

Jau-Hong Lin, PT, PhD

Educational Background

- Ph.D. Institute of Medicine, Kaohsiung Medical University
1996/09~2000/06
- M.S. Institute of Engineer Science, National Cheng Kung University
1987/09~1989/06
- B.S. Department of Physical Therapy, National Taiwan University
1981/10~1985/06

Expertise

- Physical Therapy for Neurological Disease
- Administration for Physical Therapy
- Biomechanics

Courses

- Physical Therapy Administration and Management
- Special Topic for Movement Measurement and Analysis
- Special Topic for Physical Therapy Evidence-based on Stroke Patients
- Seminar (I)

Research Projects

1. The influence of related factors about receiving rehabilitation therapy on stroke patients: understanding the feasibility of physical therapy at home (DOH-81-MA-050)
2. Functional outcome for vascular dementia and poststroke neurobehavioral disorders (NSC87-2314-B-037-010)
3. A prospective study of functional outcome for vascular dementia and poststroke neurobehavioral disorders (NSC88-2314-B-037-080)
4. A One-year Follow-up study among Post-rehabilitation Stroke Patients

- (NSC89-2320-B-037-014)
5. A Follow-up Study of the Functional Recovery of Stroke Patients after Hospital Discharge: A preliminary study Based on Community in Nan-Tou County (NSC91-2314-B-037-331)
 6. Effect of treadmill training with body weight support on functional outcomes for stroke patients (NSC92-2314-B-037-066)
 7. Quality of Life and Adaptation to Impairment among Children and Adolescents with Physical Disabilities in Taiwan (NSC93-2314-B-037-044-MY2)
 8. Analysis and Comparison of the Psychometric Properties of Upper Extremity Movement and Function Measures for Stroke Patients (NSC95-2314-B-037-068)
 9. Effect of Thermal Stimulation for Upper Extremity Movement and Function in Patients with Stroke (NSC96-2314-B-037-028-MY3)
 10. Research & Development of Portable Saving Energy Constant Temperature Stimulator (NSC99-2622-B-037-002-CC3)
 11. Effects of cycling motion training on lower extremity motor and function recovery after stroke (NSC99-2314-B-037-008-MY3)
 12. Application of Thermal stimulation on functional recovery in patients with stroke (NHRI-EX102-9907PI).
 13. Motor recovery of upper extremity in patients with chronic stroke: comparisons of effects among thermal stimulation only, neuromuscular electrical stimulation only, and thermal stimulation combined with neuromuscular electrical stimulation (NSC102-2314-B-037-010-MY3)
 14. Effects of combination transcranial direct current stimulation and neuromuscular electrical stimulation on upper extremity motor recovery in patients with stroke (MOST105-2314-B-037-006-MY3)
 15. Effects of thermal stimulation on the neuromuscular properties of lower limbs in patients with stroke (MOST108-2314-B-037-078)

Career Experiences

- Professor, Department of Physical Therapy, KMU, Taiwan
- Chief, Office of Auditing, KMU, Taiwan
- Chief, Division of Graduate Affairs, Office of Academic Affairs, KMU
- Visiting Scholar, School of Physical Therapy, Uni. of Sydney, Australia
- Associate Professor, Director, Faculty of Physical Therapy, KMU, Taiwan
- Associate Professor, Director, Faculty of Rehabilitation Medicine, KMU
- Associate Professor, Faculty of Rehabilitation Medicine, KMU
- Lecturer, Faculty of Rehabilitation Medicine, KMU



- Planning Board of Related to Medicine, Higher Education Evaluation & Accreditation Council of Taiwan.
- Supervisor, National Federation of Associations of Physical Therapists, Taiwan.
- Supervisor, Physical Therapists Society of Kaohsiung, Taiwan.
- President, Physical Therapists Society of Kaohsiung, Taiwan. 2010~2013
- Managing Supervisor, Physical Therapy Association of Taiwan. 2005 ~ 2010
- Board of Directors, Physical Therapy Association of Taiwan. 1991 ~ 2005
- Board of Supervisor, Physical Therapists Society of Kaohsiung, Taiwan. 1998~2004

Refereed Journal Papers in recently 5 years

1. Chien-Chih Chen, Yu-Ching Tang, Miao-Ju Hsu, Sing-Kai Lo, Jau-Hong Lin* (2019, Jan). Effects of the hybrid of neuromuscular electrical stimulation and noxious thermal stimulation on upper extremity motor recovery in patients with stroke: a randomized controlled trial. *Topics in Stroke Rehabilitation*, 26(1):66-72. (SCI, 30/65, Rehabilitation). MOST 102-2314-B-037-010-MY3.
2. Yi-Lun Chou, Hsiu-I Chen, Miao-Ju Hsu, Sharon Chia-Ju Chen, Chia-Hsin Chen, Jau-Hong Lin* (2019, Mar). Effects of Cycling Training on Sensorimotor Activation and Functional Recovery of Lower Extremity in Patients With Stroke: A Preliminary fMRI Study. *Formosan Journal of Physical Therapy*, 44(1), 9-17. MOST 105-2314-B-037-006-MY3.
3. Chia-Lin Koh, Jau-Hong Lin, Jiann-Shing Jeng, Sheau-Ling Huang*, Ching-Lin Hsieh (2017, Dec). Effects of tDCS with sensory modulation on stroke motor rehabilitation: A randomized controlled trial. *Arch Phys Med Rehabil*, 98(12), 2477-84. (SCI, 9/65, Rehabilitation).
4. Roxane Lin, Miao-Ju Hsu, Ruey-Tay Lin, Mao-Hsiung Huang, Chia-Lin Koh, Ching-Lin Hsieh, Jau-Hong Lin* (2017, Dec). No difference between noxious and innocuous thermal stimulation on motor recovery of upper extremity in patients with acute stroke: a randomized controlled trial with 6-month follow-up. *PM&R*, 9(12), 1191-9. (SCI, 24/65, Rehabilitation). MOST 102-2314-B-037-010-MY3.
5. I Tai, Chiou-Lian Lai, Miao-Ju Hsu, Ruey-Tay Lin, Mao-Hsiung Huang, Chuan-Li Lin, Ching-Lin Hsieh, Jau-Hong Lin* (2014, Sep). Effect of Thermal Stimulation on Corticomotor Excitability in Stroke Patients. *Am J Phys Med Rehabil*, 93(9), 801-808. (SCI, 25/65, Rehabilitation). MOST 102-2314-B-037-010-MY3.
6. Chia-Hsin Chen, Shih-Feng Lin, Wan-Hui Yu, Jau-Hong Lin, Hao-Ling Chen*, Ching-Lin Hsieh (2014, Aug). Comparison of the test-retest reliability of the balance computerized adaptive test and a computerized posturography Instrument in patients with stroke. *Arch Phys Med Rehabil*, 95(8), 1477-83. (SCI, 9/65, Rehabilitation).

7. Huei-Ching Yang, Chia-Ling Lee, Roxane Lin, Miao-Ju Hsu, Chia-Hsin Chen, Jau-Hong Lin*, Sing Kai Lo (2014, Jan). Effect of Biofeedback Cycling Training on Functional Recovery and Walking Ability of Lower Extremity in Patients with Stroke. *Kaohsiung J Med Sci*, 30(1), 35-42. (SCI, 110/133, Medicine, Research & Experimental). NSC 99-2314-B-037-008-MY3.
8. Hsin-Wen Hsu, Chia-Ling Lee, Miao-Ju Hsu, Hung-Chia Wu, Roxane Lin, Ching-Lin Hsieh, Jau-Hong Lin* (2013, Apr). Effects of Noxious versus Innocuous Thermal Stimulation on Lower Extremity Motor Recovery 3 Months after Stroke. *Arch Phys Med Rehabil*, 94(4), 633-641. (SCI, 9/65, Rehabilitation). NHRI-EX101-9907PI.
9. 葉哲宇, 許妙如, 蕭世芬, 陳嘉炘, 黃茂雄, 林瑞泰, 林昭宏* (2019年03月)。經顱直流電刺激合併神經肌肉電刺激於健康人動作皮質興奮性之時序及年齡效應。 **物理治療** · 44(1), 18-28。科技部：105-2314-B-037-006-MY3。 [English abstract]
10. 陳惠瑜, 林昭宏, 鍾蝶起, 陳宇光, 何美瑤* (2018年01月)。跑步機訓練對慢性期腦中風病人平衡和步行能力的成效。 **物理治療** · 43(1), 1-9。 [English abstract]
11. 林芳瑾, 葉哲宇, 許妙如, 陳嘉炘, 林昭宏* (2017年12月)。經顱直流電刺激合併神經肌肉電刺激於健康人大腦動作皮質興奮性的立即效應。 **物理治療** · 42(4), 289-297。科技部：105-2314-B-037-006-MY3。 [English abstract]
12. 董俊良, 林芳瑾, 唐鈺晶, 黃茂雄, 陳嘉炘, 林昭宏* (2017年03月)。比較上肢痛覺溫度刺激和神經肌肉電刺激對於中風病患大腦皮質興奮性的即時效應：經顱磁刺激先導型研究。 **物理治療** · 42(1), 1-11。國科會：102-2314-B-037-010-MY3。 [English abstract]
13. 陳世銘, 李佳容, 林芳瑾, 唐鈺晶, 李佳玲, 林昭宏* (2016年03月)。冷熱溫度刺激治療強度對於慢性期中風患者上肢動作恢復的療效。 **物理治療** · 41(1), 48-55。科技部：102-2314-B-037-010-MY3。 [English abstract]
14. 林卷立, 許妙如, 陳健智, 林瑞泰, 黃茂雄, 林昭宏* (2014年03月)。上肢不同部位痛覺溫度刺激對於大腦皮質興奮性的即時效應：先導型研究。 **物理治療** · 39(1), 25-31。國家衛生研究院：NHRI-EX102-9907PI。 [English abstract]
15. 洪瑞敏, 林昭宏, 陳健智, 林卷立, 陳丙何, 許妙如* (2014年03月)。踩車運動訓練對於健康老年人以及年輕人之行走能力以及腦動作皮質活化之影響。 **物理治療** · 39(1), 32-41。國科會：99-2314-B-037-008-MY3。 [English abstract]