

Stanford

Kyong-Jin Lee

Clinical Professor, Pediatrics - Cardiology

CLINICAL OFFICES

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Bio

CLINICAL FOCUS

- Pediatrics
- Pediatric Cardiology
- Cardiac Catheterization
- Echocardiography

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Cardiology
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Board Certification: Pediatrics, Royal College of Physicians and Surgeons of Canada (1994)
- Fellowship: Hospital for Sick Children Pediatric Cardiology (1998) Canada
- Board Certification: Pediatric Cardiology, Royal College of Physicians and Surgeons of Canada (1997)
- Fellowship: Hospital for Sick Children Pediatric Cardiology (1997) Canada
- Residency: Hospital For Sick Children (1994) Canada
- Internship: University of Toronto (1990) Canada
- Medical Education: University of Toronto MD Program (1989) Canada

Publications

PUBLICATIONS

- **The COAST Is Not Clear: Late Aneurysms and Fractures.** *Circulation. Cardiovascular interventions*
Adamson, G. T., Lee, K. J.
2021: CIRCINTERVENTIONS121010886
- **Balloon Angioplasty for Native Aortic Coarctation in 3- to 12-Month-Old Infants.** *Circulation. Cardiovascular interventions*
Sandoval, J. P., Kang, S. L., Lee, K. J., Benson, L., Asoh, K., Chaturvedi, R. R.
2020; 13 (11): e008938
- **Using the arterial cannula for cardiac catheterization in neonates and small infants supported by extracorporeal membrane oxygenation.** *The Journal of thoracic and cardiovascular surgery*

- Kang, S. L., Lee, K. J., Stanisic, A., Chaturvedi, R. R.
2019
- **Automated 3-Dimensional Single-Beat Real-Time Volume Colour Flow Doppler Echocardiography in Children: A Validation Study of Right and Left Heart Flows.** *The Canadian journal of cardiology*
Kato, A., Sandoval, J. P., Mroczek, D., Chaturvedi, R., Houle, H., Georgescu, B., Yoo, S. J., Benson, L. N., Lee, K. J.
2018; 34 (6): 726-735
 - **Right Ventricular Outflow Tract Stenting in Tetralogy of Fallot Infants With Risk Factors for Early Primary Repair.** *Circulation. Cardiovascular interventions*
Sandoval, J. P., Chaturvedi, R. R., Benson, L., Morgan, G., Van Arsdell, G., Honjo, O., Caldarone, C., Lee, K. J.
2016; 9 (12)
 - **Pulmonary artery stenosis in hybrid single-ventricle palliation: High incidence of left pulmonary artery intervention.** *The Journal of thoracic and cardiovascular surgery*
Rahkonen, O., Chaturvedi, R. R., Benson, L., Honjo, O., Caldarone, C. A., Lee, K. J.
2015; 149 (4): 1102-10.e2
 - **Percutaneous pulmonary valve implantation: 5 years of follow-up: does age influence outcomes?** *Circulation. Cardiovascular interventions*
Borik, S., Crean, A., Horlick, E., Osten, M., Lee, K. J., Chaturvedi, R., Friedberg, M. K., McCrindle, B. W., Manlhiot, C., Benson, L.
2015; 8 (2): e001745
 - **Pharmacokinetics of sirolimus-eluting stents implanted in the neonatal arterial duct.** *Circulation. Cardiovascular interventions*
Lee, K. J., Seto, W., Benson, L., Chaturvedi, R. R.
2015; 8 (5)
 - **Impact of pre-stage II hemodynamics and pulmonary artery anatomy on 12-month outcomes in the Pediatric Heart Network Single Ventricle Reconstruction trial.** *The Journal of thoracic and cardiovascular surgery*
Aiyagari, R., Rhodes, J. F., Shrader, P., Radtke, W. A., Bandisode, V. M., Bergersen, L., Gillespie, M. J., Gray, R. G., Guey, L. T., Hill, K. D., Hirsch, R., Kim, D. W., Lee, et al
2014; 148 (4): 1467-74
 - **Intervention for recoarctation in the single ventricle reconstruction trial: incidence, risk, and outcomes.** *Circulation*
Hill, K. D., Rhodes, J. F., Aiyagari, R., Baker, G. H., Bergersen, L., Chai, P. J., Fleming, G. A., Fudge, J. C., Gillespie, M. J., Gray, R. G., Hirsch, R., Lee, K. J., Li, et al
2013; 128 (9): 954-61
 - **Hybrid versus Norwood strategies for single-ventricle palliation.** *Circulation*
Baba, K., Kotani, Y., Chetan, D., Chaturvedi, R. R., Lee, K. J., Benson, L. N., Grosse-Wortmann, L., Van Arsdell, G. S., Caldarone, C. A., Honjo, O.
2012; 126 (11 Suppl 1): S123-31
 - **The impact of additional epicardial imaging to transesophageal echocardiography on intraoperative detection of residual lesions in congenital heart surgery.** *The Journal of thoracic and cardiovascular surgery*
Dragulescu, A., Golding, F., Van Arsdell, G., Caldarone, C., Mertens, L., Al-Radi, O., Lee, K. J.
2012; 143 (2): 361-7
 - **Delayed repair of right atrial isomerism with obstructed total anomalous pulmonary venous drainage by hybrid stent insertion between the left-sided atrium and pulmonary venous confluence.** *The Journal of thoracic and cardiovascular surgery*
Chaturvedi, R. R., Van Arsdell, G. S., Jacques, F., Lee, K. J.
2012; 144 (1): 271-3
 - **Acute effects of the ACE inhibitor enalaprilat on the pulmonary, cerebral and systemic blood flow and resistance after the bidirectional cavopulmonary connection.** *Heart (British Cardiac Society)*
Lee, K. J., Yoo, S. J., Holtby, H., Grant, B., Mroczek, D., Wong, D., Grosse-Wortmann, L., Benson, L. N., Chaturvedi, R. R.
2011; 97 (16): 1343-8
 - **Percutaneous pulmonary valve implantation within bioprosthetic valves.** *European heart journal*
Asoh, K., Walsh, M., Hickey, E., Nagiub, M., Chaturvedi, R., Lee, K. J., Benson, L. N.
2010; 31 (11): 1404-9
 - **Percutaneous pulmonary valve implantation in the young 2-year follow-up.** *JACC. Cardiovascular interventions*

Veizmar, M., Chaturvedi, R., Lee, K. J., Almeida, C., Manlhiot, C., McCrindle, B. W., Horlick, E. M., Benson, L. N.
2010; 3 (4): 439-48

- **Rapamycin-eluting stents in the arterial duct: experimental observations in the pig model.** *Circulation*
Lee, K. J., Hinek, A., Chaturvedi, R. R., Almeida, C. L., Honjo, O., Koren, G., Benson, L. N.
2009; 119 (15): 2078-85
- **Stenting of the right ventricular outflow tract in the symptomatic infant with tetralogy of Fallot.** *Heart (British Cardiac Society)*
Dohlen, G., Chaturvedi, R. R., Benson, L. N., Ozawa, A., Van Arsdell, G. S., Fruitman, D. S., Lee, K. J.
2009; 95 (2): 142-7
- **Implantation of drug-eluting stents for relief of obstructed infra-cardiac totally anomalous pulmonary venous connection in isomerism of the right atrial appendages.** *Cardiology in the young*
Wong, D. T., Yoo, S. J., Lee, K. J.
2008; 18 (6): 628-30
- **Complete heart block associated with device closure of perimembranous ventricular septal defects.** *The Journal of thoracic and cardiovascular surgery*
Predescu, D., Chaturvedi, R. R., Friedberg, M. K., Benson, L. N., Ozawa, A., Lee, K. J.
2008; 136 (5): 1223-8
- **Borderline hypoplasia of the left ventricle in neonates: insights for decision-making from functional assessment with magnetic resonance imaging.** *The Journal of thoracic and cardiovascular surgery*
Grosse-Wortmann, L., Yun, T. J., Al-Radi, O., Kim, S., Nii, M., Lee, K. J., Redington, A., Yoo, S. J., van Arsdell, G.
2008; 136 (6): 1429-36
- **Outcome and growth potential of left heart structures after neonatal intervention for aortic valve stenosis.** *Journal of the American College of Cardiology*
Han, R. K., Gurofsky, R. C., Lee, K. J., Dipchand, A. I., Williams, W. G., Smallhorn, J. F., McCrindle, B. W.
2007; 50 (25): 2406-14
- **Neonatal rhabdomyoma causing right ventricular inflow obstruction with duct-dependent pulmonary blood flow: successful stenting of PDA.** *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions*
Ilina, M. V., Jaeggi, E. T., Lee, K. J.
2007; 69 (6): 881-5
- **ABO-incompatible heart transplantation in infants.** *The New England journal of medicine*
West, L. J., Pollock-Barziv, S. M., Dipchand, A. I., Lee, K. J., Cardella, C. J., Benson, L. N., Rebeyka, I. M., Coles, J. G.
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- **Restoration of aortopulmonary shunt patency.** *The American journal of cardiology*
Lee, K. J., Humpl, T., Hashmi, A., Nykanen, D. G., Williams, W. G., Benson, L. N.
2001; 88 (3): 325-8
- **Clinical outcomes of acute myocarditis in childhood.** *Heart (British Cardiac Society)*
Lee, K. J., McCrindle, B. W., Bohn, D. J., Wilson, G. J., Taylor, G. P., Freedom, R. M., Smallhorn, J. F., Benson, L. N.
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