2023 Speaker: Management of cervical disorders: Assessment to recovery (3-day course). May 8-10, Chiang Mai University, Thailand
- 2023 Invited speaker: Cervicogenic headache (2-day course). January 12-13, Payao University, at Furama Hotel, Chiang Mai, Thailand
- 2022 Invited speaker: Clinical practice for assessment and management of neck pain (webinar). October 17, Mae Fah Luang University, Chiang Rai, Thailand
- 2022 Invited speaker: Cervicogenic dizziness: assessment and management. June 6 and 8, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand (online)
- 2021 Invited speaker: Publishing research papers in international journals (online). March 31. Naresuan University, Phitsanulok, Thailand
- 2020 Guest lecturer: Principle of physical examination of spine and temporomandibular joint. September 26-27, Phayao, Thailand
- 2020 Invited speaker: Research and Physical Therapy (online). August 31, Bangkok, Thailand
- 2020 Invited speaker: Physical Therapy toward new normal (online). August 29, Chiang Mai, Thailand
- 2020 Guest lecturer: Management of Cervical Spine Disorders: a research informed multimodal approach (online). August 26, Naresuan University, Phitsanulok, Thailand
- 2020 Invited speaker: Preparing for changes in musculoskeletal system in senior. January 16. Chiang Mai, Thailand
- 2020 Invited speaker: Preparing for changes in musculoskeletal system in senior. February 6. Chiang Mai, Thailand
- 2020 Invited speaker: Care for older people. December 25, Lampang, Thailand
- 2019 Speaker: Management of cervical disorders: Assessment to recovery (3-day course). December 2-4, Chiang Mai, Thailand

- 2019 Guest lecture: Tip and trick for successful publication. November 29, Chiang Mai, Thailand
- 2019 Guest lecturer: Principle of physical examination of spine and temporomandibular joint. October 19-20, Phayao, Thailand
- 2019 Invited speaker: Care for older person. October 18, Chiang Mai, Thailand
- 2019 Invited speaker: Preparing for changes in musculoskeletal system in senior. August 19. Chiang Mai, Thailand
- 2019 Invited speaker: Happy workplace: physical and mental health. June 24. Chiang Mai, Thailand
- 2019 Invited speaker: Preparing for changes in musculoskeletal system in senior. February 21. Chiang Mai, Thailand
- 2018 Guest lecturer: Principle of physical examination of spine and temporomandibular joint. November 3-14, Phayao, Thailand
- 2018 Invited speaker: Preparing for changes in musculoskeletal system in senior. June 14. Chiang Mai, Thailand
- 2018 Invited speaker: Importance of muscle system. May 3, Chiang Mai, Thailand
- 2018 Invited speaker: Preparing for changes in musculoskeletal system in senior. March 20. Chiang Mai, Thailand
- 2018 Invited speaker: Physical therapy management in neck pain conditions (2-day course). February 1-2, Nan, Thailand
- 2017 Invited speaker: Physical therapy in headache disorder. December 23, Chiang Mai, Thailand
- 2017 Guest lecturer: Principle of physical examination of spine and temporomandibular joint. November 11-12, Phayao, Thailand
- 2017 Invited speaker: Management of cervical disorder (1-day course). October 20, Chiang Mai, Thailand
- 2017 Invited speaker: Assessment of cervical disorder (1-day course). October 6, Chiang Mai, Thailand
- 2017 Invited speaker: Preparing for changes in musculoskeletal system in senior. August 21. Chiang Mai, Thailand
- 2017 Invited speaker: Health promotion for older persons. August 2, Chiang Mai, Thailand
- 2017 Invited speaker: Preparing for changes in musculoskeletal system in senior. June 15. Chiang Mai, Thailand
- 2017 Invited speaker: Exercise for fall prevention in older persons. May 24, Chiang Mai, Thailand
- 2017 Invited speaker: Preparing for changes in musculoskeletal system in senior. February 23. Chiang Mai, Thailand
- 2016 Speaker: The management of cervical disorders: Assessment to recovery (3-day course). December 13-16, Chiang Mai, Thailand
- 2016 Speaker: The management of cervical disorders: Assessment to recovery (2-day course). November 30-December 3, Chiang Mai, Thailand
- 2016 Invited speaker: Preparing for changes in musculoskeletal system in senior. September 15. Chiang Mai, Thailand
- 2016 Invited speaker: Preparing for changes in musculoskeletal system in senior. June 16. Chiang Mai, Thailand
- 2016 Invited speaker: Preparing for changes in musculoskeletal system in senior. February 18. Chiang Mai, Thailand

- 2015 Invited speaker: Preparing for changes in musculoskeletal system in senior. August 27. Chiang Mai, Thailand
- 2015 Invited speaker: How to target the high impact international journals. August 19, Chiang Mai, Thailand
- 2015 Invited speaker: Preparing for changes in musculoskeletal system in senior. June 22. Chiang Mai, Thailand
- 2015 Guest lecturer: Principle of physical examination of spine and temporomandibular joint. April 25-26, Phayao, Thailand
- 2015 Invited speaker: Preparing for changes in musculoskeletal system in senior. February 26. Chiang Mai, Thailand
- 2015 Invited speaker: Advance in Physical Therapy technique. January 7-8, Chiang Rai, Thailand
- 2014 Invited speaker: Physical Therapy for neck pain patients. November 6-7, Phayao, Thailand
- 2014 Guest lecturer: Principle of physical examination of spine and temporomandibular joint. July 24-25, Phayao, Thailand
- 2014 Invited speaker: Cervicogenic headache. November, Lay, Thailand
- 2014 Invited speaker: Adjustment for physical health and pain. September, Chiang Mai, Thailand
- 2014 Paper presentation: Bridging the Gaps: From Clinical Reasoning to Clinical Practice for Upper and Lower Quadrants. June 23-27. Chiang Mai, Thailand
- 2014 Invited speaker: The Management of Cervical Disorders (4-day course). May 19-22, Phitsanulok, Thailand
- 2014 Invited speaker: Work related musculoskeletal pain. April, Lumphun, Thailand
- 2014 Invited speaker: Preparation for elderly to AEC. February, Chiang Mai, Thailand
- 2013 Invited speaker: Self-management and prevention of neck pain. August, Lamphun, Thailand
- 2011 Invited speaker: Core stability exercise for low back pain. August 23, Chiang Mai, Thailand
- 2011 Invited speaker: Clinical practice guidelines for low back pain: from evidence based to practice. August 10-11, Phitsanulok, Thailand
- 2011 Invited speaker: Craniocervical flexion test and training. July 29, Chiang Mai, Thailand
- 2011 Speaker: Management of the cervicospinal region: Assessment to recovery (3-day course). May 12-14, Chiang Mai, Thailand
- 2010 Invited speaker: Exercise technique. November 13, Chiang Mai, Thailand
- 2010 Invited speaker: Anatomical structures and functions. November 6. Chiang Mai, Thailand
- 2010 Guest lecturer: Physical therapy for musculoskeletal system. September 4-5, Payao, Thailand
- 2010 Invited speaker: Assessment and Management of cervical disorders. August 26, Chiang Mai, Thailand
- 2010 Invited speaker: Management for older persons. August 4, Chiang Mai, Thailand
- 2010 Invited speaker: Management for older persons. June 29, Chiang Mai, Thailand
- 2010 Invited speaker: Care for Thai older persons (2-day course). February 24-25, Chiang Mai, Thailand
- 2010 Guest lecturer: Applied anatomy and movement sciences: thoracolumbar region. February 6-7, Payao, Thailand

- 2010 Guest lecturer: Applied anatomy and movement sciences: cervical region. January 30-31, Payao, Thailand
- 2009 Invited speaker: Exercise for osteoporosis (1-day course). November, Uttaradit, Thailand

International presentation

- 2016 Effectiveness of physiotherapy for seniors with recurrent headaches associated with neck pain and dysfunction: a randomized controlled trial. IFOMPT, July 4-8 Glasgow, UK.
- 2012 The influence of neck pain on sensorimotor function in the elderly. IFOMPT, September 20-October 5, Quebec City, Canada
- 2012 Sensorimotor disturbances in elders with chronic neck pain. Asian Physical Therapy Research Symposium (APTRS), September 6-7, Bangkok, Thailand

Publications (peer-reviewed)

International Journals

Uthaikhup S, Sremakaew M, Treleaven J, Jull G, Barbero M, Falla D, Cescon C. Changes in multiple aspects of pain outcomes after rehabilitation: analysis of pain data in a randomized controlled trial evaluating the effects of adding sensorimotor training to manual therapy and exercise for chronic neck pain. *Clin J Pain*. 2024, 12. doi: 10.1097/AJP.0000000000001194. (ISI/Scopus Q1)

Konghakote S, Kamnardsiri T, Warner M, **Uthaikhup S**. Effects of slouched sitting posture on clavicular and scapular orientations and movements in individuals with neck pain with scapular dysfunction. *Gait Posture*. 2024, 23:109:78-83. doi: 10.1016/j.gaitpost.2024.01.027. (ISI/Scopus Q1)

Phapatarinan K, Sremakaew M, **Uthaikhup S**. Stimulated cervical afferent input increases postural instability in older people with chronic neck pain: a cross-sectional study. *BMC Geriatrics*. 2024, 24,153. doi.org/10.1186/s12877-024-04695-x. (ISI/Scopus Q1)

Sremakaew M, Konghakote S, **Uthaikhup S**. A cluster analysis of cervicocephalic kinesthetic sensibility in persons with nonspecific neck pain. *Physiotherapy Theory Practice*. 2023, 26;1-9. doi: 10.1080/09593985.2023.2229422. (ISI/Scopus Q2)

Chaikla R, Sremakaew M, Kothan S, Saekho S, Wantanajittikul K, **Uthaikhup S**. Effects of manual therapy combined with therapeutic exercise versus routine physical therapy on brain biomarkers in patients with chronic non-specific neck pain in Thailand: a study protocol for a single-blinded randomised controlled trial. *BMJ Open*. 2023, 24;13(4):e072624. doi:10.1136/bmjopen-2023-072624. (ISI/Scopus Q1)

Wannaprom N, Treleaven J, Jull G, **Uthaikhup S**. Reliability of changes in neck pain and cervical rotation range following manual scapular repositioning. *Journal of Bodywork and Movement Therapies*. 2023, 35:305-310. (ISI/Scopus Q2)

Wannaprom N, Jull G, Treleaven J, Warner M, **Uthaikhup S** Axioscapular and neck extensor muscle behavior during isometric shoulder exertions in patients with neck pain with and without a scapular downward rotation posture. *Gait Posture*. 2023;101:41-47. (ISI/Scopus Q1)

Sremakaew M, Jull G, Treleaven J, **Uthaikhup S**. Effectiveness of adding rehabilitation of cervical related sensorimotor control to manual therapy and exercise for neck pain: A randomized controlled trial. *Musculoskeletal Science and Practice*. 2023;63:102690. (ISI/Scopus Q1/2)

Thongton J, Sriburee S, Sremakaew M, **Uthaikhup S**. Pain-side related difference in cross-sectional area of the longus colli muscle and its relationship with standing balance in persons with non-specific neck pain. *Musculoskeletal Science and Practice*. 2022;62:102638 (ISI/Scopus Q1/2)

Wannaprom N, Jull G, Treleaven J, Warner M, Kamnardsirid T, **Uthaikhup S**. 3D measurement of clavicular and scapular orientations: The association with clinical characteristics and responsiveness to scapular repositioning in patients with neck pain. *Musculoskeletal Science and Practice*. 2022;62:102656 (ISI/Scopus Q1/2)

Wannaprom N, Jull G, Treleaven J, Warner M, Kamnardsirid T, **Uthaikhup S**. Clavicular and scapular, but not spinal kinematics vary with scapular dyskinesis type during arm elevation and lowering in persons with neck pain. *Gait Posture*. 2022;97:48-55 (ISI/Scopus Q1)

Chaikla R, Sremakaew M, **Uthaikhup S**. Shoulder-abduction force steadiness in individuals with neck pain with scapular dyskinesis. *Journal of Associated Medical Sciences*. 2022;55:31-37. (Scopus)

Chuatrakoon B, **Uthaikhup S**, Ngai S, Pothirat C, Liwsrisakun C, Sungkarat S. The effectiveness of home-based balance and pulmonary rehabilitation program in individuals with chronic obstructive pulmonary disease: a randomized controlled trial. *Eur J Phys Rehabil Med*. 2022 (in press) (ISI/Scopus Q1)

Wannaprom N, Konghakote S, Chaikla R, **Uthaikhup S**. Live and video observations of scapular dyskinesis in individuals with nonspecific neck pain: a reliability study. *Physiotherapy theory and practice*. 2022. doi.org/10.1080/09593985.2022.2039335. (ISI/Scopus Q2)

Wannaprom N, Treleaven J, Jull G, **Uthaikhup S**. Response rate and comparison of clinical features associated with positive or negative responses to a scapular positioning test in patients with neck pain and altered scapular alignment: a cross-sectional study. *BMJ* 2021;11:e057459. doi:10.1136/bmjopen-2021-057459. (ISI/Scopus Q1)

Sremakaew M, Treleaven J, Jull G, Vongvaivanichakul P, **Uthaikhup S**. Altered neuromuscular activity and postural stability during standing balance tasks in persons with non-specific neck pain. *Journal of Electromyography & Kinesiology*. 2021; 61:102608 (ISI/Scopus Q2)

Emasithi A, Pakdee S, Isaradisaiikul SK, **Uthaikhup S**. Translation and Validation of the Dizziness Handicap Inventory into Thai Language. *Otology& Neurotology* 42, 2021 (ISI/Scopus Q1).

Sittikraipong K, Silsupadol P, **Uthaikhup S**. Slower reaction and response times and impaired hand-eye coordination in individuals with neck pain. *Musculoskeletal Science and Practice*. 2020; 14;50:102273. doi: 10.1016/j.msksp.2020.102273 (ISI/Scopus Q1)

Uthaikhup S, Barbero M, Deborah, Sremakaew M, Tanrprawate S, Nudsasarn A. Profiling the extent and location of pain in migraine and cervicogenic headache. *Pain Medicine*. 2020; doi: 10.1093/pm/pnaa282. (ISI/Scopus Q1)

Chuatrakoon B, Ngai SPC, Sungkarat S, **Uthaikhup S**. Balance impairment and effectiveness of exercise intervention in Chronic Obstructive Pulmonary Disease—a systematic review. *Arch Phys Med Rehabil*. 2020; doi: 10.1016/j.apmr.2020.01.016. (ISI/Scopus Q1)

Longlalerng K, Sonsuwan N, **Uthaikhup S**, Kietwatanachareon S, Kamsaiyai W, Panyasak D, Pratanaphon S. High intensity interval training combined with resistance training improved apnea hypopnea index but did not modify oxygen desaturation index and oxygen saturation nadir in obese children with obstructive sleep apnea. *Sleep and Breathing*. 2020;24(2):571-580. doi: 10.1007/s11325-019-01899-z. (ISI/Scopus Q2)

Sremakaew M, Sungkarata S, Treleaven J, **Uthaikhup S**. Effects of tandem walk and cognitive and motor dual-tasks on gait speed in individuals with chronic idiopathic neck pain: a preliminary study. *Physiotherapy Theory and Practice*. 2019; 31:1-7. (ISI/Scopus Q2)

Wiangkham T, **Uthaikhup S**, Rushton AB. Pragmatic cluster randomised double-blind pilot and feasibility trial of an active behavioural physiotherapy intervention for acute non-specific neck pain: a mixed-methods protocol. *BMJ*. 2019. doi.org/10.1136/bmjopen-2019-029795. (ISI/Scopus Q1)

Suvarnnato T, Puntumetakul R, **Uthaikhup S**, Boucaut R. Effect of specific deep cervical muscle exercises on functional disability, pain intensity, craniovertebral angle, and neck-muscle strength in chronic mechanical neck pain: a randomized controlled trial. *Journal of Pain Research*. 2019;12:915-25. (ISI/Scopus Q1)

Chaiwong W, **Uthaikhup S**, Liwsrisakun C, Pothirat C. Effect of changing reference equations for spirometry interpretation in Thai people. *Journal of Thoracic Disease*. 2019;11:113-122. (ISI/Scopus Q2)

Onglalerng K, Sonsuwan N, **Uthaikhup S**, Kumsaiyai W, Sitalertpisan P, Traisathit P, Pratanaphon S. Translation, cross-cultural adaptation and psychometric properties of the Sleep-Related Breathing Disordered-Pediatric Sleep Questionnaire for obese Thai children with obstructive sleep apnea. *Sleep Medicine*. 2018;53:45-50. (ISI/Scopus Q1)

La-Up A, Wiwatanadate P, **Uthaikhup S**, Pruenglampoo S. Association between urinary cadmium and chronic musculoskeletal pain in residents of cadmium contaminated area in Northwest Thailand. *Environmental Science and Pollution Research*. 2018 doi: 10.1007/s11356-018-1665-3. (ISI/Scopus Q2)

Wannaprom N, Treleaven J, Jull G, **Uthaikhup S**. Neck muscle vibration produces diverse responses in balance and gait speed between individuals with and without neck pain. *Musculoskeletal Science and Practice*. 2018;35:25-9. (ISI/Scopus Q1)

Sremakaew M, Jull G, Treleaven J, Barbero M, Falla D, **Uthaikhup S**. Effects of local treatment with and without sensorimotor and balance exercise in individuals with neck pain: protocol for a randomized controlled trial. *BMC Musculoskeletal Disorders*. 2018 doi: 10.1186/s12891-018-1964-3. (ISI/Scopus Q2)

Sremakaew M, Sungkarat S, Treleaven J. **Uthaikhup S**. Impaired standing balance in individuals with cervicogenic headache and migraine. *Journal of Oral & Facial Pain and Headache*. 2018;32:321-8. (ISI/Scopus Q2)

Paungmali A, Joseph LH, Punturee K, Sitalertpisan P, Pirunsan U, **Uthaikhup S**. Immediate Effects of Core Stabilization Exercise on β -Endorphin and Cortisol Levels Among Patients With Chronic Nonspecific Low Back Pain: A Randomized Crossover Design. *Journal of Manipulative & Physiological Therapeutics*. 2018;41:181-188. (ISI/Scopus Q1)

Uthaikhup S, Assapun J, Kothan S, Watcharasaksilp K, Elliott JM. Structural changes of the cervical muscles in elder women with cervicogenic headache. *Musculoskeletal Science and Practice*. 2017;29:1-6. (ISI/Scopus Q1)

Assapun J, **Uthaikhup S**. Localized Pain Hypersensitivity in Older Women with Cervicogenic Headache: A Quantitative Sensory Testing Study. *Journal of Oral & Facial Pain and Headache*. 2017;31:80-6. (ISI/Scopus Q2)

Uthaikhup S, Assapun J, Watcharasaksilp K, Jull G. Effectiveness of physiotherapy for seniors with recurrent headaches associated with neck pain and dysfunction: a randomized controlled trial. *The Spine Journal*. 2017;17: 46-55. (ISI/Scopus Q1)

Paungmali A, Joseph L, Sitalertpisan P, Pirunsan U, **Uthaikhup S**. Lumbo-pelvic core stabilization exercise and pain modulation among individuals with chronic non-specific low back pain. *Pain Practice*. 2017,17:1008-1014. (ISI/Scopus Q1)

La-Up A, Wiwatanadate P, Pruenglampoo S, **Uthaikhup S**. Recommended Rice Intake Levels Based on Average Daily Dose and Urinary Excretion of Cadmium in a Cadmium-Contaminated Area of Northwestern Thailand. *Toxicological research*. 2017;33:291-97. (ISI/Scopus Q2)

Paungmali A, Henry LJ, Sitalertpisan P, Pirunsan U, **Uthaikhup S**. Improvements in tissue blood flow and lumbopelvic stability after lumbopelvic core stabilization training in patients with chronic non-specific low back pain. *Journal of Physical Therapy Science*. 2016; 28:635-40. (Scopus Q3)

Uthaikhup S, Pensri C, Kawsoiy K. Decreased thickness of the lower trapezius muscle in patients with unilateral neck pain. *Muscle Nerve*. 2016. 54:439-43. (ISI/Scopus Q2)

Leonard JH, Paungmali A, Sitalertpisan P, Pirunsan U, **Uthaikhup S**. Changes in Transversus Abdominis Muscle Thickness after Lumbo-Pelvic Core Stabilization Training among Chronic Low Back Pain Individuals. *Clinical Therapeutics*. 2015;166:e312-6. (ISI/Scopus Q1)

Uthaikhup S, Prasert R, Paungmali A, Boontha K. Altered pain sensitivity in elders with chronic neck pain. *PLoS One*. 2015; doi: 10.1371/journal.pone.0128946. (ISI/Scopus Q1)

Uthaikhup S, Wannaprom N, Kummaung P. Effects of gender and hand dominance on size of the lower trapezius muscle. *Muscle Nerve*. 2015;52:576-579. (ISI/Scopus Q2)

Puntumetakul R, Suvarnato T, Werasirirat P, **Uthaikhup S**, Yamauchi J, Boucaut R. Acute effects of single and multiple level thoracic manipulations on chronic mechanical neck pain: a randomized controlled trial. *Neuropsychiatric Disease and Treatment*. 2015; doi: 10.2147/NDT.S69579. (ISI/Scopus Q2)

Uthaikhup S, Sunkarat S, Khamsaen K, Meeyan K, Treleaven J. The effects of head movement and walking speed on gait parameters in patients with chronic neck pain. *Manual Therapy*. 2014;19:137-141. (ISI/Scopus Q1)

Uthaikhup S, Jull G, Sungkarat S, Treleaven J. The influence of neck pain on sensorimotor function in the elderly. *Archives of Gerontology and Geriatrics*. 2012;55:667-72. (ISI/Scopus Q1)

O'Leary S, Jull G, Kim M, **Uthaikhup S**, Vicenzino B. Training mode dependent changes in motor performance in neck pain. *Archives of Physical Medicine and Rehabilitation*. 2012;93:1225-33. (ISI/Scopus Q1)

Paungmali A, Sitalertpisan P, Taneyhill K, Pirunsan U, **Uthaikhup S**. Intrarater reliability of pain intensity, tissue blood flow, thermal pain threshold, pressure pain threshold and lumbo-pelvic stability tests in subjects with low back pain. *Asian Journal Sports Medicine*. 2012;3:8-14. (Scopus Q3)

Uthaikhup S, Paungmali A, Pirunsan U. Validation of Thai versions of the Neck Disability Index and Neck Pain and Disability Scale in patients with neck pain. *Spine (Phila Pa 1976)*. 2011;36:E1415-21. (ISI/Scopus Q1)

Uthaikhup S, Jull G. Performance in the cranio-cervical flexion test is altered in elderly subjects. *Manual Therapy*. 2009;14: 475-9. (ISI/Scopus Q1)

Uthaikhup S, Sterling M, Jull G. Cervical musculoskeletal impairment is common in elders with headache. *Manual Therapy*. 2009;14: 636-41. (ISI/Scopus Q1)

Uthaikhup S, Sterling M, Jull G. Psychological, cognitive and quality of life features in the elderly with chronic headache. *Gerontology*. 2009;55: 683-93. (ISI/Scopus Q1)

Uthaikhup S, Sterling M, Jull G. Widespread Sensory hypersensitivity is not a feature of chronic headache in elders. *Clinical Journal of Pain*. 2009;25: 699-704. (ISI/Scopus Q1)

Uthaikhup S, Sterling M, Jull G. Psychological, cognitive and quality of life features in elders with headache. *Journal of Aging and Physical Activity*. 2008;16:S93 (proceeding)

National Journals

Konghakote S, Wannaprom N, **Uthaikhup S**. Interrater reliability of clinical assessment of scapular dyskinesis in persons with chronic non-specific neck pain. *Thai Journal of Physical Therapy*. 2021;44 (in press) (TCI 1)

Jantoon N, **Uthaikhup S**. Forward head posture does not affect sensorimotor function in healthy university students. *Thai Journal of Physical Therapy*. 2020;44 (in press) (TCI 1)

Jantoon N, **Uthaikhup S**. Effects of an exercise program on cervical posture and sensorimotor function in persons with forward head posture. *Journal of Associated Medical Sciences*. 2020;53:62-71. (TCI 1)

Sittikraipong K, **Uthaikhup S**. Relationships between clinical features of neck pain and upper limb disability and reaction and response times in individuals with chronic neck pain. *Journal of Associated Medical Sciences*. 2019;52:212-218. (TCI 1)

Chuatrakoon B, **Uthaikhup S**, Pichaiya T, Sungkarat S. Relationship between cognition, disease severity and balance performance in individuals with Chronic Obstructive Pulmonary Disease. *Journal of Associated Medical Sciences*. 2019;52:132-138. (TCI 1)

Pakdee S, Kaewsiri SI, Emasithi A, **Uthaikhup S**. Relationship between clinical features of dizziness and self-perceived dizziness handicap. *Journal of Associated Medical Sciences*. 2019; 52: 83-85. (TCI 1)

Chaiwong W, Pothirat C, Liwsrisakun C, **Uthaikhup S**. The evaluation of changing from the Thai spirometry to the Global Lung Initiative 2012 reference equations on spirometry interpretation in Thai People. *Thai Journal of Physical Therapy*. 2018;40:69-75. (TCI 1)

Wannaprom N, Sungkarat S, **Uthaikhup S**. Change in gait speed using the timed 10 meter walk test in individuals with neck pain. *Journal of Associated Medical Sciences* 2018; 51: 1-5. (TCI 1)

Wannaprom N, Onket K, Puachaikul J, **Uthaikhup S**. Muscle thickness of the serratus anterior muscle during performing wall push-up plus and standard push-up plus using ultrasound imaging. *Journal of Associated Medical Sciences*. 2017; 50: 371-77. (TCI 1)

Wannaprom N, Khamkrung J, Puachaikul J, **Uthaikhup S**. A comparison of size of the serratus anterior muscle during contraction between dominant and non-dominant hands in healthy individuals. *Journal of Associated Medical Sciences*. 2017;50:385-90. (TCI 1)

Sremakaew M, **Uthaikhup S**. Balance impairment during standing and walking in individuals with cervicogenic headache. *Thai Journal of Physical Therapy*. 2016;38:84-92. (TCI 1)

Assapun J, **Uthaikhup S**. Quality of life in Thai elders with cervicogenic headache. *Thai Journal of Physical Therapy*. 2015;37: 136-44. (TCI 1)

Pensri C, **Uthaikhup S**. Measurement of thickness of the lower trapezius muscle using ultrasound imaging in individuals with chronic neck pain. *Journal of Medical Technology and Physical Therapy*. 2015;27:216-24. (TCI 1)

Kawsoiy K, **Uthaikhup S**. Intra-and inter-reliability of ultrasound imaging of the lower trapezius muscle thickness. *Journal of Medical Technology and Physical Therapy*. 2014; 26:180-88. (TCI 1)

Prasert R, Paungmali A, **Uthaikhup S**. Pressure pain thresholds in elders with idiopathic neck pain. *Journal of Medical Technology and Physical Therapy*. 2013;25:203-11. (TCI 1)

Janyou A, Sungkara S, **Uthaikhup S**. The influence of neck pain on gait parameters during walking on firm and soft surfaces. *Thai Journal of Physical Therapy*. 2012;34:1-8. (TCI 1)

Uthaikhup S. Cervicogenic headache: differential diagnosis. *Thai Journal of Physical Therapy*. 2012; 34: 55-64. (TCI 1)

Wongcharoen S, **Uthaikhup S**, Silsupadol P. Contributing factors to dual-task related gait changes in elders. *Thai Journal of Physical Therapy*. 2012;34:24-36. (TCI 1)

Uthaikhup S. Type I diabetes and exercise participation: physical therapy's role. *Thai Journal of Physical Therapy*. 2003;3:38-45. (TCI 1)

Techasupamorn T, **Uthaikhup S**, Kunkhum N. The effect of home stretching exercise program on back and leg flexibility, *Thai Gerontology and Geriatric Medicine*. 2002;3:14-20. (TCI 1)

Ariyachaikhul S, Phumjan K, **Uthaikhup S**. The need for physical therapist in community. *Thai Journal of Physical Therapy*. 2001;23: 21-3. (TCI 1)

Research Grants

Year	Title	Researchers	Awarding body	Value (Baht)
2023	Alteration and restoration of brain morphology and neurochemistry in chronic nonspecific neck pain (continuing project)	Uthaikhup S Sremakaew M Kothan S Saekhow S	Fundamental Fund (FF)	1,400,000
2022	Alteration and restoration of brain morphology and neurochemistry in chronic nonspecific neck pain	Uthaikhup S Sremakaew M Kothan S Saekhow S	Fundamental Fund (FF)	627,000
2022	Development and validation of a novel artificial intelligence-based assessment tool (the NeckSense app) for	Sremakaew M Uthaikhup S (Mentor)	Research Grant for New Scholar	555,000

	evaluating cervicocephalic kinesthetic sensibility impairment in individuals with neck pain			
2021	Prototype development of exercise equipment for specific craniocervical flexor muscles	Uthaikhup S Sanguansri A	NIA Venture	555,000
2020	Appropriate housing for Thai Elderly to promote physical and mental health by Age friendly community concept	Chindapol S Akarapoti Wong P Jarutach T Sawangjaroen J Horsutisima K Tunmongkol S Uthaikhup S (Mentor)	National Research Council of Thailand (NRCT)	4,036,000
2019	A follow up study of effects of home-based balance training combined with a pulmonary rehabilitation (PR) on fall risk in individuals with Chronic Obstructive Pulmonary Disease (COPD)	Chuatrakoon B Sungkarat S Uthaikhup S	Associated Medical Sciences, Chiang Mai University	62,359
2019	Prototype: deep neck exercise device	Uthaikhup S Sanguansri A Sawattikanon N	Division of Innovation and Industrial Technology	120,000
2018	Effects of local neck treatment with and without sensorimotor control and balance exercises for individuals with chronic idiopathic neck pain: a randomized controlled trial	Uthaikhup S	Research Career Development Grant (RSA)	1,500,000
2018	Improving the posture and muscle control of the scapular will relieve chronic neck pain	Uthaikhup S	The Royal Golden Jubilee Ph.D. Program (RGJ)	1,802,000
2018	Physiological Factors related to Balance impairment and	Sungkarat S Uthaikhup S	Associated Medical Sciences, Chiang	60,000

	Falls in Individuals with Chronic Obstructive Pulmonary Disease (COPD)	Pichaiya T Chuatrakoon B	Mai University	
2018	Cluster randomised pilot and feasibility trial of an active behavioural physiotherapy intervention for acute nonspecific neck pain: a mixed method	Wiangkham T Rushton A Uthaikhup S (Mentor)	Thai Research Funding (TRF) for young research	600,000
2017	A survey of smartphone addiction and factors associated with smartphone usage and upper body posture in university student of Chiang Mai University	Thawinchai N Uthaikhup S Pirunsan U Kamnardsiri T	Associated Medical Sciences, Chiang Mai University	60,000
2016	Development of physical fitness assessment tool related with active daily living and high risk for disability movement for Thai elderly	Tanakietpinyo S Uthaikhup S Panti S Silsupadol P Jinnajin S Wuttisomwongkul K Rungrukrean B	National Research Council of Thailand (NRCT)	1,283,750
2016	The use of digital pain drawings in individuals with cervicogenic headache, migraine and tension-type headache	Uthaikhup S Sauwaluk D Sungkarat S	Associated Medical Sciences, Chiang Mai University	60,000
2015	Development of physical fitness assessment tool related with active daily living and high risk for disability movement for Thai elderly	Tanakietpinyo S Uthaikhup S Panti S Silsupadol P Jinnajin S Wuttisomwongkul K Rungrukrean B	National Research Council of Thailand (NRCT)	668,850
2015	Development of Community Potentiality for Integrated Care of Dependent Older People	Khampolsiri T Chintanawat R Suwankruhasn N Nanasilp P Uthaikhup S	Chiang Mai University	851,994

2015	Reliability of Stroke Rehabilitation Assessment of Movement (STREAM)	Sungkarat S Uthaikhup S	Associated Medical Sciences, Chiang Mai University	48,500
2015	Balance dysfunction in individuals with cervicogenic headache	Uthaikhup S Sungkarat S Boripuntakul,S	Associated Medical Sciences, Chiang Mai University	54,500
2014	Development of physical fitness assessment tool related with active daily living and high risk for disability movement for Thai elderly	Tanakietpinyo S Uthaikhup S Panti S Silsupadol P Jinnajin S Wuttisomwongkul K Rungrukrean B	National Research Council of Thailand (NRCT)	525,850
2014	Changes in cervical musculature in elders with and without headache	Uthaikhup S Kothan S	Research grant for mid-career, Chiang Mai University	200,000
2013	Gait speed during different walking conditions in patients with chronic neck pain	Uthaikhup S Sungkarat S Silsupadol P	Associated Medical Sciences, Chiang Mai University	41,800
2013	Falls and functional performance in older adults who practice mindfulness meditation	Silsupadol P Sungkarat S Uthaikhup S	Associated Medical Sciences, Chiang Mai University	60,000
2012	A randomized controlled trial of exercise and manipulative therapy for elders with frequent intermittent headache associated with neck pain and impairment	Uthaikhup S	Thai Research Funding (TRF) for young research	480,000
2012	Effects of Physiological Factors and Functional Ability on Recurrent Falls in the Elderly	Uthaikhup S Sungkarat S Silsupadol P	Associated Medical Sciences, Chiang Mai University	51,620
2011	Physiological factors associated with fall and functional ability in Thai-community-dwelling elderly	Uthaikhup S Sungkarat S Silsupadol P	Associated Medical Sciences, Chiang Mai University	60,000

2011	Comparisons of pressure and thermal pain thresholds in elders with and without neck pain	Boontha K Uthaikhup S Paungmali A	Associated Medical Sciences, Chiang Mai University	54,010
2010	An investigation of hypoalgesic mechanisms of core stabilizing exercise: a randomized placebo controlled trial.	Paungmali A Taneyhill K Sitilertpisan P Pirunsan U Uthaikhup S	TRF	480,000
2009	Validation of the Thai version of the Neck Disability Index and the Neck Pain and Disability Scale in patients with neck pain	Uthaikhup S Paungmali A Pirunsan U	Associated Medical Sciences, Chiang Mai University	45,500
2009	The influence of neck pain on sensorimotor function in elderly patients	Uthaikhup S Sungkarat S Treleaven J Jull G	Chiang Mai University	99,940

Student supervision

Year	Name	Title	Level
2023	Bhiromlak Charoenrat	Work in process	MSc (ongoing) Advisor
2023	Thanawat Yodthee	Work in process	MSc (ongoing) Advisor
2022	Rungratcha Aramsaengthien	Alterations of Axioscapular Muscle Thic kness in Patients with Chronic Non-specific Neck pain and Scapular Dyskinesis	MSc (ongoing) Advisor
2022	Rungtawan Chaikla	Alteration and restoration of brain morphology and neurochemistry in chronic nonspecific neck pain	PhD. (ongoing) Advisor
2021	Korawat Phapatarinan	Effect of neck torsion on standing balance in elderly with non-specific neck pain	MSc. (completed) Advisor
2020	Jirasin Thongton	Relationships between longus colli morphology and standing balance in persons with neck pain	MSc. (completed) Advisor

2020	Rungtawan Chaikla	Shoulder-abduction force steadiness in individuals with neck pain with scapular dyskinesia	MSc. (completed) Advisor
2019	Supatcha Konghakote	Effect of sitting posture on scapular kinematics in individuals with neck pain with scapular dyskinesia	MSc. (completed) Advisor
2018	Nipaporn Wannaprom	The relevance of scapular dysfunction in neck pain: clinical features, kinematics, and muscle activity	PhD. (completed) Advisor
2017	Kawintra Sittikraipong	Reaction time, response time, and hand-eye coordination in individuals with chronic idiopathic neck pain	MSc. (completed) Advisor
2017	Nontacha Jantoon	Effects of a self-specific exercise program on cervical posture and sensorimotor function in persons with forward head posture	MSc. (completed) Advisor
2016	Munlika Sremakaew	Assessment and treatment of impaired sensorimotor system in individuals with neck pain	PhD. (completed) Advisor
2016	Busaba Chuatrakoon	Assessment and management of balance impairment and fall risk in individuals with chronic obstructive pulmonary disease (COPD)	PhD. (completed) Co-Advisor
2016	Nipaporn Wannaprom	Effects of neck muscle vibration on standing balance and gait speed in individuals with neck pain	MSc. (completed) Advisor
2016	Sirinthip Pakdee	Reliability, responsiveness and discriminate ability of Thai version of dizziness handicap Inventory	MSc. (completed) Advisor
2015	Warawut Chaiwong	Agreement between the new global lung function 2012, two common-used equations and the Thai reference equation for spirometric interpretations in Thai population	MSc. (completed) Advisor
2014	Munlika Sremakaew	Standing balance impairment in individuals with cervicogenic headache and migraine	MSc. (completed) Advisor
2012	Chalomjai Pensri	Measurement of thickness of the lower trapezius muscle using ultrasound imaging in individuals with chronic neck pain	MSc. (completed) Advisor

2011	Jenjira Assapun	Cervical musculature, sensory features and management of headache in the elderly	PhD. (completed) Advisor
2011	Kanokon Kawsoiy	Changes in thickness of the lower trapezius muscle in individuals with chronic unilateral neck pain	MSc. (completed) Advisor
2010	Romchat Prasert	Differences in pain thresholds between elders with and without chronic neck pain	MSc. (completed) Advisor
