

6th APEL SO 2023 &


The 55th 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

Name	First Name	Ji-Hyuk	Last Name	Yang
Country	Republic of Korea			
Affiliation	Chief, Division of Cardiac Surgery, Samsung Medical Center Professor, Department of Thoracic and Cardiovascular Surgery, Sungkyunkwan University School of Medicine			
E-mail	bestsurgeon@gmail.com			

Educational Background

- ~1995 Seoul National University College of Medicine (MD)
- 2005 Seoul National University College of Medicine, Postgraduate School (Master's degree)
- 2010 Seoul National University College of Medicine, Postgraduate School (PhD)

Professional Career

- 1995~1996 Internship, Seoul National University Hospital
- 1996~2000 Cardiothoracic Surgery Residency, Seoul National University Hospital
- 2002~2003 Chief of Cardiothoracic Surgery, Armed Forces Seoul Hospital
- 2003~2005 Clinical fellowship in Cardiac Surgery, Samsung Medical Center
- 2005~2007 Clinical Assistant Professor, Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center
- 2007 ~ 2011 Assistant Professor, Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine
- 2011 ~ 2017 Associate Professor, Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine
- 2011 ~ 2012 Visiting scholar at Lucile Packard Children's Hospital, Stanford University
- 2017 ~ Professor, Department of Thoracic and Cardiovascular Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine

Research Field

Congenital Cardiac Surgery
ECMO
Mechanical Circulatory Support
Cardiopulmonary Bypass

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

6th APELSO 2023 &

The 55th 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



Papers related to ECLS and mechanical circulatory support

- Management of Cannula Wound Problems with Vacuum-Assisted Therapy for a Child Who Received Berlin Heart EXCOR Implantation. *J Chet Surg* 2023 Mar 5;56(2):147-150
- Impact of age on the outcomes of extracorporeal cardiopulmonary resuscitation: analysis using inverse probability of treatment weighting. *Eur J Cardiothorac Surg*. 2021 Dec 1;60(6):1318-1324.
- Extracorporeal Membrane Oxygenation for Fulminant Myocarditis: Increase of Cardiac Enzyme and SOFA Score Is Associated with High Mortality. *J Clin Med*. 2021 Apr 6;10(7):1526.
- Impact of a Multidisciplinary Team Approach on Extracorporeal Circulatory Life Support-Bridged Heart Transplantation. *J Chest Surg*. 2021 Apr 5;54(2):99-105.
- Use of extracorporeal membrane oxygenation in postpartum patients with refractory shock or respiratory failure. *Sci Rep*. 2021 Jan 13;11(1):887.
- Left Ventricular Assist Device Implantation via Dual Left Thoracotomy in an Adult Patient with Congenitally Corrected Transposition of the Great Arteries. *Korean J Thorac Cardiovasc Surg*. 2020 Oct 5;53(5):306-309.
- Target Temperature Management May Not Improve Clinical Outcomes of Extracorporeal Cardiopulmonary Resuscitation. *J Intensive Care Med*. 2019 Oct;34(10):790-796.
- Left heart decompression at venoarterial extracorporeal membrane oxygenation initiation in cardiogenic shock: prophylactic versus therapeutic strategy. *J Thorac Dis*. 2019 Sep;11(9):3746-3756.
- Outcomes of Coronary Artery Bypass Grafting after Extracorporeal Life Support in Patients with Cardiac Arrest or Cardiogenic Shock. *Korean J Thorac Cardiovasc Surg*. 2019 Apr;52(2):70-77
- Use of argatroban for extracorporeal life support in patients with nonheparin-induced thrombocytopenia: Analysis of 10 consecutive patients. *Medicine (Baltimore)*. 2018 Nov;97(47):e13235.
- Outcomes of Extracorporeal Membrane Oxygenation in Children: An 11-Year Single-Center Experience in Korea. *Korean J Thorac Cardiovasc Surg*. 2017 Oct;50(5):317-325.
- Inter-Facility Transport on Extracorporeal Life Support: Clinical Outcomes and Comparative Analysis with In-house Patients. *Korean J Thorac Cardiovasc Surg*. 2017 Oct;50(5):363-370.
- The Outcome of Extracorporeal Life Support After General Thoracic Surgery: Timing of Application. *Ann Thorac Surg*. 2017 Aug;104(2):450-457.
- Predictors of neurological outcomes after successful extracorporeal cardiopulmonary resuscitation. *BMC Anesthesiol* 2015 Mar 8;15:26.
- Inter-Hospital Transportation of Patients on Extracorporeal Life Support: A Single Center Experience. *Korean J Crit Care Med* 2014 May 29(2);83-87
- Transformation of percutaneous extracorporeal life support to paracorporeal ventricular assist device: a case report. *Korean J Thorac Cardiovasc Surg*. 2014 Aug;47(4):409-12.
- 2009 H1N1 influenza virus infection and necrotizing pneumonia treated with extracorporeal membrane oxygenation. *Korean J Pediatr* 2011;54(8):345-9. Epub 2011 Aug 31.
- Two cases of neonatal persistent pulmonary hypertension treated by veno-venous extracorporeal membrane oxygenation (V-V ECMO). *J Korean Soc Neonatol* 2010;17(1):109-115
- Veno-venous extracorporeal membrane oxygenation with a double lumen catheter for pediatric pulmonary support. *Korean J Thorac Cardiovasc Surg*. 2010;43(2):168-171.
- Extracorporeal oxygenation support for curative surgery in a patient with papillary thyroid carcinoma invading the trachea. *J*

6th APELSO 2023 &

The 55th 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



Laryngol Otol 2009;123(7):807-810

- Improved survival after cardiac arrest using emergent autoprimering percutaneous cardiopulmonary support. Ann Thorac Surg 2006;82:651-6
- End-point temperature of rewarming after hypothermic cardiopulmonary bypass in pediatric patients. Artif Organs 2005 Nov;29(11):876-9
- Short-term mechanical circulatory support with centrifugal pump in cardiac arrest or cardiogenic shock. Korean J Thorac Cardiovasc Surg 2004;37:1003-1009

Letter

- Improving the Outcome of Extracorporeal Cardiopulmonary Resuscitation: A View From the Program Director. Ann Thorac Surg. 2016 May;101(5):2028.

Book Chapter

- Mechanical circulatory assist. In Cardiac surgery, 1st ed., Seoul: Korea Medical Book Publisher 2011