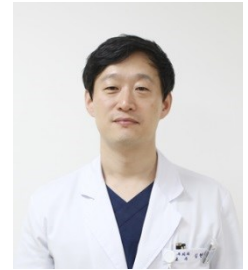


Hyun Koo Kim

● **Education**

- Korea University, College of Medicine, Department of Thoracic and Cardiovascular Surgery, 2004 (Ph. D.)
- Korea University, College of Medicine, Department of Thoracic and Cardiovascular Surgery, 2000 (M.S.)
- Korea University, College of Medicine, 1996 (B. S.)



● **Professional Career**

- Chair, Korea University, College of medicine, Department of Thoracic and Cardiovascular Surgery: 2016-Current
- Professor, Korea University, College of Medicine, Department of Thoracic and Cardiovascular Surgery: 2015- Current
- Associate Professor, Korea University, College of Medicine, Department of Thoracic and Cardiovascular Surgery: 2010-2015
- Assistant Professor, Korea University, College of Medicine, Department of Thoracic and Cardiovascular Surgery: 2007-2010
- Clinical Assistant Professor, Korea University, College of Medicine, Department of Thoracic and Cardiovascular Surgery: 2005-2007

● **Honors**

- The Korean Association for the Study of Lung Cancer, A best presentation Award: 2017
- The Korea University Seok Tap Research Award: 2016
- ESTS-GRILLO Award, European Society of Thoracic Surgeons:2015
- The Korean Bronchoesophagological Society, Dong A best presentation award: 2015
- The Korean Bronchoesophagological Society, Dong A best presentation award: 2014
- Best Surgical Movie Award: 2013
- The Korean Bronchoesophagological Society, Dong A best presentation award: 2012
- 10th International Conference of the Asian Clinical Oncology Society, Merit Award: 2012
- The Korean Cancer Association GSK Award: 2011
- The Korean Association for the Study of Lung Cancer, Dong A best presentation Award: 2010
- The Korean Bronchoesophagological Society, Dong A best presentation award: 2010
- The Korea University Medical College Alumni, The best article: 2005

● **National Funding**

- Korean Health Technology R&D Project, Ministry of Health & Welfare, Republic of Korea (2017)
- National Research Foundation of Korea (NRF), Ministry of Education, Science and Technology (No. 2015R1A2A2A04005760)
- Korean Health Technology R&D Project, Ministry of Health & Welfare, Republic of Korea (No. A121074)
- National Research Foundation of Korea (NRF), Ministry of Education, Science and Technology (No. 2012012166)
- Technology Innovation Program, Ministry of Trade, industry & Energy (No. 10049039)
- National Research Foundation of Korea (NRF), Ministry of Education, Science and Technology (No. 2012012166)
- Korean Health Technology R&D Project, Ministry of Health, Welfare and Family Affairs, Republic of Korea (A070001)

● **Selected Publications (First or Corresponding Author)**

- Midterm outcomes of single port thoracoscopic surgery for major pulmonary resection. Han KN, Kim HK, Choi YH. *PLoS One*. 2017 Nov 14;12(11)
- Uniportal Video-Assisted Thoracoscopic Surgery Segmentectomy. Kim HK, Han KN. *Thorac Surg Clin*. 2017 Nov;27(4):387-398.
- Real-time computed tomography fluoroscopy-guided solitary lung tumor model in a rabbit. B.H. Choi, Y.H. Quan, H.K. Kim, J.S. Eo, H.S. Young, J.Y. Rho, K.N. Han, Y.H. Choi, *PLOS ONE*, 2017 Jun 13;12(6).
- The predictive accuracy of sentinel nodes mapping in the setting of pulmonary metastasectomy. Kim HK, Lee K, Han KN, Eo JS, Kim S, Choi YH. *Clin Exp Metastasis*. 2017 Feb;34(2):125-131.
- Clinical innovations in minimally invasive surgery in Korea. Han KN, Kim HK, Choi YH. *J Thorac Dis*. 2016 (Suppl 8):S627-30.
- Effect of the Nuss Procedure on the Physical Development of Patients with Pectus Excavatum. Kim HK, Yoon JY, Han KN, Choi YH. *Ann Thorac Cardiovasc Surg*. 2016 Dec 20;22(6):327-332
- Macrophage-Targeted Indocyanine Green-Neomannosyl Human Serum Albumin for Intraoperative Sentinel Lymph Node Mapping in Porcine Esophagus. Kim HK, Quan YH, Oh Y, Park JY, Park JH, Choi Y, Lee YS, Jeong JM, Choi YH, Kim BM. *Ann Thorac Surg*. 2016, 102(4):1149-55.
- Single-port thoracoscopic surgery for pneumothorax under two-lung ventilation with carbon dioxide insufflation. Han KN, Kim HK, Lee HJ, Lee DK, Kim H, Lim SH, Choi YH. *J Thorac Dis*. 2016;8(6):1080-6.
- Uniportal video-assisted thoracoscopic surgical (VATS) segmentectomy with preoperative dual localization: right upper lobe wedge resection and left upper lobe upper division segmentectomy. Han KN, Kim HK, Choi YH. *Ann Cardiothorac Surg*. 2016 5(2):147-50.
- Comparison of single port versus multiport thoracoscopic segmentectomy. Han KN, Kim HK, Choi YH. *J Thorac Dis*. 2016 8(Suppl 3):S279-86.
- Single-port video-assisted thoracoscopic pulmonary segmentectomy: a report on 30 cases. Han KN, Kim HK, Lee HJ, Choi YH. *Eur J Cardiothorac Surg*. 2016 49 Suppl 1:i42-7.
- Pulmonary Function Changes Over 1 Year After Lobectomy in Lung Cancer. Kim HK, Lee YJ, Han KN, Choi YH. *Respir Care*. 2016 61(3):376-82.
- Intraoperative pulmonary neoplasm identification using near-infrared fluorescence imaging. *Eur J Cardiothorac Surg*. Kim HK, Quan YH, Choi BH, Park JH, Han KN, Choi Y, Kim BM, Choi YH., **2016**. 49.1497

- Intraoperative fluorescence image-guided pulmonary segmentectomy. Oh Y, Quan YH, Kim M, Kim BM, Kim HK., *J Surg Res.* **2015.** 199.287
- Single-Port Video-Assisted Thoracoscopic Major Lung Resections: Experience with 150 Consecutive Cases. Ng CS, Kim HK, Wong RH, Yim AP, Mok TS, Choi YH. *Thorac Cardiovasc Surg.* 2016, 64(4):348-53.
- The feasibility of single-incision video-assisted thoracoscopic major pulmonary resection performed by surgeons experienced with a two-incision technique. Kim HK, Choi YH. *Interact Cardiovasc Thorac Surg.* 2015, 20(3):310-5.
- Optimal Respiratory Rate for Low-Tidal Volume and Two-Lung Ventilation in Thoracoscopic Bleb Resection. Lee DK, Kim HK, Lee K, Choi YH, Lim SH, Kim H. *J Cardiothorac Vasc Anesth.* 2015, 29(4):972-6.
- Gallium-68 neomannosylated human serum albumin-based PET/CT lymphoscintigraphy for sentinel lymph node mapping in non-small cell lung cancer. Eo JS, Kim HK, Kim S, Lee YS, Jeong JM, Choi YH, *Ann Surg Oncol.* **2015.** 22.636
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- Highly sensitive and selective anticancer effect by conjugated HA-cisplatin in non-small cell lung cancer overexpressed with CD44. Quan YH, Kim B, Park JH, Choi Y, Choi YH, Kim HK. *Exp Lung Res.* **2014.** 40.475
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- Needlescopy-assisted resection of pulmonary nodule after dual localisation. Kang DY, Kim HK, Kim YK, Yong HS, Kang EY, Choi YH.

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