Taipei-VGH Clin Res Core Lab

Researcher Profile

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Education:	MD, School of Medicine, National Yang-Ming University PhD candidate, Institute of Emergency and Critical Care Medicine, National Yang Ming Chiao Tung University
Experience:	Residency and Fellowship, Department of Respiratory Therapy and Department of Chest Medicine, Taipei Veterans General Hospital Attending physician, Department of Internal Medicine, Taipei Municipal Gan-Dau Hospital Assistant professor, School of Medicine, College of Medicine, National Yang Ming Chiao Tung University
Research Interests: (Key words)	Lung fibrosis, acute lung injury, airway diseases, pulmonary infection, mechanical ventilation, critical care
Selected Publications (in recent 5 yr):	1. **Chen WC**, Chen HH, Chiang CH, Lee YC, Yang KY. Effect of salmeterol/fluticasone combination on the dynamic changes of lung mechanics in mechanically ventilated chronic obstructive pulmonary disease patients: a prospective pilot study. Int J Chron Obstruct Pulmon Dis. 2016;11:167-174 2. Chao YS, Wu HC, Wu CJ, **Chen WC***. Stages of Biological Development across Age: An Analysis of Canadian Health Measure Survey 2007–2011. Front Public Health. 2018; 5:355. (*corresponder) 3. **Chen WC**, Su VY, Yu WK, Chen YW, Yang KY. Prognostic factors of noninvasive mechanical ventilation in lung cancer patients with acute respiratory failure. PLoS One, 2018; 13(1):e0191204. 4. Chao YS, Wu HC, Wu CJ, **Chen WC***. Index or illusions: the case of frailty indices in the Health and Retirement Study. PLoS One. 2018 Jul 18;13(7):e0197859. (*corresponder) 5. Chao YS, Wu CJ, Wu HC, **Chen WC***. Trend analysis for national surveys: application to all variables from the Canadian Health Measures Survey cycle 1 to 4. PLoS One. 2018 Aug 9;13(8):e0200127. (*corresponder) 6. Chao YS, Scutari M, Chen TS, Wu CJ, Durand M, Boivin A, Wu HC, **Chen WC***. A network perspective of engaging patients in specialist and chronic illness care: the 2014 International Health Policy Survey. PLoS One. 2018 Aug 13;13(8):e0201355. (*corresponder) 7. Chao YS, McGolrick D, Wu CJ, Wu HC, **Chen WC***. A proposal for a self-rated frailty index and status for patient-oriented research. BMC Res Notes. 2019 Mar 25;12(1):172. (*corresponder)

Selected Publications (Con't):	8. Chao YS, Wu CJ, Wu HC, **Chen WC***. Drug trends among non-institutionalized Canadians and the impact of data collection changes in the Canadian Health Measures Survey 2007 to 2015. PLoS One. 2019 Apr 12;14(4):e0214718. (*corresponder)
	9. **Chen WC**, Chen YW, Ko HK, Yu WK, Yang KY. Comparisons of clinical features and outcomes between Elizabethkingia meningoseptica and other bacteremia in adult ICU patients. J Microbiol Immunol Infect. J Microbiol Immunol Infect. 2020 Apr;53(2):344-350.
	10. Chao YS, Wu CJ, Wu HC, Hsu HT, Tsao LC, Cheng YP, Lai YC, **Chen WC***. Composite diagnostic criteria are problematic for linking potentially distinct populations: the case of frailty. Sci Rep. 2020 Feb 13;10(1):2601. (*corresponder)
	11. Chao YS, Wu CJ, Wu HC, Hsu HT, Tsao LC, Cheng YP, Lai YC, **Chen WC***. Using syndrome mining with the Health and Retirement Study to identify the deadliest and least deadly frailty syndromes. Sci Rep. 2020 Apr 8;10(1):5357. (*corresponder)
	12. Lain WL, Chang SC, **Chen WC***. Outcome and prognostic factors of interstitial lung disease patients with acute respiratory failure in the intensive care unit. Ther Adv Respir Dis. 2020 Jan-Dec;14:1753466620926956. (*corresponder)
	13. **Chen WC**, Chen NJ, Chen HP, Yu WK, Su VY, Chen H, Wu HH, Yang KY. Nintedanib Reduces Neutrophil Chemotaxis via Activating GRK2 in Bleomycin-Induced Pulmonary Fibrosis. Int J Mol Sci. 2020 Jul 2;21(13):4735. doi: 10.3390/ijms21134735.
	14. **Chen WC**, Kao KC, Sheu CC, Chan MC, Chen YM, Chien YC, Peng CK, Liang SJ, Hu HC, Tsai MJ, Fang WF, Perng WC, Wang HC, Wu CL, Yang KY; TSIRC (Taiwan Severe Influenza Research Consortium). Risk factor analysis of nosocomial lower respiratory tract infection in influenza-related acute respiratory distress syndrome. Ther Adv Respir Dis. Jan-Dec 2020;14:1753466620942417.
	15. Chao YS, Wu CJ, Wu HC, Hsu HT, Tsao LC, Cheng YP, Lai YC, **Chen WC***. Opportunities and Challenges From Leading Trends in a Biomonitoring Project: Canadian Health Measures Survey 2007-2017. Front Public Health. 2020 Sep 9;8:460. (*corresponder)
	16. Chao YS, Lin KF, Wu CJ, Wu HC, Hsu HT, Tsao LC, Cheng YP, Lai YC, **Chen WC***. Simulation study to demonstrate biases created by diagnostic criteria of mental illnesses: major depressive episodes, dysthymia, and manic episodes. BMJ Open. 2020 Nov 10;10(11):e037022. (*corresponder)
	17. Chao YS, Wu CJ, Wu HC, McGolrick D, **Chen WC***. Interpretable trials: is interpretability a reason why clinical trials fail. Front. Med. Front Med (Lausanne). 2021;8:541405. (*corresponder)
Names of Lab members:	Yu-Wen Lin