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洪振瀛醫師介紹

心臟病衛教指引

EDUCATION

Ph.D. Candidate in Department of Electrical Engineering, International Intercollegiate Ph.D. Program, National Tsing Hua University, Hsinchu, Taiwan (2016-)

MD, National Yang-Ming University, Taipei, Taiwan (1999-2006)

PROFESSIONAL EXPERIENCES

Director of Cardiology, Department of Internal Medicine, Taipei Veterans General Hospital, Hsinchu Branch, Taiwan (2016-)

Attending Physician, Department of Internal Medicine, Taipei Veterans General Hospital, Hsinchu Branch, Taiwan (2014-2016)

Attending Physician and Fellowship, Cardiovascular Center, Taichung Veterans General Hospital, Taichung, Taiwan (2011-2014)

Research Fellow, King's College Hospital, London, U.K. (2011)

Fellowship and Residency, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan (2007-2011)

HONORS & AWARDS

1. Excellent Doctor Award, Taipei Veterans General Hospital, Hsinchu Branch
2. First Place Winner of Case Competition, Taiwan Society of Cardiovascular Interventions
3. Excellence in Clinical Teaching Award, Veterans Affairs Commission, Executive Yuan
4. Student Paper Competition Finalists, IEEE Engineering in Medicine and Biology Society
5. The Young Investigator Award, Taiwan Heart Rhythm Society

RESEARCH INTERESTS

Machine Learning for Healthcare, Electronic Health Record Analysis, Medical Image Analysis

FEATURED PUBLICATIONS

1. **Hung CY**, Lin CH, Chang CS, Li JL, Lee CC. Predicting Gastrointestinal Bleeding Events from Multimodal In-Hospital Electronic Health Records Using Deep Fusion Networks. Conf Proc IEEE Eng Med Biol Soc. 2019 Jul. [IEEE Conference Paper]

2. **Hung CY**, Lin CH, Lan TH, Peng GS, Lee CC. Development of an Intelligent Decision Support System for Ischemic Stroke Risk Assessment in a Population-Based Electronic Health Record Database. PLoS One. 2019 Mar;14(3):e0213007. [IF:2.766, Rank:15/64]

3. **Hung CY**, Lin CH, Lee CC. Improving Young Stroke Prediction by Learning with Active Data Augmenter in a Large-Scale Electronic Medical Claims Database. Conf Proc IEEE Eng Med Biol Soc. 2018 Jul;2018:5362-5365. [IEEE Conference Paper - SPC Finalists]

4. **Hung CY**, Chen WC, Lai PT, Lin CH, Lee CC. Comparing Deep Neural Network and Other Machine Learning Algorithms for Stroke Prediction in a Large-Scale Population-Based Electronic Medical Claims Database. Conf Proc IEEE Eng Med Biol Soc. 2017 Jul;2017:3110-3113. [IEEE Conference Paper]

5. Hsieh YC, **Hung CY**, Li CH, Liao YC, Huang JL, Lin CH, Wu TJ. Angiotensin-Receptor Blocker, Angiotensin-Converting Enzyme Inhibitor, and Risks of Atrial Fibrillation: A Nationwide Cohort Study. Medicine (Baltimore). 2016 May;95(20):e3721. [IF:5.723, Rank:15/154]

6. **Hung CY**, Hsieh YC, Li CH, Huang JL, Lin CH, Wu TJ. Age and CHADS$_2$ Score Predict the Effectiveness of Renin-Angiotensin System Blockers on Primary Prevention of Atrial Fibrillation. Sci Rep. 2015 Jun;5:11442. [IF:5.578, Rank:5/57]

7. **Hung CY**, Wang KY, Wu TJ, Hsieh YC, Huang JL, Loh EW, Lin CH. Resistant Hypertension, Patient Characteristics, and Risk of Stroke. PLoS One. 2014 Aug;9(8):e104362. [IF:3.534, Rank:8/55]

8. **Hung CY**, Hsieh YC, Huang JL, Lin CH, Wu TJ. Statin Therapy for Primary Prevention of Atrial Fibrillation: Guided by CHADS$_2$/CHA$_2$DS$_2$VASc Score. Korean Circ J. 2014 Jul;44(4):205-209. [Invited Review, IF:0.753, Rank:109/123]

9. **Hung CY**, Hsieh YC, Wang KY, Huang JL, Loh EW, Lin CH, Wu TJ. Efficacy of Different Statins for Primary Prevention of Atrial Fibrillation in Male and Female Patients: a Nationwide Population-Based Cohort Study. Int J Cardiol. 2013 Oct;168(4):4367-4369. [IF:7.078, Rank:7/117]

10. **Hung CY**, Lin CH, Wang KY, Huang JL, Hsieh YC, Loh EW, Lan TH, Chou P, Ting CT, Wu TJ. Dosage of Statin, Cardiovascular Comorbidities, and Risk of Atrial Fibrillation: a Nationwide Population-based Cohort Study. Int J Cardiol. 2013 Sep;168(2):1131-1136. [IF:7.078, Rank:7/117]

11. **Hung CY**, Lin CH, Loh EW, Ting CT, Wu TJ. CHADS$_2$ Score, Statin Therapy, and Risks of Atrial Fibrillation. Am J Med. 2013 Feb;126(2):133-140. [IF:5.430, Rnak:13/155]