

創新研究

追求卓越與創新，發展前瞻性的研究

1、研究成果

2022 年度家庭醫學部之研究成果: 英文期刊 27 篇 SCI 文章。

英文期刊

1. Hiratsuka Y, Yoon SJ, Suh SY, Choi SE, Hui D, Kim SH, Lee ES, Hwang SW, Cheng SY, Chen PJ, Mori M, Yamaguchi T, Morita T, Tsuneto S, Inoue A. Comparison of the accuracy of clinicians' prediction of survival and Palliative Prognostic Score: an East Asian cross-cultural study. *Support Care Cancer*. 2022 Mar;30(3):2367-2374. doi: 10.1007/s00520-021-06673-0. Epub 2021 Nov 6. PMID: 34743238.
2. Wu CY, Chen PJ, Cheng SY, Suh SY, Huang HL, Lin WY, Hiratsuka Y, Kim SH, Yamaguchi T, Morita T, Tsuneto S, Mori M; EASED Investigators. Association between the amount of artificial hydration and quality of dying among terminally ill patients with cancer: The East Asian Collaborative Cross-Cultural Study to Elucidate the Dying Process. *Cancer*. 2022 Apr 15;128(8):1699-1708. doi: 10.1002/cncr.34108. Epub 2022 Feb 1. PMID: 35103989.
3. Chuang PN, Yang CJ, Huang HL, Jerry Chang CJ, Lee YC, Cheng SY, Chiu TY, Tsai JS, Peng JK. Pretravel preparation and factors associated with willingness to seek pretravel consultation among Taiwanese travelers. *Travel Med Infect Dis*. 2022 Sep-Oct;49:102397. doi: 10.1016/j.tmaid.2022.102397. Epub 2022 Jul 2. PMID: 35792255.
4. Ikari T, Hiratsuka Y, Cheng SY, Miyashita M, Morita T, Mori M, Uneno Y, Amano K, Uehara Y, Yamaguchi T, Maeda I, Inoue A. Factors associated with good death of patients with advanced cancer: a prospective study in Japan. *Support Care Cancer*. 2022 Nov;30(11):9577-9586. doi: 10.1007/s00520-022-07363-1. Epub 2022 Sep 20. PMID: 36125610.
5. Tsai WC, Tsai YC, Kuo KC, Cheng SY, Tsai JS, Chiu TY, Huang HL. Natural language processing and network analysis in patients withdrawing from life-sustaining treatments: a retrospective cohort study. *BMC Palliat Care*. 2022 Dec 22;21(1):225. doi: 10.1186/s12904-022-01119-8. PMID: 36550430; PMCID: PMC9773475.
6. Niu J, Chen DR, Lo C, Cheng SY, Huang CS. Perceived Causes of Cancer and Corresponding Behavioral Changes: A Qualitative Study on Breast Cancer Survivors in Taiwan. *Cancer Control*. 2022 Jan-Dec;29:10732748221132522. doi: 10.1177/10732748221132522. PMID: 36192670; PMCID: PMC9536093.
7. Chen CY, Huang WS, Ho MH, Chang CH, Lee LT, Chen HS, Kang YD, Chie WC, Jan

- CF, Wang WD, Tsai JS. The potential prolonged effect at one-year follow-up after 18-month randomized controlled trial of a 90 g/day low-carbohydrate diet in patients with type 2 diabetes. *Nutr Diabetes*. 2022 Apr 9;12(1):17. doi: 10.1038/s41387-022-00193-4. PMID: 35397622; PMCID: PMC8994754.
8. Tsai JS, Wang SY, Chang CH, Chen CY, Wen CJ, Chen GY, Kuo CH, Tseng YJ, Chen CY. Identification of traumatic acid as a potential plasma biomarker for sarcopenia using a metabolomics-based approach. *J Cachexia Sarcopenia Muscle*. 2022 Feb;13(1):276-286. doi: 10.1002/jcsm.12895. Epub 2021 Dec 22. PMID: 34939349; PMCID: PMC8818620.
 9. Wen CJ, Chiang CF, Lee CS, Lin YH, Tsai JS. Double Nutri (Liposomal Encapsulation) Enhances Bioavailability of Vitamin C and Extends Its Half-Life in Plasma. *J Biomed Nanotechnol*. 2022 Mar 1;18(3):922-927. doi: 10.1166/jbn.2022.3274. PMID: 35715901.
 10. Lai TC, Chen YC, Cheng HH, Lee TL, Tsai JS, Lee IT, Peng KT, Lee CW, Hsu LF, Chen YL. Combined exposure to fine particulate matter and high glucose aggravates endothelial damage by increasing inflammation and mitophagy: the involvement of vitamin D. *Part Fibre Toxicol*. 2022 Mar 29;19(1):25. doi: 10.1186/s12989-022-00462-1. PMID: 35351169; PMCID: PMC8966234.
 11. Lee CS, Chang CH, Chen CY, Shih CY, Peng JK, Huang HL, Chen PY, Huang TL, Chen CY, Tsai JS. Upregulation of cluster of differentiation 36 mRNA expression in peripheral blood mononuclear cells correlates with frailty severity in older adults. *J Cachexia Sarcopenia Muscle*. 2022 Jun;13(3):1948-1955. doi: 10.1002/jcsm.13003. Epub 2022 Apr 17. PMID: 35434940; PMCID: PMC9178156.
 12. Tang CC, Hsi C, Wei-Wen W, Tsai IN, Jaw-Shiun T. Communication in Oncology Outpatient Clinic Settings: Congruence of Quality of Life Assessment between Patient-Physician and Patient-Caregiver Dyads. *J Oncol*. 2022 Aug 25;2022:5463896. doi: 10.1155/2022/5463896. PMID: 36059805; PMCID: PMC9436590.
 13. Tang CC, Chen H, Wu WW, Tsai IN, Tsai JS. Conceptualize Health Communication Impacts on Patient Outcomes in Oncology Outpatient Settings: A Mixed-Methods Study. *Semin Oncol Nurs*. 2022 Nov 12:151355. doi: 10.1016/j.soncn.2022.151355. Epub ahead of print. PMID: 36379817.
 14. Yang WS, Yen P, Wang YC, Chien YC, Chie WC, Ma MH, Chiang WC. Objective performance of emergency medical technicians in the use of mechanical cardiopulmonary resuscitation compared with subjective self-evaluation: a cross-sectional, simulation-based study. *BMJ Open*. 2022 Jun 29;12(6):e062908. doi:

- 10.1136/bmjopen-2022-062908. PMID: 35768109; PMCID: PMC9244722.
15. Kuo CW, Chen CY, Wu CH, Chen CW, Guo FR, Yang SC. Multiple in-hospital counseling increases six-month smoking abstinence among individuals participating in a hospital-initiated smoking cessation program. *Addict Sci Clin Pract.* 2022 May 21;17(1):29. doi: 10.1186/s13722-022-00310-9. PMID: 35597973; PMCID: PMC9123762.
 16. Wang CY, Huang KC, Lu CW, Chu CH, Huang CN, Chen HS, Lee IT, Chen JF, Chen CC, Chen CS, Hsieh CH, Tien KJ, Chien HY, Huang YY, Hsu JP, Shane GT, Chang AC, Wu YC, Sheu WH. A Randomized Controlled Trial of R-Form Verapamil Added to Ongoing Metformin Therapy in Patients with Type 2 Diabetes. *J Clin Endocrinol Metab.* 2022 Sep 28;107(10):e4063-e4071. doi: 10.1210/clinem/dgac436. PMID: 35917580; PMCID: PMC9516171.
 17. Tung HT, Chen KM, Huang KC, Hsu HF, Chou CP, Kuo CF. Effects of Vitality Acupunch exercise on functional fitness and activities of daily living among probable sarcopenic older adults in residential facilities. *J Nurs Scholarsh.* 2022 Mar;54(2):176-183. doi: 10.1111/jnu.12723. Epub 2021 Nov 8. PMID: 34751506.
 18. Lien AS, Chiu SY, Chen SL, Fann JC, Yen AM, Yeh MC, Lou MF, Huang KC, Sheu WH, Chen HH, Gau BS. Community-based multiple screening for metabolic syndrome by innovative theory: A longitudinal study. *Public Health Nurs.* 2022 Jan;39(1):303-312. doi: 10.1111/phn.13033. Epub 2022 Jan 4. PMID: 34984742.
 19. Chen PY, Chuang PN, Chiang CH, Chang HH, Lu CW, Huang KC. Impact of Coronavirus Infectious Disease (COVID-19) pandemic on willingness of immunization-A community-based questionnaire study. *PLoS One.* 2022 Jan 14;17(1):e0262660. doi: 10.1371/journal.pone.0262660. PMID: 35030220; PMCID: PMC8759632.
 20. Chiang CH, Cheng CY, Lien YT, Huang KC, Lin WW. P2X7 Activation Enhances Lipid Accumulation During Adipocytes Differentiation Through Suppressing the Expression of Sirtuin-3, Sirtuin-5, and Browning Genes. *Front Pharmacol.* 2022 Apr 6;13:852858. doi: 10.3389/fphar.2022.852858. PMID: 35462937; PMCID: PMC9019299.
 21. Chou TJ, Lu CW, Liao CC, Chiang CH, Huang CC, Huang KC. Ovariectomy Interferes with Proteomes of Brown Adipose Tissue in Rats. *Int J Med Sci.* 2022 Mar 6;19(3):499-510. doi: 10.7150/ijms.66996. PMID: 35370469; PMCID: PMC8964325.
 22. Sheng WH, Chang SY, Lin PH, Hsieh MJ, Chang HH, Cheng CY, Yang HC, Pan CF, leong SM, Chao TL, Chen JP, Cheng SH, Chang SC. Immune response and safety

- of heterologous ChAdOx1-nCoV-19/mRNA-1273 vaccination compared with homologous ChAdOx1-nCoV-19 or homologous mRNA-1273 vaccination. J Formos Med Assoc. 2022 Apr;121(4):766-777. doi: 10.1016/j.jfma.2022.02.020. Epub 2022 Mar 16. PMID: 35305895; PMCID: PMC8926322.
23. Chen PY, Huang CH, Peng JK, Yeh SY, Hung SH. Prediction Accuracy Between Terminally Ill Patients' Survival Length and the Estimations Made From Different Medical Staff, a Prospective Cohort Study. Am J Hosp Palliat Care. 2022 Jun 14;10499091221108507. doi: 10.1177/10499091221108507. Epub ahead of print. PMID: 35701084.
 24. Hsu NC, Tseng CL, Yang CW, Hsu CH. Man With Dyspnea. Ann Emerg Med. 2022 May;79(5):e105-e106. doi: 10.1016/j.annemergmed.2021.11.027. PMID: 35461589.
 25. Tseng CL, Hsu NC, Hsieh PI, Lin YF, Chen CY, Wu CY, Sheng WH. Integrated approach for multimorbid patients in a hospitalist setting: Survival analysis of a two-year prospective study. J Formos Med Assoc. 2022 Feb;121(2):473-481. doi: 10.1016/j.jfma.2021.05.029. Epub 2021 Jun 17. PMID: 34148716.
 26. Chou YC, Tsou HH, Chan DC, Wen CJ, Lu FP, Lin KP, Wu MC, Chen YM, Chen JH. Validation of Clinical Frailty Scale in Chinese Translation. BMC Geriatr. 2022 Jul 20;22(1):604. doi: 10.1186/s12877-022-03287-x. PMID: 35858829 PMCID: PMC9298166.
 27. Chang CJ, Yang HY. RE: epidemiology of chronic kidney disease of undetermined aetiology in Taiwanese farmers. Occup Environ Med. 2022 Feb;79(2):144. doi: 10.1136/oemed-2021-108012. Epub 2021 Dec 22. PMID: 34937740.

非 SCI 類文章

中文期刊

1. 吳岱穎, 林怡敏, 季瑋珠, 劉仁沛, 蔡景耀, 蕭勝煌。社區老人的健康狀態透過社會資本來影響生活品質。台灣老年醫學暨老年學會雜誌, 17(3): 2213-238
2. 郭斐然。吸菸與新型冠狀病毒肺炎。台灣家庭醫學雜誌, 32(1): 1-7
3. 黃獻樑, 程勁儀。以勝任能力為導向的腎臟病安寧緩和與教育。腎臟與透析, 34(1): 44-47
4. 陳怡安, 蔡甫昌。臨床試驗受試者招募原則之修正建議。台灣醫學, 26(5): 600-606
5. 莊佩倪, 吳宗琳, 彭仁奎(通訊作者), 賴俊夫。將預立醫療照護計畫融入末期腎臟病的整體性照護。腎臟與透析, 34(1): 7-12
6. 楊佳容, 陳沛芸, 陳晶瑩。老年性貧血。台灣老年醫學暨老年學會雜誌, 17(1): 60-71
7. 邱宣銘, 周孜容, 王莉芳, 江建勰(通訊作者)。異位性皮膚炎診治新進展。家庭醫學與基層醫療, 37(7): 220-225
8. 郭亭亞, 蔡甫昌。獎勵與強制疫苗接種之倫理考量。台灣醫學, 26(5): 573-581
9. 薛復宸, 詹其峰。高三酸甘油酯血症的診斷與治療指引新進展。台灣家庭醫學雜誌, 32(3): 161-172

1、學會論文發表及得獎優良事蹟

2022 年家庭醫學部也在各醫學會上發表多篇論文，其中更獲得優秀論文獎的殊榮，如下所列。

(1) 口頭論文發表

臺灣家庭醫學醫學會 111 年學術研討會

1. 程劭儀。臺灣乳癌篩檢陽性轉介率分析 - 醫院及乳攝車之探討（口頭報告評選第一名）

IASLC 2022 Asia Conference on Lung cancer

1. 施至遠。Home-based palliative care : The Policy and Clinical Experience in Taiwan

2022 年第 32 屆國際女醫師協會世界大會

1. 陳怡伶。Physiological Measurement and Music Healthcare- The Implementation and Evaluation of An Interdisciplinary Curriculum

(二)海報論文發表

臺灣家庭醫學醫學會 111 年學術研討會

1. Lee SH, Chiu KN, Cheng SY, Chiang CH (通訊作者) Adding a Non-Painful End to Increase Willingness to Receive Further Pap Tests Regularly: a Randomized Controlled Trial. (海報評選第一名)
2. 黃麗玲、黃正銘、王瀚陽、林清麗、賴志冠、郭斐然：台灣家長對新型菸品之了解與態度以及其禁令支持。

台灣安寧緩和醫學學會 111 年度學術研討會

- 1、莊佩倪，鄭宜，闕淑能，彭仁奎（通訊作者），賴俊夫，蔡宏斌，姜至剛，蔡兆勳（2022 年 10 月）Treatment Preferences to Serious Illness in Patients Receiving Peritoneal Dialysis.
3. 陳怡穎，彭仁奎（通訊作者），程劭儀（2022 年 10 月）Why are Emergency Departments Jammed with Patients with DNR? An Analysis of DNR Orders and Purpose of Emergency Department Visits in Terminally Ill Patients.
4. 邱宜銘，彭仁奎（通訊作者），姚建安，蔡兆勳，程劭儀（2022 年 10 月）以重點式掃描超音波作為緩和醫療住院病人的常規篩檢：先導研究

2、科技部計畫

2022 年家庭醫學部也持續精進，獲得許多科技部、國健署、疾管署及醫事司計畫，如下所列。

國科會計畫

1. 程紹儀。一項隨機分配研究以了解預立醫療照護諮商影帶加上手冊，是否較預立醫療照護諮商衛教手冊，更能協助癌症病人完成預立醫療決定，並探討病人完成預立醫療決定的阻礙因素
2. 蔡兆勳。探討肌少症的生物標記及其相關機轉
3. 詹其峰。單獨 B 型肝炎核心抗體陽性個案施打 B 型肝炎疫苗再接種之免疫反應