

CURRICULUM VITAE

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ACADEMIC EDUCATION:

1985	M.D. Kyungpook National University, College of Medicine, Korea
1986	Rotating Internship, University Hospital, Kyungpook National University, Korea
1988	M. S. Internal Medicine, Kyungpook National University, Graduate School, Korea
1989	Residency in Internal Medicine, University Hospital, Kyungpook National University, Korea
1994	Ph.D. Internal Medicine, Kyungpook National University, Korea
1997	Cardiology Fellowship, Division of Cardiology, Department of Internal Medicine, Kangdong Sacred Heart Hospital, College of Medicine, Hallym University, Korea

APPOINTMENTS AND PROFESSIONAL ACTIVITIES:

1997-1999	Instructor, Division of Cardiology, Department of Internal Medicine Chunchon Sacred Heart Hospital, College of Medicine, Hallym University, Korea
1999-2003	Assistant Professor, Division of Cardiology, Department of Internal Medicine Chunchon Sacred Heart Hospital, College of Medicine, Hallym University, Korea
2003-2007	Associate Professor, Division of Cardiology, Department of Internal Medicine Chunchon Sacred Heart Hospital, College of Medicine, Hallym University, Korea
2008-present	Professor, Division of Cardiology, Department of Internal Medicine Chunchon Sacred Heart Hospital, College of Medicine, Hallym University, Korea

RESEARCH FIELDS AND INTERESTS

Real-time 3-dimensional echocardiography in daily clinical practice

These days rapid evolution of ultrasound and computer technology is going on, and one can see real-time 3-dimensional echocardiography(RT3DE) without off-line image reconstruction. 2-dimensional echocardiography(2DE) helps diagnosis and decision-making in patient with cardiovascular disease, but it may have inherent limitations because everything in heart is 3-dimensional. In 3-dimensional echo LV mass and volume which are main prognostic predictor of cardiovascular events can be calculated more exactly than in 2DE. And also en-face view of congenital heart disease such as atrial septal defect and ventricular septal defect can be seen, cardiac surgeon can tailor and plan how to do it before operation. Combined technique with stress echo and contrast echo is also promising to see regional wall motion abnormality and extent of myocardial

perfusion at risk. Finally I want to do diagnostic work-up patients with heart failure noninvasively and repeatedly with 3-dimensional stress and contrast echo and find method how to detect early myocardial dysfunction and differentiate ischemic from nonischemic cause.

REPRESENTATIVE PUBLICATIONS

1. **Hong KS**: Prehypertension; review. Korean Circulation J 2008;38(1):1-6
2. Kim YM, **Hong KS**, Choi YH, Choi MG, Jeong JY, Kim DH: Rates And Related Factors Of Progression To Hypertension Among Prehypertensive Local Residents Aged 45 Or Over In Chuncheon City: Hallym Aging Study From A Community-Based Cross-Sectional Study. Korean Circulation J 2008;38(1):43-50
3. **Hong KS**, Jeong JY, Jang SN, Kang SH, Choi YH, Choi MG, Choi YJ, Kim DH: The prevalence and related risk factors of prehypertension among local residents aged 45 or over in Chuncheon city: Hallym Aging Study-A community-based cross-sectional study-. Korean Circulation J 2006;36(7):535-542
4. Doo YC, Han SJ, Han SW, Park WJ, Choi SH, Cho GY, **Hong KS**, Han KR, Lee NH, Oh DJ, Ryu KH, Rhim CY, Lee KH, Lee Y: Effect of preexisting statin use on expression of c-reactive protein, adhesion molecules, interleukin-6, and antioxidized low-density lipoprotein antibody in patients with unstable angina undergoing coronary stenting. Clin Cardiol 2005; 28:72-76
5. Doo YC, Han SJ, Park WJ, Kim SM, Choi SH, Cho GY, **Hong KS**, Han KR, Lee NH, Oh DJ, Ryu KH, Rhim CY, Lee KH, Lee Y: Association between c-reactive protein and circulating cell adhesion molecules in patients with unstable angina undergoing coronary intervention and their clinical implicaton. Clin Cardiol 2005; 28:47-51
6. Doo YC, Han SJ, Lee JH, Choi SH, Cho KY, **Hong KS**, Han KR, Lee NH, Oh DJ, Ryu KH, Rhim CY, Lee KH, Lee Y: Association among oxidized low-density lipoprotein antibody, c-reactive protein, interleukin-6, and circulating cell adhesion molecules in patients with unstable angina pectoris. Am J Cardiol 2004; 93:554-558
7. Seo JH, Song HS, Ahn JH, Yoon BI, Yang JW, Lee HR, Kin SJ, **Hong KS**, Doo YC, Oh DJ, Lee KH: Clinical outcome and ECG change in patients with acute myocardial infarction and prodromal angina. Korean Circulation J 2002;32(1):31-36
8. Doo YC, Park WJ, Park SH, Kim KH, Choi JY, Cho KY, Choi YJ, Park DG, **Hong KS**, Han KR, Lee NH, Oh DJ, Ryu KH, Rhim CY, Lee KH, Lee Y : The optimal timing to measure C-reactive protein to predict cardiac events in patients with unstable angina. Korean Circulation J 2001;31(3):290-296
9. Park DG, Oh DJ, **Hong KS**, Doo YC, Han KR, Ryu KH, Rhim CY, Lee KH, Lee Y, Chee HK, Lee WY, Kim EJ : Emergent use of intraaortic balloon pump in patients with ischemic heart disease: Clinical characteristics and determinants of survival. Korean Circulation J 2000;30(10):1213-1219
10. Han KR, Park WJ, Oh DJ, Park DG, Jung WC, Jung KJ, Yoo HS, Cho KY, Choi YJ, Doo YC, Lee NH, **Hong KS**, Ryu KH, Rhim CY, Lee KH, Lee Y: Feasibility and problems in transradial coronary angiography and intervention. Korean Circulation J 2000;30(9):1083-1091
11. Doo YC, Park WJ, Choi CH, **Hong KS**, Han KR, Oh DJ, Ryu KH, Rhim CY, Lee KH, Lee Y: The prognostic significance of Troponin-T in patients with acute myocardial infarction: Can late peak concentration of Troponin-T after myocardial infarction predict cardiovascular events? Korean Circulation J 2000;30(3): 279-286
12. **Hong KS**, Chung JH, Jun SJ, Park WH, Park HM: Doppler echocardiographic findings in mitral stenosis. Korean J Medicine 1988;34(3):387-391