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研究領域

心臟術後照護、胸腔術後照護、加護病房譫妄、模擬情境教學、食道癌術後生活品質、專科護理師

教學

成人護理學、成人護理學實習、身體檢查與評估、身體檢查與評估實驗、急重症護理學、護理專業問題研討

研究計畫

- 心臟術後譫妄盛行率及影響因素 (2005)
- 食道癌生活品質相關因素探討(CMRP, 2008)
- 非預期性心臟術後早期疾病經驗-質性研究(2013)
- 食道癌術後生活品質和症狀困擾探討(2014~2017)
- 運動和護理指導健康資訊畫方案對術後食道癌存活者生活品質和運動能力之成效探討 (計畫主持人，CMRP, 2016~2018)
- 使用模擬情境教學於大學護理學系學生急重症課程之成效(計畫主持人，教育部，2019-2020)
- 模擬情境教學對加護病房護理人員的譫妄自我效能及批判性思考能力之成效-隨機臨床試驗(計畫主持人，科技部，2020~2023)
- 探討症狀處置健康資訊化及抗阻運動策略於食道癌術後病患的生活品質和肌少症之成效-混合性質量研究(計畫主持人，國科會，2024~2027)

1. **Chang, YL.**, Hsieh, MJ., Chang, YC., Ma, CT., Chiang, YT., Yu, HY., Chen, CY., Tsai, YF.* (2025). Efficacy of Simulation-Based Education on ICU Nurses' Knowledge, Self-Efficacy, and Critical Thinking in Delirium Care: A Randomized Controlled Trial. *Australian Critical Care*. 38(6), 101447. <https://doi.org/10.1016/j.aucc.2025.101447> (SCI)
2. Chiu, CH., Yu, MR., Huang, SC., Chou, PL., Tsao, YT., Huang, CT., Lin, HH., Chao, YK., **Chang, YL.*** (2025). The Impact of Chemoradiotherapy on Nutritional Status and Quality of Life in Esophageal Cancer Patients During the COVID-19 Pandemic. *Journal of Chest Surgery*. Published online September 18, 2025. <https://doi.org/10.5090/jcs.25.048> (ESCI) (Corresponding author)
3. Shang ST, Hsieh MJ, Ma CT, Yeh HS, **Chang YL.***(2025). Development of a Brief Delirium Knowledge Questionnaire for Intensive Care Nurses: A Validity and Reliability Study. *Dimensions of Critical Care Nursing*. 2025 Sep-Oct 01;44(5):277-282. doi: 10.1097/DCC.0000000000000714. (ESCI) (Corresponding author)
4. Chiu CH, Chang WY, Yang LY, Chao YK, Chen WH, Liu YH, Tsao YT, **Chang YL**, Huang SC.*(2025). Physical fitness predicts post-esophagectomy complications after chemoradiotherapy: a pilot study. *BMC Sports Science, Medicine and Rehabilitation*. Apr 30;17(1):106. doi: 10.1186/s13102-025-01158-7 (IF:2.8, SCI 24/173: REHABILITATION)
5. Yu, HY*., Tseng, IH., Chin, YF., Li, RH., Shen, YC., Lee, LH., Yang, CI., **Chang, YL.**, Chiang, Y. T. *(2025). Development and initial validation of a role strain scale for male nursing students. *Nurse Education Today*, 147, 106607. Advance online publication. <https://doi.org/10.1016/j.nedt.2025.106607> (IF: 3.6, SSCI 9/193:NURSING)
6. Li SZ, Chen SY, **Chang YL**, Fang CK, Fujimori M, Tang WR.* (2024). Predicaments and coping strategies in implementing cancer truth-telling: a qualitative content analysis. *Support Care Cancer*, 32(9):602. doi: 10.1007/s00520-024-08815-6. (IF:2.8, R/C: 157/322: ONCOLOGY)
7. Lee SH, Li CC, **Chang YL**, Wang YW, Chen CY, Tsai YF.* (2024). Development and validation of a geriatric depression knowledge scale for older adults with depression. *Geriatric Nursing*, 58:39-43. doi: 10.1016/j.gerinurse.2024.05.006. (IF:2.5, R/C: 33/193: NURSING)
8. **Chang YL**, Hsieh MJ, Pan CI, Shang ST, Tsai YF.* (2024). Development and validation of a delirium care critical-thinking scale for intensive care unit nurses: A mixed-method study. *Journal of Clinical Nursing*, 33(4):1387-1397. doi: 10.1111/jocn.16997. (IF:3.2, R/C:14/193: NURSING)
9. Shang ST, **Chang YL**, Ho WJ, Liu CY, Chien CH.* (2023). Quality of Life in Patients with pulmonary hypertension. *Clinical Nursing Research*, 32(3) 539–548. doi: 10.1177/10547738221096558. (IF:1.7, R/C:80/193: NURSING)
10. **Chang YL**, Hsieh MJ, Chang YC, Yeh SL, Chen SW, Tsai YF.* (2023). Self-efficacy of caring for patients in the intensive care unit (ICU) with delirium: Development and validation of a scale for ICU nurses. *Australian Critical Care*, 36(4):449-454. doi: 10.1016/j.aucc.2022.08.006. (IF:3.3, R/C:14/123: NURSING)
11. Lin HH, Chen KH, Chiu, CH, Shang, ST, **Chang YL*** (2022). Factors related to quality of life after video-assisted thoracoscopic surgery in patients with stage I adenocarcinoma lung

cancer: A longitudinal study. *European Journal of Oncology Nursing*. 61:102225. doi: 10.1016/j.ejon.2022.102225. (IF:2.8, R/C:20/123, NURSING) (Corresponding Author)

12. **Chang YL**, Hsieh MJ, Feng TH, Shang ST, Tsai YF.* (2022). Effectiveness of multiple scenario simulations of acute and critical care for undergraduate nursing students: A quasi-experimental design. *Nurse Education Today*. 118:105526. doi: 10.1016/j.nedt.2022.105526 (IF:3.9, R/C:10/123: NURSING)
13. Lin WJ, **Chang YL**, Weng LC, Tsai FC, Huang HC, Yeh SL, Chen KH.* (2022). Post-Discharge Depression Status for Survivors of Extracorporeal Membrane Oxygenation (ECMO): Comparison of Venovenous ECMO and Venovenous Arterial ECMO. *International Journal of Environmental Research and Public Health*. Mar 11;19(6):3333. doi: 10.3390/ijerph19063333. (IF:4.64, R/C: 100/279, ENVIRONMENTAL SCIENCES)
14. 簡婷葦 · 蔡峰鈞 · 黃惠群 · **張瑀玲** · 翁麗雀 · 林琬容 · 林書湘 · 陳綱華(2022) · 探討接受 VA-ECLS 輔助治療患者出院後身體健康狀態之影響因素 · 長庚護理 · 33(2) · 1-13 。
〔 Ting-Wei Chien, Feng-Chun Tsai, Huei-Chiun, Huang, Yu-Ling Chang, Li-Chueh Weng, Wan-Jung Lin, Shu-Siang Lin, Kang-Hua Chen.(2022). Related Factors of Physical Health after Discharge in Patients who Underwent Venovenous Arterial Extracorporeal Life Support 〕 Doi: 10.6386/CGN.202206_33(2).0001
15. **張瑀玲** · 台灣專科護理師醫院培訓現況(2021) · 台灣專科護理師學刊, 8(2) · 21-26. 〔 Yu-Ling Chang. 2021. The Current Status of Hospital-Based Training Program on Nurse Practitioners in Taiwan. *Journal of Taiwan Nurse Practitioners*, 8(2), 21-26 〕
16. 林欣欣 · **張瑀玲*** · 顏慕忻 · 陳美汝(2021) · 改良式批式空腸灌食法在食道癌切除術後早期之成效 · 長庚護理 · 32(2) · 14-27 。 〔 Hsin-Hsin Lin, Yu-Ling Chang*, Mu-Hsin Yen & Mei-Ju Chen (2021). Effectiveness of Modified Bolus Jejunostomy Feeding in Early Esophagectomy with Esophageal Cancer Patients. *Chang Gung Nursing*, 32(2), 14-27. doi: 10.6386/CGN.202106_32(2).0002 〕 (Correspondence)
17. **Chang, YL**, Tsai, Y. F., Hsu, C. L., Chao, Y. K., Hsu, C. C., & Lin, K. C. (2020). The effectiveness of a nurse-led exercise and health education informatics program on exercise capacity and quality of life among cancer survivors after esophagectomy: A randomized controlled trial. *International Journal of Nursing Studies*. 101,103418. doi: 10.1016/j.ijnurstu.2019.103418 (SCI). (IF:5.83, R/C:1/123, NURSING)
18. Chao, Y. K., Li, Z. G, Wen, Y. W., Kim, D. J., Park, S. Y., **Chang, YL.**, van der Sluis, P. C., Ruurda, J. P., van Hillegersberg, R. (2020). Robotic-assisted Esophagectomy vs Video-Assisted Thoracoscopic Esophagectomy (REVATE): study protocol for a randomized controlled trial. *Trials*, 20(1):346. doi: 10.1186/s13063-019-3441-1.(IF:1.97)
19. 呂欣穎 · 黃馨卉 · **張瑀玲*** (2019) · 提升心臟外科加護病房護理人員譫妄評估執行率 · 長庚護理 · 30(4) · 474-484 。 〔 Hsin-Ying, LU, Hsin-Hui, Huang, Yu-Ling, Chang* (2019). Improving the implementation rate for delirium assessment among nurses in cardiovascular

surgical intensive care unit. *Chang Gung Nursing*, 30(4), 474-484.

10.6386/CGN.201912_30(4).0005 } (Correspondence)

20. **Chang, YL**, Tsai YF.* (2017). Early illness experiences related to unexpected heart surgery: A qualitative descriptive study. *Australian Critical Care*, 30(5), 279-285.
doi:10.1016/j.aucc.2016.11.005.(SCI). (IF:1.90, R/C=13/120, NURSING)

21. 林宸瑀·張瑀玲·吳心煦·林月娥* (2017) ·一位因牙周病治療引發感染性心內膜炎術後患者之護理經驗·長庚護理 · 28(4) · 709-719 。 [Chen-Yu Lin, Yu-Ling Chang, Hsin-Hsu Wu, & Yueh-E Lin, 2017. The Nursing Experience of a Patient with Infective Endocarditis Related to Receive Periodontal Treatments. *Chang Gung Nursing*, 28(4), 709-719.
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22. **Chang, YL**, Tsai, YF,* Chao, YK, Wu, MY. (2016). Quality-of-life measures as predictors of post-esophagectomy survival of patients with esophageal cancer. *Quality of Life Research*, 25, 465-475.(SCI). doi:10.1007/s11136-015-1094-4. (I F=2.48 ; R/C=24/88, HEALTH CARE SCIENCES & SERVICES)

23. **Chang, YL**, Tsai, YF,* Wu, YC, Hsieh, MJ. (2014). Factors relating to Quality of life after esophagectomy for cancer patient in Taiwan. *Cancer Nursing*, 37(1), 4-13. (SCI). doi: 10.1097/NCC.0b013e318277dc53. (IF=1.96 ; R/C=7/111, NURSING)

24. **Chang, YL**, Tsai, Y-F,* Lin, P-J, Chen, M-C, Liu, C-Y. (2008). Prevalence and Risk Factors for Delirium of cardiovascular surgery. *American Journal of Critical Care*, 17(6), 567-575.(SCI). (I F=2.04 ; R/C=4/62, NURSING)

25. 張瑀玲*·林欣欣 (2008) ·從美國急症執業護理師看台灣專科護理師之發展·長庚護理 · 19(24) · 211-217 。 [Yu-Ling Chang & Hsin-Hsin Lin(2008). The Future Development of Nurse Practitioner in Taiwan-What Can We Learn from the Experience of Acute Care Nurse Practitioner in U.S.A. *Chang Gung Nursing*, 19(24), 211-217.
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