

Curriculum Vitae

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Education/scholarship

Year	College	Major	Degree
2003. 3 ~ 2007. 2	College of Medicine, Seoul National University	Medicine	Bachelor's degree
2011. 3 ~ 2013. 2	College of Medicine, Seoul National University	Anesthesiology and Pain Medicine	Master's degree
2013. 3 ~ 2015. 2	College of Medicine, Seoul National University	Anesthesiology and Pain Medicine	Doctor of Philosophy

Experience

Year	Affiliation	Position
2007. 3 ~ 2008. 2	Seoul National University Hospital	Internship
2008. 3 ~ 2012. 2	Department of Anesthesiology and Pain Medicine, Seoul National University Hospital	Resident

2012. 3 ~ 2013. 2	Department of Anesthesiology and Pain Medicine, Seoul National University Hospital	Fellow
2013. 3 ~ 2014. 2	Department of Anesthesiology and Pain Medicine, Seoul National University Hospital	Research professor
2014. 3 ~ 2020.2	Department of Anesthesiology and Pain Medicine, Seoul National University Hospital	Clinical assistant professor
2020. 3 ~	Department of Anesthesiology and Pain Medicine, Seoul National University Hospital	Clinical associate professor

Publications

1. Lee JH, Park YH, Byon HJ, Kim HS, Kim CS, Kim JT: Effect of remote ischaemic preconditioning on ischaemic-reperfusion injury in pulmonary hypertensive infants receiving ventricular septal defect repair. *British journal of anaesthesia* 2012, 108(2):223-228.
2. Park YH, Lee JH, Song HG, Byon HJ, Kim HS, Kim JT: The accuracy of noninvasive hemoglobin monitoring using the radical-7 pulse CO-Oximeter in children undergoing neurosurgery. *Anesthesia and analgesia* 2012, 115(6):1302-1307.
3. Byon HJ, Lee GW, Lee JH, Park YH, Kim HS, Kim CS, Kim JT: Comparison between ultrasound-guided supraclavicular and infraclavicular approaches for subclavian venous catheterization in children--a randomized trial. *British journal of anaesthesia* 2013, 111(5):788-792.
4. Byon HJ, Lim CW, Lee JH, Park YH, Kim HS, Kim CS, Kim JT: Prediction of fluid responsiveness in mechanically ventilated children undergoing neurosurgery. *British journal of anaesthesia* 2013, 110(4):586-591.
5. Jang YE, Lee JH, Park YH, Byon HJ, Kim HS, Kim CS, Kim JT: The effect of lung deflation on the position of the pleura during subclavian vein cannulation in infants receiving mechanical ventilation: an ultrasound study. *Anaesthesia* 2013, 68(10):1066-1070.
6. Kang SH, Song I, Kang JE, Lee JH, Kim JT: Anesthetic management for transfusion-free Rastelli's procedure in a pediatric Jehovah's Witness patient. *Korean journal of anesthesiology* 2013, 65(6 Suppl):S87-88.
7. Kim H, Jeong CH, Byon HJ, Shin HK, Yun TJ, Lee JH, Park YH, Kim JT: Predicting the optimal depth of left-sided central venous catheters in children. *Anaesthesia* 2013, 68(10):1033-1037.
8. Lee JH, Park YH, Byon HJ, Han WK, Kim HS, Kim CS, Kim JT: A comparative trial of the GlideScope(R) video laryngoscope to direct laryngoscope in children with difficult direct laryngoscopy and an evaluation of the effect of blade size. *Anesthesia and analgesia* 2013, 117(1):176-181.
9. Park HP, Hwang JW, Lee JH, Nahm FS, Park SH, Oh AY, Jeon YT, Lim YJ: Predicting the appropriate uncuffed endotracheal tube size for children: a radiograph-based formula versus two age-based formulas. *Journal of clinical anesthesia* 2013, 25(5):384-387.

10. Lee HC, Nam K, Lee JH, Park YH, Kim HS, Kim CS, Kim JT: Anesthetic management of laparoscopic pheochromocytoma excision in a patient with a Fontan circulation: a case report. *Korean journal of anesthesiology* 2014, 66(3):252-255.
11. Lee JH, Lee HC, Jeon YT, Hwang JW, Lee H, Oh HW, Park HP: Clinical outcomes after unplanned extubation in a surgical intensive care population. *World journal of surgery* 2014, 38(1):203-210.
12. Lee JH, Park YH, Kim JT, Kim CS, Kim HS: The effect of sevoflurane and ondansetron on QT interval and transmural dispersion of repolarization in children. *Paediatric anaesthesia* 2014, 24(4):421-425.
13. Lee JH, Park YH, Song HG, Park HP, Kim HS, Kim CS, Kim JT: The effect of lidocaine on apoptotic neurodegeneration in the developing mouse brain. *Korean journal of anesthesiology* 2014, 67(5):334-341.
14. Lee J-H, Park Y-H, Kim J-T: Current Use of Noninvasive Hemoglobin Monitoring in Anesthesia. *Curr Anesthesiol Rep* 2014, 4(3):233-241.
15. Park YH, Lee JH, Byon HJ, Kim HS, Kim JT: Transthoracic echocardiographic guidance for obtaining an optimal insertion length of internal jugular venous catheters in infants. *Paediatric anaesthesia* 2014, 24(9):927-932.
16. Kang JE, Park SK, Song IK, Lee JH, Kim JT, Kim HS: Comparison of the efficacy and safety of different doses of propacetamol for postoperative pain control after breast surgery. *Pain Manag Nurs* 2015, 16(3):367-371.
17. Kang JE, Song IK, Lee JH, Hur M, Kim JT, Kim HS: Pulse transit time shows vascular changes caused by propofol in children. *Journal of clinical monitoring and computing* 2015, 29(4):533-537.
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22. Lee JH, Yoo EK, Song IK, Kim JT, Kim HS: Effect of ramosetron on the QT interval during sevoflurane anaesthesia in children: a prospective observational study. *European journal of anaesthesiology* 2015, 32(5):330-335.

23. Park YH, Chung EJ, Lee JH, Kim JT, Kim CS, Kim HS: Determination of the 95% effective dose of remifentanyl for the prevention of coughing during extubation in children undergoing tonsillectomy (with or without adenoidectomy). *Paediatric anaesthesia* 2015.
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45. Kang P, Jang YE, Kim EH, Lee JH, Kim JT, Kim HS: Safety and efficacy of propofol anesthesia for pediatric target-controlled infusion in children below 3 years of age: a retrospective observational study. *Expert opinion on drug safety* 2018:1-7.
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47. Kim EH, Song KY, Song IK, Lee JH, Jang YE, Kim HS, Lee SH, Kim JT: An observational study of the optimal placement of a cerebral oximeter probe to avoid the frontal sinus in children. *Journal of clinical monitoring and computing* 2018, 32(5):849-854.

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49. Lee JH, Jang YE, Kim EH, Kim HS, Kim JT: Flexion decreases the ventilation quality of the Ambu((R)) AuraGain laryngeal mask in paralysed children: A prospective randomised crossover study. *Acta Anaesthesiol Scand* 2018.
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- Systematic Review and Meta-Analysis. *J Korean Med Sci* 2019; 34: e124
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 62. Jang YE, Kwak JG, Min JC, Kim EH, Kim JT, Kim HS, Lee JH: Iatrogenic Mitral Regurgitation After Muscular Ventricular Septal Defect Repair Detected by Transesophageal Echocardiography in a Pediatric Patient. *A A Pract* 2019; 12: 218-220
 63. Ji SH, Song IK, Jang YE, Kim EH, Lee JH, Kim JT, Kim HS: Comparison of pulse pressure variation and pleth variability index in the prone position in pediatric patients under 2 years old. *Korean J Anesthesiol* 2019; 72: 466-471
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 68. Lee JH, Kang PY, Jang YE, Kim EH, Kim JT, Kim HS: A pharmacodynamic model of respiratory rate and end-tidal carbon dioxide values during anesthesia in children. *Acta Pharmacol Sin* 2019; 40: 642-647
 69. Lee JH, Kim EH, Jang YE, Kim HS, Kim JT: Fluid responsiveness in the pediatric population. *Korean J Anesthesiol* 2019; 72: 429-440
 70. Lee JH, Kim EH, Jang YE, Kim HS, Kim JT: Corrigendum: Fluid responsiveness in the pediatric population. *Korean J Anesthesiol* 2019; 72: 624
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81. Ji SH, Jang HS, Jang YE, Kim EH, Lee JH, Kim JT, Kim HS: Effect of spontaneous breathing on atelectasis during induction of general anaesthesia in infants: A prospective randomised controlled trial. *Eur J Anaesthesiol* 2020; 37: 1150-1156
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87. Lee JH, Choi S, Ji SH, Jang YE, Kim EH, Kim HS, Kim JT: Effect of an ultrasound-guided lung

- recruitment manoeuvre on postoperative atelectasis in children: A randomised controlled trial. *Eur J Anaesthesiol* 2020; 37: 719-727
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