


Curriculum Vitae

Name	Chi Young Shim	
Current Position & Affiliation	Professor, Division of Cardiology, Severance Cardiovascular Hospital, Yonsei University College of Medicine	
Country	Republic of Korea	

Educational Background

1994 - 1996	Premedical Education, Yonsei University College of Science, Seoul
1996 - 2000	M.D. Yonsei University College of Medicine, Seoul
2002 - 2005	Master of Medical Science, Yonsei University Graduate School, Seoul
2006 - 2009	Doctor of Medical Science, Yonsei University Graduate School, Seoul

Professional Experience

2000 – 2001	Internship Severance Hospital, Yonsei University College of Medicine, Seoul
2001 – 2005	Residency in Internal Medicine Severance Hospital, Yonsei University College of Medicine, Seoul
2005 - 2007	Cardiology Fellow - Division of Cardiology (General fellowship) Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul
2007 - 2008	Fellow in Echocardiography Section of Cardiology Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul
2008 - 2009	Instructor – Division of Cardiology Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul

2009-2013	Assistant Professor – Division of Cardiology Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul
2012-2013	Post Doc Researcher – Knight Cardiovascular Institute Oregon Health and Science University, Portland, Oregon, U.S.A.
2014-2018	Associate Professor – Division of Cardiology Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul
2019-Current	Professor – Division of Cardiology Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul
2019-Current	Director of Echocardiography Laboratory, Severance Cardiovascular Hospital
2019-Current	Director of Heart Valve Center, Severance Cardiovascular Hospital

Professional Organizations

- ✓ Member, The Korean Association of Internal Medicine (2005-present)
- ✓ Member, The Korean Society of Circulation (2005-present)
- ✓ Member, The Korean Society of Echocardiography (2007-present)
- ✓ Member, The Korean Society of Hypertension (2013-present)
- ✓ Member, The Korean Society of Heart Failure (2014-present)

Main Scientific Publications

1. **Shim CY**, Seo J, Cho I, Lee CJ, Cho IJ, Lhagvasuren P, Kang SM, Ha JW, Han G, Jang Y, Hong GR. Randomized, Controlled Trial to Evaluate the Effect of Dapagliflozin on Left Ventricular Diastolic Function in Patients with Type 2 Diabetes Mellitus: The IDIA Trial. *Circulation*. 2021; 143:510-512.
2. Song S, Seo J, Cho I, Hong GR, Ha JW, **Shim CY**. Progression and Outcomes of Non-dysfunctional Bicuspid Aortic Valve: Longitudinal Data From a Large Korean Bicuspid Aortic Valve Registry. *Front Cardiovasc Medi* 2021; 7:603323, **(Corresponding author)**

3. Choi JY, Suh YJ, Seo J, Choi KU, Hong GR, Lee S, Lee SH, Ha JW, Kim YJ, **Shim CY**. Structural and Functional Characteristics of Mitral Paravalvular Leakage Identified by Multimodal Imaging and Their Implication on Clinical Presentation. *J Clin Med* 2021; 10:222. **(Corresponding author)**
4. Seo J, Song S, Suh YJ, Kim YJ, Hong GR, Ha JW, **Shim CY**. Contemporary Multimodality Imaging for Cardiovascular Behçet Disease *JACC Cardiovasc Imaging* 2020; 13:2435-2444. **(Corresponding author)**
5. Kim D, Hong GR, Ha JW, **Shim CY**. Association of Left Ventricular Global Longitudinal Strain during Dobutamine Stress Echocardiography with Adverse Events in Patients with Severe Low-Flow, Low-Gradient Aortic Stenosis. *J Am Soc Echocardiogr.* 2020;33:1424-25. **(Corresponding author)**
6. **Shim CY**. Heart failure with preserved ejection fraction: the major unmet need in cardiology. *Korean Circ J.* 2020; 50:1051-1061. **(Corresponding author)**
7. Kim DY, Yoon YN, Hong GR, Ha JW, **Shim CY**. Malignant pericardial mesothelioma: diagnostic clues in multimodality imaging. *Int J Cardiovasc Imaging.* 2020; 36:1385. **(Corresponding author)**
8. Kim MJ, Hong GR, Ha JW, **Shim CY**. Acute Localized Myocarditis: Role of Speckle Tracking Echocardiography. *Korean Circ J.* 2020; 50:638-640. **(Corresponding author)**
9. Kim D, **Shim CY**, Hong GR, Chang BC. Unmasked Obstructive Hypertrophic Cardiomyopathy after Mitral Valve Repair for Severe Mitral Regurgitation. *Korean Circ J.* 2020; 50:461-463. **(Corresponding author)**
10. Lee SH, Lee S, Hong GR, **Shim CY**. Carney complex: Cardiac and extra-cardiac features. *Eur Heart J.* 2020; 41:193. **(Corresponding author)**
11. Jeong H, Song S, Seo J, Cho I, Hong GR, Ha JW, **Shim CY**. Characteristics and prognostic implications of tricuspid regurgitation in patients with arrhythmogenic cardiomyopathy. *ESC Heart Fail.* 2020; 7:2933-2940. **(Corresponding author)**
12. Choi JY, Suh YJ, Kim YJ, Lee SH, Lee S, Hong GR, Ha JW, **Shim CY**. Characteristics and Implications of Left Atrial Calcium on Cardiac Computed Tomography in Patients with Earlier Mitral Valve Operation. *Am J Cardiol* 2020; 128:60-66. **(Corresponding author)**
13. Seo J, Kim DY, Cho I, Hong GR, Ha JW, **Shim CY**. Prevalence, predictors, and prognosis of tricuspid regurgitation following permanent pacemaker implantation. *Plos One* 2020;15:e0235230. **(Corresponding author)**

14. Song S, Hong GR, Youn YN, Ha JW, **Shim CY**. Primary cardiac chondrosarcoma mimicking chronic pulmonary thromboembolism in multimodality imaging. *Eur Heart J Cardiovasc Imaging* 2020; 21:235. (**Corresponding author**)
15. Kim D, **Shim CY**, Kim YJ, Nam K, Hong GR, Lee SH, Lee S, Ha JW. Differences in Flow-Gradient Patterns Between Severe Bicuspid Aortic Stenosis and Severe Tricuspid Aortic Stenosis - Mechanistic Insight from Multimodal Imaging. *Circ J*. 2019; 84:119-126. (**Corresponding author**)
16. Jeong H, **Shim CY**, Kim D, Choi JY, Choi KU, Lee SY, Hong GR, Ha JW. Prevalence, Characteristics, and Clinical Significance of Concomitant Cardiomyopathies in Subjects with Bicuspid Aortic Valves. *Yonsei Med J*. 2019;60:816-823. (**Corresponding author**)
17. Kim D, **Shim CY**, Cho YJ, Park S, Lee CJ, Park JH, Cho HJ, Ha JW, Hong GR. Continuous Positive Airway Pressure Therapy Restores Cardiac Mechanical Function in Patients With Severe Obstructive Sleep Apnea: A Randomized, Sham-Controlled Study. *J Am Soc Echocardiogr*. 2019; 32:826-835. (**Co-1st author**)
18. **Shim CY**, Hong GR, Ha JW. Ventricular Stiffness and Ventricular-Arterial Coupling in Heart Failure: What is it, how to assess, and why? *Heart Fail Clin*. 2019; 15:267-274. (**Corresponding author**)
19. Choi JY, **Shim CY**, Hong GR, Ahn CM, Ko YG, Hong MK. Iliac Artery Rupture and Retroperitoneal Migration of a Stent Graft during Transcatheter Aortic Valve Replacement. *Korean Circ J*. 2019; 49:280-281. (**Corresponding author**)
20. **Shim CY**, Kim D, Park S, Lee CJ, Cho HJ, Ha JW, Cho YJ, Hong GR. Effects of continuous positive airway pressure therapy on left ventricular diastolic function: a randomized, sham-controlled clinical trial. *Eur Respir J*. 2018; 51:1701774.
21. Kim D, **Shim CY**, Hong GR, Cho IJ, Lee SH, Chang HJ, Lee S, Ha JW, Chang BC. Sinus node dysfunction after surgical atrial fibrillation ablation with concomitant mitral valve surgery: Determinants and clinical outcomes. *Plos One*. 2018; 13:e0203828. (**Corresponding author**)
22. Lee SY, **Shim CY**, Hong GR, Cho IJ, You SC, Chang HJ, Ha JW, Chung N. Adverse effects of left ventricular electrical dyssynchrony on cardiac reverse remodeling and prognosis after aortic valve surgery. *J Cardiol*. 2018; 71:385-392. (**Corresponding author**)

23. Kim IC, Chang S, Hong GR, Lee SH, Lee S, Ha JW, Chang BC, Kim YJ, **Shim CY**. Comparison of Cardiac Computed Tomography with Transesophageal Echocardiography for Identifying Vegetation and Intracardiac Complications in Patients with Infective Endocarditis in the Era of 3-Dimensional Images. *Circ Cardiovasc Imaging*. 2018; 11:e006986. (**Corresponding author**)
 24. Kim D, **Shim CY**, Hong GR, Park S, Cho IJ, Chang HJ, Ha JW, Chung N. Impact of Ambulatory Blood Pressure on Early Cardiac and Renal Dysfunction in Hypertensive Patients without Clinically Apparent Target Organ Damage. *Yonsei Med J*. 2018; 59:265-272. (**Corresponding author**)
 25. **Shim CY**, Hong GR. Timing and Indications for Aortic Valve Surgery in Korean Bicuspid Aortic Valve Patients. *Korean Circ J*. 2018; 48:82-83.
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