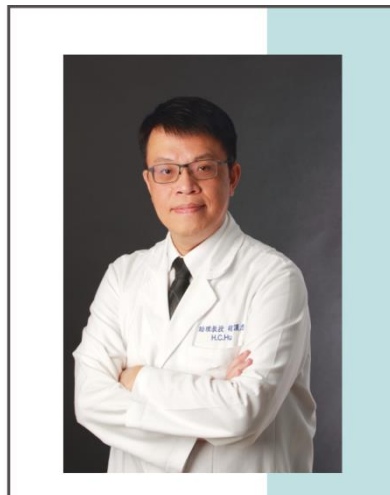


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研究計畫

1. Epidemiology and prognostic analysis of acute respiratory distress syndrome. (Co-PI)
CMRPG3D0851; 2014/2/1~2016/1/31.
2. The prognostic effects of near infrared spectroscopy derived tissue oxygenation saturation and vascular occlusion test on the outcome of ARDS.(Co-PI) NMRP 103-2314-B-182-060-MY2; 2014/8/1~2016/7/31.
3. Inhalation injury caused by Formosa Water Park dust explosion: risk factors, impact on physiologic and psychological outcomes and the differences with other inhalation injury. (PI)
CORPG3F0091; 2016/6/1~2017/5/31
4. Investigation of etiology and biomarkers in community-acquired pneumonia/ healthcare-associated pneumonia related acute respiratory distress syndrome in adults. (PI)
CMRPG3F1861; 2016/11/1~2019/05/31

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5. Energy expenditure in burn patients using various predictive formulas and versus indirect calorimetry (Co-PI) CMRPG3J1041; 2019/9/1 – 2020/8/31

研究成果

近五年 Publications

First author and Corresponding author

1. Allen Chung-Cheng Huang, Chung-Guei Huang, Cheng-Ta Yang, Han-Chung Hu* Concomitant infection with COVID-19 and Mycoplasma pneumoniae. *Biomedical Journal* 2020, In press (Co-corresponding author)
 2. Li-Chung Chiu, Shih-Wei Lin, Pi-Hua Liu, Li-Pang Chuang, Chih-Hao Chang, Chen-Yiu Hung, Shih-Hong Li, Chung-Shu Lee, Huang-Pin Wu, Chung-Chi Huang, Hsin-Hsien Li, Kuo-Chin Kao, Han-Chung Hu Reclassifying severity after 48 hours could better predict mortality in acute respiratory distress syndrome. *Thorax* 2020 Jan-Dec;14:1753466620936877 (Corresponding author)
 3. Han-Chung Hu, Chih-Hao Chang, Hsiang-Hao Hsu, Chia-Ming Chang, Chung-Chi Huang, Shioh-Shuh Chuang, Kuo-Chin Kao*. Inhalation injury caused by cornstarch dust explosion in intubated patients – A single center experience. *Burns* 2018 Feb 44(1): 134-139 (SCI:IF:2.247; Surgery 75/203)
 4. Kuo-Chin Kao, Chih-Hao Chang, Chen-Yiu Hung, Li-Chung Chiu, Chung-Chi Huang, Han-Chung Hu* Survival predictor in patients with acute respiratory distress syndrome and diffuse alveolar damage undergoing open lung biopsy. *PLoS One* 2017 Jul;12(7):e0180018 (Corresponding author, SCI:IF:2.776; Multidisciplinary sciences 24/69)
 5. Kuo-chin Kao, Li-Chung Chiu, Chen-Yiu Hung, Chih-Hao Chang, Cheng-Ta Yang, Chung-Chi Huang, Han-Chung Hu* Coinfection and mortality in pneumonia-related acute respiratory distress syndrome patients with bronchoalveolar lavage: A prospective observational study *Shock* 2017 May;47(5):615-620 (Corresponding author, SCI:IF:3.083; Critical care medicine =11/33)
 6. Cheng-Hsin Chen, Kuo-Chin Kao, Ning-Hung Chen, Chung-Chi Huang, Hen-I Lin, Yen-The Chang, Han-Chung Hu* Pulmonary Tuberculosis-Related Acute Respiratory Distress Syndrome in a Healthy Adult Rescued by Extracorporeal Membrane Oxygenation – A Case Report and Literature Review *Thorac Med* 2016; 31: 60-66 (non-SCI, Corresponding author)
 7. Han-Chung Hu, Kuo-Chin Kao*, Li-Chung Chiu, Chih-Hao Chang, Chen-Yiu Hung, Li-Fu Li, Tsui-Ping Liu, Lee-Chung Lin, Ning-Hung Chen, Chung-Chi Huang, Cheng-Ta Yang, and Jang-Jih Lu*. Clinical outcomes and molecular typing of heterogeneous vancomycin-intermediate Staphylococcus aureus bacteremia in patients in intensive care units. *BMC Infect Dis* 2015 Oct 23;15:444. (SCI: IF: 2.565; Infectious diseases= 38/89)
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 10. Shih-Hong Li, Meng-Jer Hsieh, Shih-Wei Lin, Li-Pang Chuang, Chung-Shu Lee, Li-Chung Chiu, Chih-Hao Chang, Han-Chung Hu, Chung-Chi Huang, Kuo-Chin Kao. Outcome of severe H1N1 pneumoniae: A retrospective study at intensive care units. *J Formos Med Assoc* 2019 Mar 7. pii: S0929-6646(18) (SCI;IF:2.844; Medicine, General& Internal 35/160)
 11. Li-Pang Chuang, Ning-Hung Chen, Shih-Wei Lin, Han-Chung Hu, Kuo-Chin Kao, Li-Fu Li, Cheng-Ta Yang, Chung-Chi Huang, Jong-Hwei S. Pang. Monocytic C-C chemokine receptor 5 expression increases in in vitro intermittent hypoxia condition and in severe obstructive sleep apnea patients. *Sleep Breath* 2019 Feb 18. doi:10.1007/s11325-019-01797-4. (SCI;IF:2.326; Respiratory system 38/63)
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Effects of theophylline therapy on respiratory muscle strength in patients with prolonged mechanical ventilation A retrospective cohort study. *Medicine* (2019) 98:2(e13982) (SCI;IF:1.870; Medicine, General and Internal 69/160)
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 16. Kuo-Chin Kao, Ko-Wei Chang, Ming-Cheng Chan, Shinn-Jye Liang, Ying-Chun Chien, Han-Chung Hu, Li-Chung Chiu, Wei-Chih Chen, Wen-Feng Fang, Yu-Mu Chen, Chau-Chyun Sheu, Ming-Ju Tsai, Wann-Cherng Perng, Chung-Kan Peng, Chieh-Liang Wu, Hao-Chien Wan
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