

# 6<sup>th</sup> APELSO 2023 &

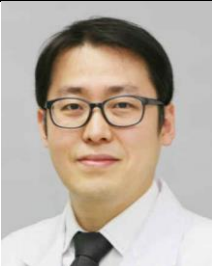
## The 55<sup>th</sup> Annual Scientific Meeting of the Korean Society for Thoracic & Cardiovascular Surgery

*"Post Pandemic, New Standards"*

November 2(Thu) ~ 4(Sat), 2023 | Grand Intercontinental Seoul Parnas, Seoul, Korea



### Curriculum Vitae

<b>Name</b>	<b>First Name</b>	Seok In	<b>Last Name</b>	Lee
<b>Country</b>	Republic of Korea			
<b>Affiliation</b>	Gachon Univ. Gil Medical Center			
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#### Educational Background

1997 - 2001 Korea University, Bachelor of Science in Earth and Environmental Sciences

2005 - 2009 Gachon University College of Medicine

#### Professional Career

2009 – 2014 Intern and Resident, Catholic Medical Center, Department of thoracic and cardiovascular surgery

2014 – 2016 Fellowship, Asan Medical Center, Department of adult cardiac surgery

2016 – 2019 Clinical assistant professor, Gil Medical Center, Department of thoracic and cardiovascular surgery

2019 - Assistant professor, Gil Medical Center, Department of thoracic and cardiovascular surgery

#### Research Field

#### Papers, Books, etc. presented or published by your name

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- 1) Lee SI, Shin MS, Lee JS, Chung WJ, Shim EO, Kang WC, Moon CI, Ahn TH, Choi IS, Shin EK. Global Circumferential Strain by 2-Dimensional Speckle Tracking Method for the Evaluation of the Left Ventricular Function. Korean Circ J 2008;38:379-386.
- 2) Kim JJ, Park JK, Wang YP, Lee SI. Primary Pleural Small Cell Carcinoma. Korean J Thorac Cardiovasc Surg. 2010;43:829-32.
- 3) Kim JJ, Park JK, Wang YP, Sung SW, Park HJ, Lee SI. Total gastrectomy in gastric conduit cancer. Korean J Thorac Cardiovasc Surg. 2012 Feb;45:53-5.
- 4) Kang J, Song H, Lee SI, Moon MH, Kim HW, Jo GH. Hybrid coronary revascularization using limited incisional full sternotomy coronary artery bypass surgery in multivessel disease: early results. Korean J Thorac Cardiovasc Surg. 2014 Apr;47:106-10.
- 5) Lee SI, Kim HJ, Kim JB, Jung S-H, Choo SJ, Chung CH, Lee JW. Medtronic Duran AnCore versus Edwards MC3 rings for tricuspid annuloplasty. interact CardioVasc Thorac Surg. 2017 Jun 1;24:848-854.
- 6) Lee SI, Lee KS, Kim JB, Choo SJ, Chung CH, Lee JW, Jung SH. Early Antithrombotic Therapy after Bioprosthetic Aortic Valve Replacement in Elderly Patients: A Single-Center Experience. Ann Thorac Cardiovasc Surg. 2017 Jun 20;23:128-134.
- 7) Cho DG, Lee SI, Chang YJ, Cho KD, Cho SK. Thoracoscopic Bilateral Bullectomy for Simultaneously Developed Bilateral Primary Spontaneous Pneumothorax: Ipsilateral Transmediastinal versus Bilateral Sequential Approach. Thorac Cardiovasc Surg. 2017 Jan;65:56-60.
- 8) Lee SI, Choi CH, Park KY, Park C-H. A "floppy hat"-shaped reconstruction for giant coronary ostial-aneurysms after a Bentall operation. J Card Surg. 2017 Feb;32:88-90.
- 9) Lee SI, Lee SY, Choi CH, Park KY, Park CH. Left Heart Decompression in Acute Complicated Myocardial Infarction During Extracorporeal Membrane Oxygenation. J Intensive Care Med. 2017 Jul;32:405-408.
- 10) Lee SI, Hwang HJ, Lee SY, Choi CH, Park CH, Park KY, Kim YJ. Veno-veno-arterial extracorporeal membrane oxygenation for acute respiratory distress syndrome with septic-induced cardiomyopathy due to severe pulmonary tuberculosis. J Artif Organs. 2017 Dec;20:359-364.
- 11) Son KH, Lee SI, Choi CH, Park CH. Mechanical Failure of Extracorporeal Membrane Oxygenation Induced by Hypertriglyceridemia. Ann Thorac Surg. 2017 Jul;104:e85.
- 12) Lee SI, Son KH, Park KY, Park CH, Choi CH. What Treatments Are Needed After Confirming Spontaneous Echo Contrast During ECMO? Ann Thorac Surg. 2017 Nov;104:1758.
- 13) Lee SI, Lee SY, Choi CH, Park KY, Park CH. Spontaneous Echo Contrast Mistaken for Left Ventricular Thrombus during Venoarterial Extracorporeal Membrane Oxygenation. Korean J Crit Care Med. 2017 Nov;32:372-375.
- 14) Lee SI, Choi CH, Park KY, Park CH. Explantation of a failed endovascular stent graft in a patient with a type B dissection. J Card Surg. 2018; 33:282-285.
- 15) Lee SI, LEE S Y, Choi CH, Park CH, Park KY, Son KH, Relation between changes in red blood cell distribution width after coronary artery bypass grafting and early postoperative morbidity, J Thorac Dis 2018;10:4244-4254.

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- 16) Lee SI, Kim YJ, Park KY, Park CH. Rapid evaluation of acute pulmonary embolism with thromboembolism-in-transit. *J Card Surg.* 2019 Apr;34:202-204.
- 17) Lee SI, Park CH, Kang WC, Oh PC. Computerized Tomography is an Effective Modality to Evaluate Iatrogenic Aortocoronary Dissection with Acute Myocardial Infarction. *Korean Circ J.* 2019 Apr;49:363-365.
- 18) Lee SI, Ko KP, Choi CH, Park CH, Park KY, Son KH. Does the prognostic nutritional index have a predictive role in the outcomes of adult cardiac surgery?. *J Thorac Cardiovasc Surg.* 2020;160:145-153.
- 19) Ji M, Lee SI, Lee SA, Son KH, Hong JH. Enhanced Activity by NKCC1 and Slc26a6 Mediates Acidic pH and Cl<sup>-</sup> Movement after Cardioplegia-Induced Arrest of db/db Diabetic Heart. *Mediators Inflamm.* 2019 Sep 8;2019:7583760. doi: 10.1155/2019/7583760. eCollection 2019.
- 20) Lee SI, Lim YS, Park C-H, Choi WS, Choi CH. Importance of pulse pressure after extracorporeal cardiopulmonary resuscitation. *J Card Surg.* 2021;36: 2743-2750.
- 21) Lee SI, Choi CH, Park KY, Park CH. "Wings of a Butterfly" Technique in Modified Bentall's Procedure. *Thorac Cardiovasc Surg.* 2022 Jun;70:339-340.
- 22) Lee SI, Choi CH, Park KY, Park CH. Pulmonary Vein Extension for Large Left Atrium Size Mismatch During Heart Transplantation. *Ann Thorac Surg.* 2022 Jun 23:S0003-4975(22)00843-8.
- 23) Ko UW, Choi CH, Park CH, Lee SI. Alternative position of cannulae in veno-venous extracorporeal membrane oxygenation for maintaining sufficient flow support. *Gen Thorac Cardiovasc Surg.* 2023 Jun;71(6):369-372.
- 24) Lee SI, Choi CH, Park CH, Son KH. Nutritional indices for screening sarcopenia before adult cardiac surgery. *J Thorac Dis.* 2023 Jun 30;15(6):3307-3318.
- 25) Lee SI, Son KH, Park CH. Optimal Dose Warfarin for Asian Patients after Mitral Valve Replacement. *Ann Thorac Surg.* 2023 Jun 9:S0003-4975(23)00583-0
- 26) Lee SI, Choi CH, Son KH, Park CH. Early versus Delayed Re-exploration. *Ann Thorac Surg.* 2023 Apr 11:S0003-4975(23)00368-5.