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研究方向及研究室特色：

1. 癌症患者之存活研究 (cancer survivorship)
2. 雙發性腫瘤之風險研究 (risk of second primary malignancy)

代表論文 (SCI)：

1. Min-Chi Chen, Feng-Che Kuan, Shiang-Fu Huang, Chang-Hsien Lu, Ping-Tsung Chen, Cih-En Huang, Ting-Yao Wan, Chih-Cheng Chen and Kuan-Der Lee (2019): Accelerated risk of premature ischemic stroke in 5-year survivors of nasopharyngeal carcinoma. *The Oncologist* 24:1-7
2. Min-Chi Chen, Kuan-Der Lee, Chang-Hsien Lu, Ting-Yao Wang, Shih-Hao Huang, Chao-Yu Chen (2018): The bidirectional association among female hormone-related cancers: breast, ovary, and uterine corpus. *Cancer Medicine* 2018 Jun; 7(6):2299-2306
3. Kuan-Der Lee, Ting-Yao Wang, Chang-Hsien Lu, Cih-En Huang and Min-Chi Chen* (2017): The bidirectional association between oral cancer and esophageal cancer: A population-based study in Taiwan over a 28-year period. *Oncotarget* May 11, DOI:10.18632/oncotarget.17818
4. Kuan-Der Lee, Chao-Yu Chen, Huei-Jean Huang, Ting-Yao Wang, David Teng, Shih-Hao Huang, Chyong-Huey Lai* and Min-Chi Chen* (2015): Increased risk of second primary malignancies following uterine cancer: a population-based study in Taiwan over a 30 year period. *BMC Cancer* 2015, 15:393
5. Chang-Hsien Lu, Kuan-Der Lee, Ping-Tseng Chen, Chih-Cheng Chen, Feng-Che Kuan, Cih-En Huang, Miao-Fen Chen and Min-Chi Chen* (2013). Second primary malignancies following thyroid cancer: a population-based study in Taiwan. *European Journal of Endocrinology*, 169, 577-585

6. Chao-Yu Chen, Chyong-Huey Lai, Kuan-Der Lee, Shih-Hao Huang, Yen-Mei Dai and Min-Chi Chen*(2012). Risk of second primary malignancies in women with cervical cancer: a population-based study in Taiwan over a 30-year period. *Gynecologic Oncology* 127:625-630
7. Min-Chi Chen, Ping-Tsung Chen, Chunghuang Hubert Chan, , Cheng-Ta Yang, Chih-Cheng Chen, Cih-En Huang, Chang-Hsien Lu and Kuan-Der Lee* (2011): Second primary esophageal or lung cancer in patients with head and neck carcinoma in Taiwan: incidence and risk in relation to primary index tumor site. *Journal of Cancer Research and Clinical Oncology* 137(1): 115-123 (Jan) (2.261, 89/166)
8. Ping-Tsung Chen, Feng-Che Kuan, Cih-En Huang, Miao-Fen Chen, Shih-How Huang, Min-Chi Chen* and Kuan-Der Lee* (2011): Incidence and Patterns of Second Primary Malignancies Following Oral Cavity Cancers in a Prevalent Area of Betel-nut Chewing: a Population-based Cohort of 26,166 Patients in Taiwan. *Japanese Journal of Clinical Oncology* 41(12):1336-1343
9. Min-Chi Chen, Wei-Chao Huang, Chunghuang Hubert Chan, Ping-Tsung Chen and Kuan-Der Lee* (2010): Impact of second primary esophageal or lung cancer on survival of patients with head and neck cancer. *Oral Oncology* 46:249-254 (SCI)
10. Kuan-Der Lee, Chang-Hsien Lu, Ping-Tsung Chen, Chunghuang Hubert Chan, Jen-Tsun Lin, Cih-En Huang, Chih-Cheng Chen and Min-Chi Chen* (2009): The incidence and risk of developing a second primary esophageal cancer in patients with oral and pharyngeal carcinoma: a population-based study in Taiwan over a 25 year period. *BMC Cancer* 9:373
11. Min-Chi Chen, Wei-Chao Huang, Chunghuang Hubert Chan, Ping-Tsung Chen and Kuan-Der Lee* (2010). Impact of second primary esophageal or lung cancer on survival of patients with head and neck cancer. *Oral Oncology* 46:249-254
12. Kuan-Der Lee, Shin-Cheh Chen, Chang-Hsien Lu, Miao-Fen Chen, Shih-Hao Huang, Chun-Ming Yeh and Min-Chi Chen* (2008). Increased risk of second primary malignancies in women with breast cancer diagnosed at young age: a population-based study in Taiwan. *Cancer Epidemiology, Biomarkers & Prevention* 17(10): 2647-2655
13. Min-Chi Chen, I.-J. Feng, C.-H. Lu, C.-C. Chen, J.-T. Lin, S.-H. Huang and K.-D. Lee (2008). The incidence and risk of second primary cancers in patients with nasopharyngeal carcinoma: a population-based study in Taiwan over a 25 year period (1979-2003). *Annals of Oncology* 19(6):1180-1186

近五年發表論文(SCI)

1. Duong D Tran, Min-Chi Chen, Ellen Wen-Ching Ko, Yu-Ray Chen, Chiung Shing Huang (2019): Does sleep quality affect temporomandibular joint with degenerative joint changes? *Journal of Oral and Maxillofacial Surgery* doi:

10.1016/j.joms.2019.02.031

2. Min-Chi Chen, Feng-Che Kuan, Shiang-Fu Huang, Chang-Hsien Lu, Ping-Tsung Chen, Cih-En Huang, Ting-Yao Wan, Chih-Cheng Chen and Kuan-Der Lee (2019): Accelerated risk of premature ischemic stroke in 5-year survivors of nasopharyngeal carcinoma. *The Oncologist* 24:1-7
3. Min-Chi Chen, Kuan-Der Lee, Chang-Hsien Lu, Ting-Yao Wang, Shih-Hao Huang, Chao-Yu Chen (2018): The bidirectional association among female hormone-related cancers: breast, ovary, and uterine corpus. *Cancer Medicine* 2018 Jun; 7(6):2299-2306
4. Sheung-Fat Ko, Hon-Kan Yip, Chen-Chang Lee, Chia-Chang Lee, Chia-Hao Su, Chung-Cheng Huang, Shu-Hang Ng, Li-Ling Chen and Min-Chi Chen, (2018): Apparent diffusion coefficient is a useful biomarker for monitoring adipose-derived mesenchymal stem cell therapy of renal ischemic-reperfusion injury. *Molecular Imaging and Biology* 20:750-760.
5. TY Wang, CY Chen, CH Lu, MC Chen, LW Lee, TH Huang, MC Hsieh, CJ Chen, CM Yu, HC Chuang, TT Liao, CW Tseng, WS Huang (2018): Cytoreductive surgery with hyperthermic intraperitoneal chemotherapy for peritoneal malignancy: preliminary results of a multi-disciplinary teamwork model in Asia. *Int. J. Hyperthermia* 34(3):328-335
6. Yun-Chia Ku M, Lo LJ, Chen MC, Wen-Ching Ko E (2018). Predicting need for orthognathic surgery in early permanent dentition patients with unilateral cleft lip and palate using receiver operating characteristic analysis. *Am. J. Orthod Dentofacial Orthop* 153 (3):405-414
7. Chung-Guei Huang, Li-Ang Lee, Yi-Cheng Wu, Mei-Jen Hsiao, Jim-Tong Horng, Rei-Lin Kuo, Chih-Heng Huang, Ya-Chu Lin, Kuo-Chien Tsao, Min-Chi Chen, Tse-Ching Chen and Shin-Ru Shih (2018). A pilot study on primary cultures of human respiratory tract epithelial cells to predict patients' responses to H7N9 infection. *Oncotarget* Feb 20, DOI:10.18632/oncotarget.24537
8. Kuan-Der Lee, Ting-Yao Wang, Chang-Hsien Lu, Cih-En Huang and Min-Chi Chen* (2017). The bidirectional association between oral cancer and esophageal cancer. A population-based study in Taiwan over a 28-year period. *Oncotarget* May 11, DOI:10.18632/oncotarget.17818
9. Chen-Chang Lee, Po-Chou Chen, Hong-Hwa Chen, Chung-Cheng Huang, Li-Han Lin, Shu-Hang Ng, Min-Chi Chen and Sheung-Fat Ko (2017). Effectiveness of a Tailored Anterior Saturation Band in the Improvement of the Image Quality of Pelvic Magnetic Resonance for Assessing Rectal Cancer. *Clinical Colorectal Cancer* 16(3) :187-194
10. L.-H. Chen, J. Liang, Min-Chi Chen, C.-C. Wu, H.-S. Cheng, H.-H. Wang, and Y.-

- I. L. Shyu* (2017). The relationship between preoperative American Society of Anesthesiologists Physical Status Classification scores and functional recovery following hip-fracture surgery. *BMC Musculoskeletal Disorders*,18(1), 410. doi: 10.1186/s12891-017-1768-x
11. Lee EP, Hsia SH, Hsiao HF, Chen MC, Lin JJ, Chan OW, Lin CY, Yang MC, Liao SL, Lai SH (2017). Evaluation of diaphragmatic function in mechanically ventilated children: An ultrasound study. *PLoS One* 12(8):e0183560
12. Wang TY, Chen CY, Lu CH, Chen MC, Lee LW, Huang TH, Hsieh MC, Chen CJ, Yu CM, Chuang HC, Liao TT, Tseng CW, Huang WS (2017). Cytoreductive surgery with hyperthermic intraperitoneal chemotherapy for peritoneal malignancy: preliminary results of a multi-disciplinary teamwork model in Asia. *Int. J. Hyperthermia* 23:1-8.
13. Lin YT, Chien KY, Wu CC, Chang WY, Chu LJ, Chen MC, Yeh CT, Yu JS (2017). Super-SILAC mix coupled with SIM/AIMS assays for targeted verification of phosphopeptides discovered in a larger-scale phosphoproteome analysis of hepatocellular carcinoma. *J Proteomics* Mar 157:40-51
14. WY Kuo, YL Shyu, JS Wang, Min-Chi Chen, CC WU, YF Huang (2016). The impact of sleep duration on recovery post-hip fracture among older diabetic adults in Taiwan. *Geriatr Nurs.* 37(2): 137-144
15. Lin TK, Chen SM, Huang YC, Chen PY, Chen MC, Tsai HC, Lee TH, Chen KT, Lee MH, Yang JT, Huang KL (2016). The outcome predictors of malignant large infarction and the functional outcome of survivors following decompressive craniectomy. *World Neurosurg.* Sept. 93:133-138
16. Kuan-Der Lee, Chao-Yu Chen, Huei-Jean Huang, Ting-Yao Wang, David Teng, Shih-Hao Huang, Chyong-Huey Lai* and Min-Chi Chen* (2015). Increased risk of second primary malignancies following uterine cancer: a population-based study in Taiwan over a 30 year period. *BMC Cancer* 2015, 15:393
17. Hsiang-Ping Huang, Fur-Hsing Wen, Jen-Chen Tsai, Yung-Chang Lin, Shioh-Ching Shun, Hsien-Kun Chang, Jong-Shyan Wang, Sui-Whi Jane, Min-Chi Chen, Mei-Ling Chen (2015). Adherence to prescribed exercise time and intensity declines as the exercise program proceeds: findings from women under treatment for breast cancer. *Support Care Cancer*, 23(7), 2061-71.
18. Meng-Hsiu Yen, Yhu-Chering Huang, Min-Chi Chen, Ching-Chuan Liu, Nan-Chang Chiu, Reyin Lien, Luan-Yin Chang, Cheng-Hsun Chiu, Kuo-Chien Tsao, Tzou-Yien Lin (2015). Effect of intravenous immunoglobulin for neonates with severe enteroviral infections with emphasis on the timing of administration. *Journal of Clinical Virology* , 64, 92-96.
19. TY Wang, KD Lee, PT Chen, Min-Chi Chen, YY Chen, Huang CE, Kuan FC, CC

Chen, CH Lu (2015). Incidence and risk factors for central venous access port-related infection in Chinese cancer patient. *Journal of the Formosan Medical Association*, 114(11): 1055-60.

20. WY Kuo, YL Shyu, JS Wang, Min-Chi Chen, CC WU, YF Huang (2015). The impact of sleep duration on recovery post-hip fracture among older diabetic adults in Taiwan. *Geriatric Nursing*, doi: 10.1016/j.gerinurse.2015.11.005.

21. Kuan FC, Kuo LT, Chen MC, Yang CT, Shi CS, Teng D and *Lee KD (2015): Overall survival benefits of first-line EGFR tyrosine kinase inhibitors in EGFR-mutated non-small-cell lung cancers: a systematic review and meta-analysis. *British J Cancer* 17;113(10):1519-28

22. Sheung-Fat Ko, Hon-Kan Yip, Steve Leu, Chen-Chang Lee, Jiunn-Jye Sheu, Chia-Chang Lee, Shu-Hang Ng, Chung-Cheng Huang, Min-Chi Chen and Cheuk-Kwan Sun (2014, Jul). Therapeutic Potential of Tacrolimus on Acute Myocardial Infarction in Minipigs: Analysis with Serial Cardiac Magnetic Resonance and Changes at Histological and Protein Levels. *BioMed Research International*, 524078.

23. J.C. Hsieh, H.C. Lin, C.Y. Huang, H.L. Hsu, T.M. Wu, C.L. Lee, M.C. Chen, H.M. Wang, C.P. Tseng (2014, May). Prognostic value of circulating tumor cells with podoplanin expression in patients with locally advanced or metastatic head and neck squamous cell carcinoma. *Head and Neck*, doi: 10.1002/hed.23779.

24. Hsi-Fu Chen, Min-Chi Chen, Chi-Chun Lai, Ling Yeung, Nan-Kai Wang, Henry Shen-Lih Chen, Wan-Chen Ku, Shiu-Chen Wu, Shirley H L Chang and Lan-Hsin Chuang (2014). Neovascular glaucoma after central retinal vein occlusion in pre-existing glaucoma. *BMC Ophthalmology*, 14:119.

25. Hsiang-Ping Huang, Fur-Hsing Wen, Jen-Chen Tsai, Yung-Chang Lin, Shio-Ching Shun, Hsien-Kun Chang, Jong-Shyan Wang, Sui-Whi Jane, Min-Chi Chen, Mei-Ling Chen (2014). Adherence to prescribed exercise time and intensity declines as the exercise program proceeds: findings from women under treatment for breast cancer. *Support Care Cancer*, DOI 10.1007/s00520-014-2567-7.

26. Huei-Ling Huang, Yea-Ing L Shyu, Min-Chi Chen, Chin-Chang Huang, Hung-Chou Kuo, Sien-Tsong Chen, Wen-Chuin Hsu (2014). Family caregivers' role implementation at different stages of dementia. *Clinical Interventions in Aging* , 9: 1-12.