

Dr. Jan-Yow Chen was born at Taiwan in 1967. He was graduated from School of Medicine of China Medical College (China Medical University) in Taiwan in 1992. Thereafter, he received training for internal medicine and cardiology at China Medical University Hospital. He finished his fellowship for cardiology in 1999 and became an attending physician of Division of Cardiology in China Medical University. He received further training for clinical electrophysiology and device therapy later. Additionally, he also received basic science training for cardiology in Department of Life Sciences of National Chung Hsing University in Taiwan and finished the PhD program in Jan 2013. Nowadays, he is an associate professor of School of Medicine and a clinical electrophysiologist of China Medical University in Taiwan.

Curriculum Vitae

Jan-Yow Chen, MD, PhD.

Present Position

Associate Professor, China Medical University School of Medicine,
Taichung, Taiwan

Attending Physician, Division of Cardiology, China Medical University
Hospital, Taichung, Taiwan

Education

2006.9-2013.1 PhD, Department of Life Sciences,
National Chung Hsing University, Taichung, Taiwan

1985.9-1992.6 School of Medicine, China Medical College, Taichung,
Taiwan

Postgraduate Training

1997-1999 Fellow in Cardiology,
Division of Cardiology,
Department of Medicine,
China Medical University, Taichung, Taiwan

Professional Affiliation

Fellow College of the Asia Pacific Society of Cardiology

Member Heart Rhythm Society (USA)

Member Taiwan Heart Rhythm Society

Member: The Society of Internal Medicine, R.O.C.

Member: Taiwan Society of Cardiology
Member: Taiwan Society of Echocardiography.
Member: Taiwan Society of Critical Care Medicine.

Licenses and Certification

1992 Licensed to Practice Medicine, R.O.C.
Certificate No: 022078

1997 Specialist of Internal Medicine, R.O.C.
Certificate No: 5008

1999 Specialist of Cardiology, R.O.C.
Certificate No: S796

2001 Specialist of Critical Care Medicine, R.O.C.
Certificate No: SC812

Publication

(A) Published papers

1. **Chen JY**, Liu JH, Wu H, Lin KH, Chang KC, Liou YM..Transforming Growth Factor- β 1 T869C Gene Polymorphism Is Associated with acquired sick sinus syndrome via linking a higher serum protein level. PLoS One. 2016;5;11(7):e0158676.
2. Lau CP, Tachapong N, Wang CC, Wang JF, Abe H, Kong CW, Liew R, Shin DG, Padeletti L, Kim YH, Omar R, Jirarojanakorn K, Kim YN, Chen MC, Sriratanasathavorn C, Munawar M, Kam R, **Chen JY**, Cho YK, Li YG, Wu SL, Bailleul C, Tse HF; Septal Pacing for Atrial Fibrillation Suppression Evaluation Study Group. Prospective randomized study to assess the efficacy of site and rate of atrial pacing on long-term progression of atrial fibrillation in sick sinus syndrome: Septal Pacing for Atrial Fibrillation Suppression Evaluation (SAFE) Study. Circulation. 2013 Aug 13;128(7):687-93.
3. Liu JH, **Chen JY**, Lin SY, Lin HH, Ting IW, Liang CC, Wang IK, Kuo HL, Chang CT, Huang CC, Sung FC. Comparing survival between peritoneal dialysis and hemodialysis patients with subclinical peripheral artery disease: a

- 6-year follow-up. *International Journal of Medical Sciences*. 2013; 10(4):434-440.
4. **Chen JY**, Liou YM*, Wu HDI, Lin KH, Chang KC. Promoter Polymorphism G-6A, Which Modulates Angiotensinogen Gene Expression, Is Associated with Non-familial Sick Sinus Syndrome. *Plos One*. 2012; 7: e29951, 1-7. (SCI)
 5. **Chen JY**, Lin KH, Liou YM, Chang KC, Huang SKS*. Usefulness of Pre-Procedure Cavotricuspid Isthmus Imaging by Modified Transthoracic Echocardiography for Predicting Outcome of Isthmus-Dependent Atrial Flutter Ablation. *Journal of the American Society of Echocardiography*. 2012; 24:1148-1155. (SCI).
 6. **Chen JY**, Hsu HB, Chang KC, Huang SKS*. An Extensive Recess in the Cavotricuspid Isthmus Identified by transthoracic three-dimensional echocardiography. *Journal of Cardiovascular Electrophysiology*. 2009,20:1291. (SCI).
 7. Lin YN, Liou YM, **Chen JY***, Chang KC. Sinus node dysfunction as an initial presentation of adult systemic lupus erythematosus. *Lupus*. 2011; 20: 1072–1075. (SCI).
 8. Chou CY, **Chen JY**, Liu JH, Liu YL, Lin HH, Yang YF, Wang SM, Kuo HL, Huang CC. Atrial fibrillation linked to vascular access thrombosis in chronic hemodialysis patients. *Journal of Atherosclerosis and Thrombosis*. 2011; 18:448-453. (SCI).
 9. Chang SS, **Chen JY**, Chang KC, SKS Huang. Massive thrombotic occlusion of the superior vena cava caused by a single pacemaker permanent lead successfully treated by percutaneous venoplasty. *Journal of Cardiovascular Electrophysiology* 2010; 21: 714-715. (SCI).
 10. Hsieh SR, Tsai DC, **Chen JY**, Tsai SW, Liou YM*. Green tea extract protects rats against myocardial infarction associated with left anterior descending coronary artery ligation. *Pflugers Archiv – European Journal of Physiology*. 2009; 458: 631-642. (SCI).
 11. Liou YM*, Hsieh SR, Wu TJ, **Chen JY**. Green tea extract given before regional myocardial ischemia–reperfusion in rats improves myocardial contractility by attenuating calcium overload. *Pflugers Archiv – European Journal of Physiology*. 2010; 460:1003–1014. (SCI)

12. Lu CR, **Chen JY**, Hsu CH, Chang KC*, H SKS. Acute massive pulmonary embolism after radiofrequency catheter ablation – a rare but devastating complication. *Texas Heart Institute Journal*. 2010;37:498-499. (SCI)
13. Chang CP, Liu JC, Lio YM, Chang SS, **Chen JY*** The role of false lumen size in prediction of in-hospital complications after acute type B aortic dissection. *Journal of the American College of Cardiology* 2008;52:1170–6. (SCI)
14. **Chen JY**, Chang KC, Lin KH, Lin YC, Lee JD, Huang SKS. Ultrasonographic predictors of unsuccessful cephalic vein approach during pacemaker or defibrillator lead implantation. *Pacing Clin Electrophysiol* 2006;29:706-711.(SCI).
15. **Chen JY**, Chang KC, Lin YC, Chou HT, Hung JS. Pre-procedure duplex ultrasonography to assist cephalic vein isolation in pacemaker and defibrillator implantation. *J Interv Card Electrophysiol* 2005;12:75-81 (SCI)
16. **Chen JY**, Chang KC, Lin YC, Chou HT, Hung JS. Feasibility and accuracy of pre-procedure imaging of the proximal cephalic vein by duplex ultrasonography in pacemaker and defibrillator implantation. *J Interv Card Electrophysiol* 2004;10:31-35 (SCI)
17. **Chen JY**, Chang KC, Lin YC, Chou HT, Hung JS. Safety and outcomes of short-term multiple femoral venous sheaths placement in cardiac electrophysiological study and radiofrequency catheter ablation. *Jpn Heart J* 2004;45:257-264 (SCI)
18. Chang KC, **Chen JY**, Lin YC, Hung JS. Unexpected loss of atrial tracking caused by interaction between temporary and permanent right ventricular leads during implantation of bi-ventricular pacemaker. *Pacing Clin Electrophysiol* 2004;27:998-1001(SCI)
19. **Chen JY**, Lo PH, Hung JS, Lin JJ, Lee H, Chang KC, Chou HT. Color Doppler ultrasound evaluation of radial artery occlusion in transradial catheterization. *Acta Cardiol Sin* 2001;17: 193-200.
20. Chang KC, Lin YC, **Chen JY**, Chou HT, Hung JS. Interactions of Esmolol and Adenosine in atrioventricular nodal-dependent supraventricular tachycardia: implication for the cellular mechanisms of Adenosine. *Cardiology* 2002;97:138-146 (SCI).

21. Chang KC, Lin YC, **Chen JY**, Chou HT, Hung JS. Electrophysiological characteristics and radiofrequency ablation of focal atrial tachycardia originating from the superior vena cava. *Jpn Circ J* 2001; 65;1034-1040.(SCI).

(B) Papers published in cardiology conference

1. **Chen JY**, YM Liou, Lin KH, Chang KC. Angiotensinogen promoter polymorphism G-152A is associated with acquired atrioventricular block via modulating gene expression. APHRS 2015, Asia Pacific Heart Rhythm Society 2015 Scientific Sessions. Melbourne, Australia.
2. **Chen JY**, YM Liou, Lin KH, Chang KC. Transforming growth factor- β 1 T869C gene polymorphism is associated with acquired sick sinus syndrome via linking a higher serum protein level. HRS 2015. Heart Rhythm Society 2015 Annual Scientific Sessions. Boston, Massachusetts, US.
3. **Chen JY**, Lin KH, Chang KC. An idiopathic VT originated from high septum of right ventricle with possible linkage in arrhythmia. Taiwan Heart Rhythm Society 2014 Annual Conference. Taipei, Taiwan.
4. **Chen JY**, Hsu HB, Lin KH, Chang KC. An extensive recess in the cavotricuspid isthmus identified by transthoracic three-dimensional echocardiography in atrial flutter ablation. Heart Rhythm Society 2009 Annual Conference, Boston, Massachusetts, US.
5. **Chen JY**, Liou YM, Lin KH, Chou HT, Chang KC. G-6A Polymorphism associated with sick sinus syndrome modulates the gene expression of human angiotensinogen. Heart Rhythm Society 2009 Annual Conference, Boston, Massachusetts, US.
6. **Chen JY**, Lin KH, Hsu HB, Lin YC, Chang KC, Huang SKS. Influence of an extensively prominent Eustachian Ridge on isthmus-dependent atrial flutter ablation. 27th Annual Scientific Sessions of the Heart Rhythm Society, May 17-20, 2006, Boston, Massachusetts, USA. *Heart Rhythm* 2006;3:P5-81.
7. **Chen JY**, Chang KC, Lin YC, Chou HT, Hung JS. Duplex ultrasonography assisted isolation of the proximal cephalic vein for pacemaker and defibrillator implantation. *Heart Rhythm* 2004, 25th Annual Scientific Sessions of the Heart Rhythm Society, May 19-22, 2004, San Francisco, California, USA. *Heart Rhythm* 2004;1:S49.
8. **Chen JY**, Chang KC, Lin YC, Chou HT, Hung JS. Prediction of failed

pacemaker implantation via cephalic vein approach by pre-procedure duplex ultrasonography of cephalic vein. The third international congress on cardiovascular disease. Nov 26-28, Taipei, Taiwan. (International Journal of Cardiology 2004;97(suppl. 2);S37).

9. **Chen JY**, Chang KC, Lin YC, Chou HT, Hung JS. Safety and outcomes of short-term placement of multiple femoral venous sheath in electrophysiological study and radiofrequency ablation therapy. Oral presentation in "XII World congress on cardiac pacing and electrophysiology" Feb. 19-22, 2003. Hong Kong. (PACE 2003;26 (partII):S113)
10. **Chen JY**, Chang KC, Lin YC, Hung JS, Chou HT. Vascular outcomes of multiple femoral venous sheaths placement in electrophysiological study and radiofrequency catheter ablation. Oral presentation. Aug 10, 2003 annual conference of Taiwan society of cardiology. Acta Cardiologica Sinica. 2003;19(supplement);5.