



Chiang Yueh-Tao

Assistant Professor

Education

PhD
Doctor of Graduate Institute of
Clinical Medical Sciences, Chang Gung
University (2014)

MS
Master of Science in Nursing,
Fu Jen Catholic University (2006)

BS
Bachelor of Science in Nursing,
Fu Jen Catholic University (2000)

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Research Interests

healthcare needs, health promoting behaviour,
exercise behaviour, type 1 diabetes, congenital heart
disease, adolescent development, nursing education

teach

Pediatric Nursing, Pediatric Nursing Practice, Human
Development, Human Development Practice,
Seminar, Advanced Women and Children Health
Nursing and Practice, Issues on Quality of Life

Research Experiences

- Development and Evaluation of Online Interactive Podcast Program "Living with Type 1 Diabetes to Grown-Up": A Mixed-Methods Study. (2023/08/01-2024/07/31)
- Study on Development and Evaluation of Mobile APP "Health Care CEO" for Patients with Type 1 Diabetics Aged 16-25: Continued Research Project (1). (MOST 109-2314-B-182-057-MY2) (NMRPD1K1022) (2020/8/1-2022/7/31)
- An Exploratory Study of the Health Care Needs and Related Factors of Type 1 Diabetes During the Transition Phase on Patients Age between 16 and 25. (CMRPD1K0461) (2020/10/1-2020/9/30)
- Study on Development and Evaluation of Mobile APP "Health Care CEO" for Patients with Type 1 Diabetics Aged 16-25: Continued Research

- Study on Development and Evaluation of Mobile APP "Health Care CEO" for Patients with Type 1 Diabetes Aged 16-25. [PI,NMRPD1H0881] (2018/8/1- 2019/7/31)
- Study on Development and Evaluation of Mobile APP "Health Care CEO" for Patients with Type 1 Diabetes Aged 16-25. [PI,NMRPD1H0881] (2018/8/1- present)
- The life experiences and health care needs of type 1 diabetes during the transition phase on patients aged between 16 and 25. [PI,NMRPD1G1381] (2017/8/1-2018/7/31)
- The predictive model of transiently lost to follow-up among patients with congenital heart disease in Taiwan(2012-2017)
- Needs of adolescents and young adults with congenital heart disease regarding transitional care: Delphi method. (2013/8-2014/7)
- Living experiences in adolescent to early adulthood patients with congenital heart disease. (2012/8- 2013/7)
- Self-regulation theory on exercise for adolescents with congenital heart disease. (2011/8-2012/7)
- Exercise experience for adolescents with mild congenital heart disease. (2010/8-2011/7)
- The life cultivation of nursing education touched by care, concern and compassion. (2005/8-2007/7)
- Parents' caring experiences of children with Prader-Willi syndromes in Taiwan. (2004/7-2005/5)

1. Yu, H. Y*, Tseng, I. H., Chin, Y. F., Li, R. H., Shen, Y. C., Lee, L. H., Yang, C. I., Chang, Y. L., **Chiang, Y. T.** * (2025, Feb). Development and initial validation of a role strain scale for male nursing students.. Nurse Educ Today, 147, 106607. (Nursing, IF= 3.6, SSCI 9/193 = 4.4%, Q1.)
2. **Yueh-Tao Chiang**, Hsing-Yi Yu, Pei-Kwei Tsay, Chi-Wen Chen, Chi-Wen Chang, Chien-Lung Hsu, Fu-Sung Lo, Philip Moons (2025, Jan). Effectiveness of User-Centered “Health Care CEO” App for Type 1 Diabetes Patients Transitioning From Adolescence to Early Adulthood: Protocol for a Randomized Control Trial Study. JMIR Research Protocol, Vol 14 (2025). (SCI). MOST 109-2314-B-182-057-MY2.
3. **Yueh-Tao Chiang**,Fu-Sung Lo, (2024, Nov). Developing an Online Interactive Podcast Program “Living with Type 1 Diabetes to Grown- Up” for adolescents transitioning to young adults: A Mixed-Methods. ICN 2025 Congress, Helsinki, Finland.: NMRPD1N0061.
4. Yu, H. Y., **Chiang, Y. T.**, Shen, Y. C. & Lou, J. H. (2024, Oct). Career Planning, Career Self-Efficacy, and Career Success for Newly Graduated Male Nurse.. 9th International Nurse Education Conference, Singapore.
5. Yu, H. Y., **Chiang, Y. T.**, Shen, Y. C. & Lou, J. H. (2024, Oct). The Career Planning of Newly Graduated Male Nurses in Taiwan: A Cross-Sectional Study.. 9th International Nurse Education Conference, Singapore.
6. **Y.TChiang**, F.S. Lo, H.Y. Yu, C.W. Chen. (2024, Sep). Effectiveness of the ‘Healthcare CEO’ App for Type 1 Diabetes Patients Transitioning From Adolescence to Early Adulthood: A Pilot Study with Mixed Methods. ICN NP/ APN Network Conference, Aberdeen, UK. MOST 109-2314-B-182-057-MY2.
7. Liang, J. S.*, Lin, H. Y.*, Chen, Y. J., Lai, F. C., Liu, H. M., Yang, C. Y., **Chiang, Y. T.**, & Chen, C. W. (2023, Dec). Nurses’ perspectives on child-friendly care needs in emergency departments: A qualitative study. International Emergency Nursing. (Accepted). SSCI, IF:1.8,Ranking: Nursing 68/123.
8. **Chiang, Y.-T.**& Lo, F.-S. (2023, July 20-23). Health care needs of Youth with type 1 diabetes : Instrument development and validation. 2023 Sigma's 34th International Nursing Research Congress, Abu Dhabi , United Arab Emirates.
9. **Chiang, Y.-T.**, Chang, C.-W., Yu, H.-Y., Tsay, P.-K., Lo, F.-S., Chen, C.-W., Lin, W.-Y., Hsu, C.-L., An, C., & Moons, P. Developing the “Healthcare CEO App” for patients with type 1 diabetes transitioning from adolescence to young adulthood: A mixed-methods study. Nursing Open, 1-12.

10. Hsing Yi Yu*, Chi Wen Chang ., Meng Ling Yang., Yung Chao Shen ., **Yueh Tao Chiang ***, Ching Hui Chien.(2021). Quality of Life and Measures in Children with Intermittent Exotropia: A Systematic Review and Meta-Analysis. The Journal of Taiwan Association for Medical Informatics,30(2),41-56+58.
11. Hsing-Yi Yu *, Chun-Hsia Huang, Yen-Fan Chin, Yung-Chao Shen, **Yueh-Tao Chiang**, Chi Wen Chang, & Jiunn-Horng Lou * (2021). The mediating effects of nursing professional commitment on the relationship between social support, resilience, and intention to stay among newly graduated male nurses: A cross-sectional questionnaire survey. International Journal of Environmental Research and Public Health, accepted. 2021.07.14 (SSCI)
12. * **Chiang, YT.**, Tsay, PK., Chen, CW., Hsu, CL., Yu, HY., Chang, CW., * Lo,FS., & Moons, P. (2021). A Delphi study on the healthcare needs of patients with type 1 diabetes during the transition from adolescence to adulthood: Consensus among patients, primary caregivers, and healthcare providers. International Journal of Environmental Research and Public Health,18(13),7149. <https://www.mdpi.com/1660-4601/18/13/7149> (Yuehtao Chiang and Fusung Lo contributed equally to this article.) (Public, Environmental & Occupational Health, SSCI, IF= 3.390, Q1, 41/176=23.3%) (MOST107-2314-B-182-069;NMRPD1H0881)
13. Yu, H. Y. *, Huang, C. H., Chin, Y. F., Shen, Y. C., **Chiang, Y. T.**, Chang, C. W., & Lou, J. H. * (2021). The mediating effects of nursing professional commitment on the relationship between social support, resilience, and intention to stay among newly graduated male nurses: A cross-sectional questionnaire survey. International Journal of Environmental Research and Public Health, 18,7546. <https://doi.org/10.3390/ijerph18147546> (Public, Environmental & Occupational Health, SSCI, IF= 3.390, Q1,41/176=23.3%) (MOST 108-2314-B-182 - 059; NMRPD1J1031)
14. * **Chiang, YT.**, Tsay, PK., Chen, CW., Hsu, CL., Yu, HY., Chang, CW., * Lo, FS., & Moons, P. (2021). A Delphi study on the healthcare needs of patients with type 1 diabetes during the transition from adolescence to adulthood: Consensus among patients, primary caregivers, and healthcare providers. International Journal of Environmental Research and Public Health, 18(13), 7149. <https://www.mdpi.com/1660-4601/18/13/7149> (Yuehtao Chiang and Fusung Lo contributed equally to this article.) (Public, Environmental & Occupational Health, SSCI, IF= 3.390, Q1, 41/176=23.3%) (MOST 107-2314-B-182-069; NMRPD1H0881)
15. **Chiang, Y.T.**, Yu, H.Y., Lo, F.S., Chen, C.W., Huang, T.T., Chang, C.W., & Moons, P. (2020). Emergence of a butterfly: The life experiences of type 1 diabetes Taiwanese patients during the 16–25 years old transition period. International Journal of Qualitative Studies on Health and

Well-being, 15(1), 1748362. doi:10.1080/17482631.2020.1748362 (Nursing, SSCI, IF=1.464, 48/118=40.68%, Q2) (MOST 106-2314-B-182-063) (NMRPD1G1381)

16. Chen, Y. J., Wang, J. K., Liu, C. Y., Yang, C. Y., **Chiang, Y. T.**, & Chen, C. W. (2020). Healthcare needs and quality of life in youths with congenital heart disease: Health-promoting behaviors as a mediator. *Journal of Pediatric Nursing*, 50, e113-e118. (Nursing, SSCI, IF=1.495, 50/121=41.32%, Q2) (MOST 106-2314-B-182-063) (MOST-103-2314-B-030-003- MY3)
17. Hsu, H. M., Chu, C. M., Chang, Y. J., Yu, J. C., Chen, C. T., Jian, C. E., Lee, C.Y., **Chiang, Y.T.**, Chang, C.W., & Chang, Y. T. (2019). Six novel immunoglobulin genes as biomarkers for better prognosis in triple-negative breast cancer by gene co-expression network analysis. *Scientific reports*, 9(1), 1-12. (Multidisciplinary Sciences, 10/63 (Q1), SCI, IF=3.998, 17/71=23.94%, Q1)
18. ***Chiang, Y. T.**, Chang, C.W., Zheng, Q. C Chiu, Y.Y., Yu, H. Y., & Lin, S. F. (2018). Mind mapping: A creative development in pediatric nursing practice. *Yuan-Yuan Nursing*, 12(2),50-57. (Chinese).
19. Chang, C.W., **Chiang, Y. T.**, & Yu, H. Y. (2017). Clinical application of therapeutic play in children. *Yuan-Yuan Nursing*,11(1), 44-51. DOI: 10.6530/YYN (Chinese).
20. Chen, C. W., Su, W. J., **Chiang, Y. T.**, Shu, Y. M., & Moons, P. (2017). Healthcare needs of adolescents with congenital heart disease transitioning into adulthood: a Delphi survey of patients, parents, and healthcare providers. *European Journal of Cardiovascular Nursing*, 16(2), 125-135. (Nursing, SCI, IF=2.296, 11/123=8.94%, Q1) 14. Chang, C.W., Yu, H.Y., *Chiang, Y.T., Chen, C.W. & Lo, F.H. (2017). Multiple perspectives of transitional experiences among patients with type 1 diabetes. *Chang Gung Nursing*,28 (2),219-228. (Chinese)
21. ***Chiang Y. T.**, Yu, H.Y., & Chang, C.W. (2016). Impact of type 1 diabetes during the transition phase on patients aged between 16 and 25 and the nursing trends. *Chang Gung Nursing*,27 (3),342-352. (Chinese).
22. ***Chiang, Y.T.**, Chen, C.W., & Chen, Y.C. (2015). Between invisible defects and visible impact: the living experiences of adolescents and young adults with congenital heart disease. *Journal of Advanced Nursing*,71(3),599-608. (Nursing, SCI, IF=2.561, 6/123=4.88%, Q1).
23. Chen, C. W., Su, W. J., Wang, J. K., Yang, H. L., **Chiang, Y. T.**, & Moons, P. (2015). Physical self-concept and its link to cardiopulmonary exercise tolerance among adolescents with mild congenital heart disease. *European Journal of Cardiovascular Nursing*, 14(3), 206-213. (Nursing, SCI, IF=2.296, 11/123=8.94%, Q1)

24. ***Chiang, Y.T.**, Lu, C.W., Su, W.J., Tsay, P.K., Wang, J.C., & Chen, C.W. (2013). Designing a self-regulated program of exercise for adolescents with congenital heart disease. *Fu-Jen Journal of Medicine*, 11(3), 225-236. (Chinese).
25. ***Chiang, Y.T.**, Chen, C.W., Tsay, P.K., Chen, C.M., & Tang, S.T. (2012). Literature review of the prevalence of end-of-life symptoms in children. *VGH Nursing*, 29(4), 374-381. (Chinese)
26. ***Chiang, Y.T.**, Chen, C.W., & Chen, Y.C. (2011). From limitation to mastery: Exercise experience for adolescents with mild congenital heart disease. *Journal of clinical Nursing*, 20, 2266-2276. (Nursing, SCI, IF=1.972, 23/123=18.69%, Q1)
27. Shiau, S.J., **Chiang, Y.T.**, Huang, Y.C., & Chiu, P.R. (2009). To explore the embracing 3C in the master course of nursing theory. *Fu-Jen Journal of Medicine*, 7(1), 9-16. (Chinese)
28. Shiau, S.J., **Chiang, Y.T.**, Huang, Y.C., & Chiu, P.R., Feng, R.F., Heh, S.C., & Chen, C.W. (2006). The life cultivation of nursing education touched by care, concern and compassion. *Journal of Medical Education*, 10(1), 1-7.
29. Shiau, H.N., Xu, J.C., & **Chiang, Y.T.** (2012). *Nursing Ethical and Case Analysis* (2nd ed). New Taipei City: Gao Li. (Chinese) (ISBN: 9864123882)
30. Sole, Klein, & Moseley (2009). *Introduction to Critical Care Nursing* (5th ed). Elsevier: Taiwan. Authorized translation from English language to Chinese about Neurological System. (ISBN: 9789571157610)
31. **Chiang, Y.T.**, & Niu, D.M. (2001). *Understanding Insulin-Dependent Diabetes*. Taipei: Association of Congenital and Inherited Metabolic Disease, Taiwan, Republic of China. Authorized translation from English language to Chinese.