

---

# Professor Tai-Chu Peng, RN, Ph.D

No. 701, Sec 3., Zhongyang RD. Hualien 970374, Taiwan.

[ptc2008@gms.tcu.edu.tw](mailto:ptc2008@gms.tcu.edu.tw)

Office:A404

Phone:886-3-8565301 ext.2232

Fax:886-3-8574767

---



## Education

Tzu Chi University

Institute of Medical Sciences, Taiwan

Doctor of Philosophy(Ph.D)in Nursing

National Taiwan University

College of Medicine Graduate Institute of Public Health,  
Taiwan

Master of Science (MS)

(Major: Occupational Health Nursing)

National Taiwan University

College of Medicine, School of Nursing, Taiwan

Bachelor's degree

## Work experience

Professor

Tzu Chi University, Taiwan  
Department of Nursing

Aug 2011~present

Director

Tzu Chi University, Taiwan  
Department of Nursing

Aug 2012~June 2015

Aug 2016~present

Associate Professor

Tzu Chi College of Technology

Feb 2006~Aug 2011

Director secretary

Tzu Chi College of Technology  
Secretary office

Aug 2005~June 2011

Director

Tzu Chi College of Technology  
Department of Nursing

Aug 1994~June 2002

Lecturer

Tzu Chi College of Technology  
Department of Nursing

Aug 1992~January 2006

## Teaching and Research

1. Community Health Nursing
2. Long Term Care
3. Traditional Chinese Medicine in Nursing

## Publication

1. Huang, C. H., Lue, K.H., Hsieh, T.C., Liu, S.H., Wang, T. F., & **Peng, T. C.\*** (2020). Association between sarcopenia and clinical outcomes in patients with esophageal cancer under neoadjuvant therapy. *Anticancer Research*,40:1175-1181. (SCI, Oncolgy, 183/223=82.06%, IF: 1.865)
2. Huang, C. H., Hsieh, T. C., Chang, B. S., Wang, T. F., Wu, J. L., Chang, P. C., & **Peng, T. C.\*** (2019). Enteral access potentially endangers esophageal carcinoma patients under multi-modality therapy: A population-based study. *Anticancer Res*, 39(4), 2227-2232. doi:10.21873/anticancer.13338 (SCI, Oncolgy, 183/223=82.06%, IF: 1.865)
3. Yu, W.R., **Peng, T.C.**, Yeh, H.L., & Kuo, H.C. (2019). Anxiety severity does not influence treatment outcomes in patients with interstitial cystitis/bladder pain syndrome. *Neurourology and Urodynamics*, Aug; 38(6),1602-1610. doi: 10.1002/nau.24019. Epub 2019 May 6. (SCI, Urology & Nephrology, 32/80=40%, IF: 2.36)
4. Huang, C. H., Wang, T. F., Wu, Y. F., Cheng, Y. T., Lo, S. F., Hsieh, T. C., & **Peng, T. C.\***. (2018). Efficacy of enteral access in patients with esophageal squamous cell carcinoma under neoadjuvant therapy. *Anticancer Res*, 38(12), 6939-6945. doi:10.21873/anticancer.13072 (SCI, Oncolgy, 183/223=82.06%, IF: 1.865)
5. Lee-Mei Chi., Li-Mei Lin., Chien-Lin Chen., Shu-Fang Wang., Hui-Ling Lai., **Tai-Chu Peng\*** (2016, Mar.). The effectiveness of cupping therapy on relieving chronic neck and shoulder pain: A randomized controlled trial. *Evidence-Based Complementary and Alternative Medicine*. Volume 2016, Article ID 7358918, 7 pages, <http://dx.doi.org/10.1155/2016/7358918> (SCI, category: Integrative & Complementary Medicine , 7/24=29.2%, IF: 1.9).
6. Lin, L. M., Chi, L. M., & **Peng, T. C.\***. (2016). To explore the effects of human meridian energy and acupoint skin resistance by taking a rest . *Integrative Nursing*. 3, 59-71.
7. Chai, Z.H, Peng T.C., Lai, H.L., Wang, S.F.(2016). Influential factors related to rooming-in care. *VGH Nursing*. 33(3),283-292.
8. Lin, L. M., & **Peng, T. C.\*** (2015). Physiological relevance and nursing care applications of moxibustion as applied to the Sanyinjiao acupoint on females. *The Journal of Nursing*, 62(6), 5–12. doi:10.6224/JN.62.6.5.
9. Hsieh, Mei-Lin<sup>1</sup>, Hsu, Wen-Lin, Huang, Chun-Hou<sup>1</sup>, Peng, **Tai-Chu\*** (2014). The exploration of oral cancer patients receiving nutritional care. *Journal of Health and Architecture*, 1(4),60-67.
10. Ru-Ping Lee ., Yi-Maun Subeq., **Tai-Chu Peng\*** (2014). The exploration of hepatoprotective and antioxidant activity in freshwater clam extract. *Journal of Health and Architecture* 2014 ; 1(2) : 82-88.
11. Li-Mei Lin, Shu-Fang Wang, Ru-Ping Lee, Bang-Gee Hsu, Nu-Man Tsai, **Tai-Chu Peng\*** (2013). Changes in skin surface temperature at an acupuncture point with moxibustion. *Acupunct Med sep*,31(3):337. doi:10.1136/acupmed-2012-010268. (SCI, category: Integrative & Complementary Medicine , 13/22=59%, IF: 1.188).
12. Lee-Mei Chi, Li-Mei Lin, Chung-Shuen Lin, **Tai-Chu Peng\*** (2012) Effects of acupressure on upper respiratory infection symptoms and heart rate variability changes, *Journal of Tzu Chi Institute of Technology*, 19 , 191-204.
13. Chun-Hou Huang, Shu-Fang Wang, Li-Mei Lin, **Tai-Chu Peng\*** (2012) Evaluation

meridian energy and changes in autonomic nervous system by foot bath. *Integrative Nursing*, 2,32-43.

14. Lai HL, Liao KW, Huang CY, Chen PW, **Peng TC** (2012). Effect of music on immunity and physiological responses in healthcare workers: A randomized controlled trial. *Stress Health*. 2012 Apr 11. doi: 10.1002/smi.2429.
15. Lee, R. P., Hsu, B. G., Harn, H. J., Chao, Y. F., **Peng, T. C.\*** (2012). Freshwater clam extract decreased hemorrhage shock induced liver injury by attenuating TNF-alpha produce. *Biological Research for Nursing* 14, 281-291. (SCI, category: Nursing, 36/72=50%, IF: 0.93).
16. Pei-Rong Lee<sup>1</sup>, Hui-Ling Yeh, Hann-Chorng Kuo, Ru-Ping Lee, **Tai- Chu Peng**, Yi-Maun Sube\*(2012). Relationships among clinical symptoms, bladder condition, and subjective perceptions in patients with interstitial cystitis/painful bladder syndrome, *Journal of Nursing Research*, 59(1): 51-60.
17. Chia-Hua Tai, Nien-Tsung Lin, **Tai-Chu Peng**, Ru-Ping Lee\* (2011). Cleaning small-volume nebulizers: the efficacy of different reagents and application methods. *Journal of Nursing Research* 19(1):61-67. (TSSCI)
18. Fwu-Lin Yang, Yi-Maun Subeq, Chung-Jen Lee, Ru-Ping Lee, **Tai-Chu Peng**, Bang-Gee Hsu\*(2011). Melatonin ameliorates hemorrhagic shock-induced organ damage in rats. *Journal of Surgical Research*, 167, 315-321. (SCI) (category: Surgery 53/187, 28.34 %, IF: 2.239).
19. Fwu-Lin Yang, Yi-Maun Subeq, Chung-Jen Lee, Ru-Ping Lee, **Tai-Chu Peng**, Horng-Jyh Harn, Bang-Gee Hsu\*(2011). Rosiglitazone protects against severe hemorrhagic shock induced-organ damage in rats. *Medical Science Monitor*. 17(10): BR282-289. (SCI) (category: Medicine, Research & Experimental 60/106, 56.60%, IF:1.699)
20. Yea-Ling Hsiang, **Tai-Chu Peng**, Fwu-Lin Yang, Chain-Fa Su, Ru-Ping Lee(2011). The effects of education program on anxiety and knowledge for the primary caregiver of head injury patients, *New Taipei Journal of Nursing*, 13(1), 13(1),33-42.
21. **Peng, T. C.**, Hsu, B. G., Harn, H. J., Chao, Y. F., Lee, R. P. (2010). Stability of blood biochemistry levels in animal model research: Effects of storage condition and time. *Biological Research for Nursing*, 11(4), 395-400. (SCI, category: Nursing, 36/72=50%, IF: 0.93).
22. Mei-Ying Chang, Shu-Feng Wang, Hsiou-chieh Teng, Min-Hsiu Chen, Chun-Hou Huang, **Tai-Chu Peng\***(2010). The nursing view of traditional Chinese hot footbath life nurturing, *Integrative Nursing*, 1(1) , 35-42.
23. **Tai-Chu Peng**, Chia-Ying Sun, Shu-Fang Wang (2010). I CAN DO IT- The lived experiences of Taiwanese women who breastfed beyond six months, *The Journal of Midwifery*, 52,7-20.
24. Lee, C. J., **Peng, T. C.**, Hsu, B. G., Harn, H. J., Chao, Y. F., Lee, R. P. (2010) Lack of exercise decreases survival and increases organ damage after hemorrhagic shock in rats. *Biological Research for Nursing* 12(2), 198-205. (SCI, category: Nursing, 36/72=50%, IF: 0.93)
25. Subeq, Y. M., **Peng, T. C.**, Hsu, B. G., Yang, F. L., & Lee, R. P. (2010). Fluid resuscitation therapy application and nursing following hemorrhagic shock. *The Journal of Nursing*, 57(1), 17-21.
26. Chang, H.K., **Peng, T.C.**, Wang, J.H., Lai, H.L. (2010). Psychophysiological responses to sedative music in patients cardiac catheterization examination: A randomized controlled trial. *Journal of Cardiovascular Nursing* (accepted). (SSCI Category: Nursing, 9/72=12.5

%).

27. Subeq, Y. M., **Peng, T. C.**, Hsu, B. G., Lin, N. T., Chao, Y. F., Hu, T. M., et al. (2009). Effects of different fluid resuscitation speeds on blood glucose and interleukin-1 beta in hemorrhagic shock. *Journal of Trauma*, 66(3), 683-692. (SCI, category: Surgery 28/139, 20.14 %, IF: 2.334).
28. Lee, C. J., Lee, R. P., Subeq, Y. M., Lee, C. C., **Peng, T. C.**, & Hsu, B. G. (2009). Propofol protects against hemorrhagic shock-induced organ damage in conscious spontaneously hypertensive rats. *Biological Research for Nursing*, 11(2)152-162. (SCI, category: Nursing, 10/46=21.74%, IF: 1.214).
29. Yang, F. L., Subeq, Y. M., Lee, C. J., Lee, R. P., **Peng, T. C.**, & Hsu, B. G. (2009). Melatonin ameliorates hemorrhagic shock-Induced organ damage in rats. *Journal of Surgical Research*, (Article in press). (SCI, category: Surgery, 46/167=27.5%, IF: 2.176).
30. An-Chi Wu, **Tai-Chu Peng**, Shoa-Jen Perng, Harn-Yi Huang, Ru-Ping Lee\*(2009). The level of worry and coping strategies as occupation hazards among intensive care unit nurses, *Tzu Chi Nursing Journal*, 8(3), 70-80.
31. **Peng, T. C.**, Subeq, Y. M., Lee, C. J., Lee, C. C., Tsai, C. J., Chang, F. M., et al. (2008). Freshwater clam extract ameliorates acute liver injury induced by hemorrhage in rats. *The American journal of Chinese medicine*, 36(6), 1121-1133. (SCI, category: Integrative & Complementary Medicine 5/14, 35.7 %, IF: 1.058)
32. Lai, H. L., Chen, P. W., Chen, C. J., Chang, H. K., **Peng, T. C.**, & Chang, F. M. (2008). Randomized crossover trial studying the effect of music on examination anxiety. *Nurse Education Today*, 28(8), 909-916. (SSCI, category: nursing 34/59, 57.6 %, IF: 0.84).
33. Lai, H. L., Hwang, M. J., Chen, C. J., Chang, K. F., **Peng, T. C.**, & Chang, F. M. (2008). Randomized controlled trial of music on state anxiety and physiological indices in patients undergoing root canal treatment. *Journal of Clinical Nursing*, 17(19), 2654-2660. (SSCI, category: nursing 10/59, 16.9 %, IF: 1.376).
34. Lai, H. L., Lin, Y. P., Chang, H. K., Chen, C. J., **Peng, T. C.**, & Chang, F. M. (2008). Is nursing profession my first choice? A follow up survey in pre-registration student nurses. *Nurse Educ Today*, 28(6), 768-776. (SSCI, category: nursing 34/59, 57.6 %, IF: 0.84).
35. **Peng, T. C.**, Liao, K. W., Lai, H. L., Chao, Y. F., Chang, F. M., Harn, H. J., et al. (2006). The physiological changes of cumulative hemorrhagic shock in conscious rats. *Journal of Biomedical Science*, 13(3), 385-394. (SCI, category: Medicine, Research & Experiment 43/76, 56.6 %, IF: 1.668 ).
36. Lai, H. L., Chen, C. J., **Peng, T. C.**, Chang, F. M., Hsieh, M. L., Huang, H. Y., et al. (2006). Randomized controlled trial of music during kangaroo care on maternal state anxiety and preterm infants' responses. *International Journal of Nursing Studies*, 43(2), 139-146. (SSCI, category: nursing 16/32, 50 %, IF: 1.073)
37. Lai, H. L., **Peng, T. C.**, & Chang, F. M. (2006). Factors associated with career decision in Taiwanese nursing students: a questionnaire survey. *International Journal of Nursing Studies*, 43(5), 581-588. (SSCI, category: nursing 16/32, 50 %, IF: 1.073).
38. Lin, N. T., Yang, F. L., Lee, R. P., **Peng, T. C.**, & Chen, H. I. (2006). Inducible nitric oxide synthase mediates cytokine release: the time course in conscious and septic rats. *Life Science*, 78(10), 1038-1043. (SCI, category: Medicine, Research & Experiment 28/76, 36.8%, IF: 2.383 ).
39. Hsu, B. G., Yang, F. L., Lee, R. P., **Peng, T. C.**, & Chen, H. I. (2005). Effects of post-treatment with low-dose propofol on inflammatory responses to lipopolysaccharide-induced shock in conscious rats. *Clinical and Experimental*

Pharmacology and Physiology, 32(1), 24-29. (SCI, category: Physiology 54/75, 72%, IF: 1.437).

40. Hsu, B. G., Yang, F. L., Lee, R. P., **Peng, T. C.**, Harn, H. J., & Chen, H. I. (2004). N-acetylcysteine ameliorates lipopolysaccharide-induced organ damage in conscious rats. *Journal of Biomedical Science*, 11(2), 152-162. (SCI, category: Medicine, Research & Experiment 39/71, 54.9%, IF: 1.567).
41. Shu-ping Tsai, Fwu-lin Yang, **Tai-chu Peng**, Yann-fan Chiou, Ru-ping Lee (2004), Introduction of unscheduled readmission to the intensive care unit, *Tzu Chi Nursing Journal*, 3(2), 26-30.
42. Jyu-feng Lee , Nanly Hsu, **Tai-chu Peng**, Chau-fu Chen ,David Wang(2004). The role of nitric oxide involved in the liver injury induced by hyperthermia in rats, *Tzu Chi Nursing Journal*, 3(2) , 68-74.]
43. Fwu-mei Chang,Hui -ling Lai,Hui -chun Chang, **Tai-chu Peng\*** (2003). The prevalence of Osteoporosis evaluated by quantitative ultrasound in Taiwan eastern aboriginal community, *Tzu Chi Nursing Journal*, 2(1),34-41.
44. Nanly Hsu, Ru-ping Lee, Yun-ju Lee, Cha -fen Lai, **Tai-chu Peng\*** (2003). A comparison between objective and subjective nursing competence in post implementing clinical ladder systems, *Tzu Chi Nursing Journal*, 2(1),53-62.
45. **Tai -chu Peng \***,Ming-shinn Lee.,Fwu-mei Chang, Sen-fang Huang (2002). Evaluation of osteoporosis by quantitative ultrasound in community health nursing for screen, *Tzu Chi Nursing Journal*, 1(2), 56-63.
46. Shu-Fen Lo,Li-Chuan Cheng, Tzu-Hui Chanz,**Tai-Chu Peng** (2002). Burn patients' knowledge, health beliefs and compliance behavior toward pressure garment, *Tzu Chi Medical Journal*, 14(3), 163-172.]
47. **Tai-Chu Peng\***, Ming-Shinn Lee (2002). The relationship between premenstrual syndrome and women's Yin body constitution in Chinese medicine. *Tzu Chi Nursing Journal*, 1(1), 66-75.
48. Kao SJ, **Peng TC**, Lee RP, Hsu K, Chen CF, Hung YK, Wang D, Chen HI. (2002). Nitric oxide mediates lung injury induced by ischemia-reperfusion in rats. *J Biomed Sci*. 10:58-64. (SCI).
49. **Tai-Chu Peng\***, Ming-Shinn Lee (2001). Establishment and development scales of the Yin element in women's bodies in Chinese medicine. *The Journal of Health Science*, 3(4),315-329.
50. **Tai-Chu Peng\***,Ming-Shinn Lee (2000).To select appropriate descriptor for Chinese medicine constitution questionnaire, *Journal of Tzu Chi college of Technology*, 9,123-134.
51. **Tai-Chu Peng \***(1994). Trends of cumulative mortality rate and years of potential life lost on accidents in Hua - Lien (1971-1991). *Tzu Chi Medical Journal*, 6(4), 1271-279.