



# Hongsun Kim

CLINICAL FELLOW

Department of Cardiovascular Surgery, Mayo Clinic, Rochester, MN

+1 213 563 1989 | [kim.hongsun@mayo.edu](mailto:kim.hongsun@mayo.edu), [yoursunny@gmail.com](mailto:yoursunny@gmail.com)

[hongsun-kim](#) | [0000-0002-1879-4553](#) | [Hongsun-Kim-2](#)

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

### 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

### Impact of the Grade and Jet Direction of Residual Aortic Regurgitation following Valve-sparing Root Replacement

THE 104TH AMERICAN ASSOCIATION FOR THORACIC SURGERY ANNUAL MEETING, APRIL 2024, TORONTO, CANADA

2024.4

## 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/10.1016/j.kjtc.2017.03.001>

[//doi.org/10.5090/kjtcs.2017.50.2.126](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>