Curriculum Vitae

Name	First Name	Yih-Sharng	Last Name	Chen
Country	Taiwan			
Affiliation	National Taiwan University Hospital			
E-mail	Yschen1234@gmail.com			

Educational Background

Ph.D., Graduate Institute of Physiology, College of Medicine, National Taiwan University,2005

- LVAD (Heartmate) training program, Texas Heart Institution.
- Fellow of Professor Imai, Tokyo women's Medical College, Tokyo, 1996, July-August.
- Clinical Fellow of Professor Bove, University of Michigan, Ann Arbor,1996-1997.
- Observing Fellow of transplantation team, University of Pittsburgh, 1997.
- Fellow of Transplantation team, Papworth Hospital, UK.
- The 3rd International 6-day symposium on congenital heart disease, 1999,
- Korea. Aneurx training program for aortic stenting, 2001, Hong Kong.
- Ph.D. program in Physiology of National Taiwan University Medical College.

Professional Career

- Director of ECMO Team, National Taiwan University Hospital,1995 ~2020
- Chief of Cardiovascular Surgery,National Taiwan University Hospital,2010-2017
- President of Taiwan Association of Thoracic & Cardiovascular Surgery,2015~2017
- Chairman of Taiwan Association of Thoracic & Cardiovascular Surgery,2016-2018
- Chairman of Asia-Pacific Extracorporeal Life Support Organization,2017

Research Field

pediatric cardiac surgery,coronary artery bypass grafting (CABG) and heart valve surgery.

Papers, Books, etc. presented or published by your name

1. Chen YS, Lin JW, Yu HY, Ko WJ, Jerng JS, Chang WT, Chen WJ, Huang SC, Chi NH, Wang CH, Chen LC, Tsai PR, Wang SS, Hwang JJ, Lin FY*.Cardiopulmonary resuscitation with assisted extracorporeal life-support versus conventional cardiopulmonary resuscitation in adults with in-hospital cardiac arrest: an observational study and propensity analysis.Lancet.2008 Aug 16;372(9638):554-61.
2. Yu HY, Wang CH, Chi NH, Huang SC, Chou HW, Chou NK, Chen YS(corresponding author).Effect of interplay between age and low-flow duration on neurologic outcomes of extracorporeal cardiopulmonary resuscitation.Intensive Care Med.2019 Jan;45(1):44-54.
3. Chen YS, Yu HY, Huang SC, Lin JW, Chi NH, Wang CH, Wang SS, Lin FY, Ko WJ*.Extracorporeal membrane oxygenation support can extend the duration of cardiopulmonary resuscitation.Crit Care Med.2008 Sep;36(9):2529-35.
4. Chang WT, Wang CH, Lai CH, Yu HY, Chou NK, Wang CH, Huang SC, Tsai PR, Chou FJ, Tsai MS, Huang CH, Ko WJ, Chen WJ, Chen YS.Optimal Arterial Blood Oxygen Tension in the Early Postresuscitation Phase of Extracorporeal Cardiopulmonary Resuscitation: A 15-Year Retrospective Observational Study.Crit Care Med.2019 Nov;47(11):1549-1556.
5. Hong TH, Kuo SW, Hu FC, Ko WJ, Hsu LM, Huang SC, Yang YW, Yu SL, Chen YS(correspondign author).Do interleukin-10 and superoxide ions predict outcomes of cardiac extracorporeal membrane oxygenation patients?Antioxid Redox Signal.2014 Jan;20(1):60-8.
6. Yeh YC, Lee CT, Wang CH, Tu YK, Lai CH, Wang YC, Chao A, Huang CH, Cheng YJ*, Chen YS(*Corresponding author); NTUH Center of Microcirculation Medical Research (NCMMR).Investigation of microcirculation in patients with venoarterial extracorporeal membrane oxygenation life support.Crit Care.2018 Aug 19;22(1):200.
7. Lin JW, Wang MJ, Yu HY, Wang CH, Chang WT, Jerng JS, Huang SC, Chou NK, Chi NH, Ko WJ, Wang YC, Wang SS, Hwang JJ, Lin FY, Chen YS(corresponding author).Comparing the survival between extracorporeal rescue and conventional resuscitation in adult in-hospital cardiac arrests: propensity analysis of three-year data.Resuscitation.2010 Jul;81(7):796-803.
8. Wang CH, Chou NK, Becker LB, Lin JW, Yu HY, Chi NH, Hunag SC, Ko WJ, Wang SS, Tseng LJ, Lin MH, Wu IH, Ma MH, Chen YS(Corresponding author).Improved outcome of extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest-a comparison with that for extracorporeal rescue for in-hospital cardiac arrest.Resuscitation.2014 Sep;85(9):1219-24.
9. Lu MJ, Chen YS(Co1st), Huang HS, Ma MC*.Hypoxic preconditioning protects rat hearts against ischemia-reperfusion injury via the arachidonate12-lipoxygenase/transient receptor potential vanilloid 1 pathway.Basic Res Cardiol.2014 Jul;109(4):414.
10. Lin MT, Chen YS(corresponding author), Huang SC, Chiu HH, Chiu SN, Chen CA, Wu ET, Chiu IS, Chang CI, Wu MH, Wang JK.Alternative approach for selected severe pulmonary hypertension of congenital heart defect without initial correction--palliative surgical treatment.Int J Cardiol.2011 Sep;15;151(3):313-7.
11. Wang CH, Lin YT, Chou HW, Wang YC, Hwang JJ, Gilbert JR, Chen YS(corresponding author).Novel approach for independent control of brain hypothermia and systemic normothermia: cerebral selective deep hypothermia for refractory cardiac arrest.J Neurointerv Surg.2017 Aug;9(8):e32
12. Hong TH, Chang CH, Ko WJ, Lin CF, Liu HH, Chow LP, Huang CT, Yu SL, Chen YS(corresponding author).Biomarkers of early sepsis may be correlated with outcome.J Transl Med.2014 May;26;12:146.
13. Chao A, Wang CH, You HC, Chou NK, Yu HY, Chi NH, Huang SC, Wu IH, Tseng LJ, Lin MH, Chen YS(corresponding author).Highlighting Indication of extracorporeal membrane oxygenation in endocrine emergencies.Sci Rep.2015 Aug;5:13361.
14. Huang SC1, Chi NH, Wu IH, Yu HY, Wu ET, Wang SS, Lin FY, Chen YS(corresponding author).Incorporating a pediatric concept into tricuspid valve endocarditis: one and a half ventricle repair.J Thorac Cardiovasc Surg.2006 Jan;131(1):228-9.
15. Huang SC1, Wu ET, Ko WJ, Lai LP, Hsu J, Chang CI, Chiu IS, Wang SS, Wu MH, Lin FY, Chen YS(corresponding author).Clinical implication of blood levels of B-type natriuretic peptide in pediatric patients on mechanical circulatory support.Ann Thorac Surg.2006 Jun;81(6):2267-72.