

Hongsun Kim

CLINICAL FELLOW

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Cardiac Surgeon & Researcher
Interest in Aortic surgery & Thoracic transplantation

Education

College of Medicine, Sungkyunkwan University

MEDICAL DOCTOR

Seoul, Korea

2006-2012

Korean National Open University

STATISTICS AND DATA SCIENCE

2018-

Graduate School of Sungkyunkwan University

MASTER OF MEDICINE

Seoul, Korea

2015-2023

Work Experience

Samsung Medical Center

INTERN

Seoul, Korea

2012-2013

Samsung Medical Center

RESIDENT, DEPARTMENT OF THORACIC AND CARDIOVASCULAR SURGERY

Seoul, Korea

2013-2017

Masan National Tuberculosis Hospital

PUBLIC HEALTH PHYSICIAN

Changwon, Korea

2017-2020

Samsung Medical Center

CLINICAL FELLOW, DIVISION OF CARDIOVASCULAR SURGERY

Seoul, Korea

2020-2023.2

Samsung Medical Center

CLINICAL PROFESSOR, DIVISION OF CARDIOVASCULAR SURGERY

Seoul, Korea

2023.2-2023.7

Mayo Clinic

CLINICAL FELLOW, CARDIOVASCULAR SURGERY

Rochester, MN

2023.7-

Presentations

Mid-term Results of Surgical Treatment for Post-infarction Ventricular Septal Rupture: Benefits of Modified Infarct Exclusion Techniques Using Sealants (poster)

THE 22ND ANNUAL MEETING OF THE ASIAN SOCIETY FOR CARDIOVASCULAR AND THORACIC SURGERY, ISTANBUL, TURKEY

2014.4

Repair Versus Replacement in Active Native Mitral Valve Endocarditis: A Propensity Score-Matched Study

THE 36TH EUROPEAN ASSOCIATION FOR CARDIO-THORACIC SURGERY ANNUAL MEETING, OCTOBER 2022, MILAN, ITALY

2022.1

Prophylactic surgery reduces aortic reoperation in Loeys-Dietz syndrome: the importance of early diagnosis (poster)

THE 31ST ANNUAL MEETING OF THE ASIAN SOCIETY FOR CARDIOVASCULAR AND THORACIC SURGERY, ISTANBUL, TURKEY

2023.6

Clinical outcomes of surgical repair in mycotic aortic aneurysm: A 14-year single-center experience (poster)

THE 31ST ANNUAL MEETING OF THE ASIAN SOCIETY FOR CARDIOVASCULAR AND THORACIC SURGERY, ISTANBUL, TURKEY

2023.6

The Role of Residual AR Jet Flow Direction in Valve-Sparing Root Replacement (poster)

THE 31ST ANNUAL MEETING OF THE ASIAN SOCIETY FOR CARDIOVASCULAR AND THORACIC SURGERY, ISTANBUL, TURKEY

2023.6

Publications

1. **Kim, H.**, Lee, J. H., Chung, S. R., Park, P. W., Park, T. K., Kang, I. S., Huh, J., Kim, D. K., Cho, Y. H., & Sung, K. (2024). Impact of early diagnosis on surgical outcomes in patients with Loeys-Dietz syndrome. *Front Cardiovasc Med*, 11, 1429222. <https://doi.org/10.3389/fcvm.2024.1429222>
2. **Kim, H.**, Lee, O. J., Lee, J. H., Kim, Y. J., Chung, S. R., Park, T. K., Kim, D. K., Park, P. W., & Sung, K. (2024). Impact of the grade and jet-flow direction of residual aortic regurgitation after valve-sparing root replacement. *J Thorac Cardiovasc Surg*. <https://doi.org/10.1016/j.jtcvs.2024.09.033>
3. **Kim, H.**, & Cho, Y. H. (2020). Role of extracorporeal cardiopulmonary resuscitation in adults. *Acute Crit Care*, 35(1), 1–9. <https://doi.org/10.4266/acc.2020.00080>
4. **Kim, H.**, Cho, J. H., Sonn, C. H., Kim, J. W., Choi, Y., Lee, J., & Kim, J. (2017). Circulating Aneuploid Cells Detected in the Blood of Patients with Infectious Lung Diseases. *Korean J Thorac Cardiovasc Surg*, 50(2), 126–129. <https://doi.org/10.5090/kjtcs.2017.50.2.126>
5. **Kim, H.**, Kim, J., Cho, J. H., Shin, S. M., **Kim, H. K.**, & Kim, J. (2017). Right Lower Sleeve Bilobectomy for Lung Cancer with Posteparterial Tracheal Bronchus. *Korean J Thorac Cardiovasc Surg*, 50(4), 300–304. <https://doi.org/10.5090/kjtcs.2017.50.4.300>
6. **Kim, H.**, Kim, Y., Cho, J. H., & Min, Y. W. (2017). Internal Drainage of an Esophageal Perforation in a Patient with a High Surgical Risk. *Korean J Thorac Cardiovasc Surg*, 50(5), 395–398. <https://doi.org/10.5090/kjtcs.2017.50.5.395>
7. **Kim, H.**, Yang, J. H., Cho, Y. H., Jun, T. G., Sung, K., & Han, W. (2017). Outcomes of Extracorporeal Membrane Oxygenation in Children: An 11-Year Single-Center Experience in Korea. *Korean J Thorac Cardiovasc Surg*, 50(5), 317–325. <https://doi.org/10.5090/kjtcs.2017.50.5.317>