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Clinical Fellow

*Cardiac Surgeon & Researcher
Interest in Aortic surgery & Thoracic transplantation*

Education

2006-2012 **Medical Doctor**, College of Medicine, Sungkyunkwan University, Seoul, Korea.

2018- **Statistics and Data Science**, Korean National Open University.

2015-2023 **Master of Medicine**, Graduate School of Sungkyunkwan University, Seoul, Korea.

Work Experience

2012-2013 **Intern**, Samsung Medical Center, Seoul, Korea.

2013-2017 **Resident, Department of Thoracic and Cardiovascular Surgery**, Samsung Medical Center, Seoul, Korea.

2017-2020 **Public Health Physician**, Masan National Tuberculosis Hospital, Changwon, Korea.

2020-2023.2 **Clinical Fellow, Division of Cardiovascular Surgery**, Samsung Medical Center, Seoul, Korea.

2023.2- **Clinical Professor, Division of Cardiovascular Surgery**, Samsung Medi-
2023.7 cal Center, Seoul, Korea.

2023.7- **Clinical Fellow, Cardiovascular Surgery**, Mayo Clinic, Rochester, MN.

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Presentations

- 2022.1 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
- 2024.4 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

Publications

1. 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>
2. 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>
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., 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>
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., 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>

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