

CURRICULUM VITAE

NAME: Toshihide Nakano

SEX: Male

DATE OF BIRTH: July 30, 1965

PLACE OF BIRTH: Yamaguchi, Japan

CTIZENSHIP: Japan

MEDICAL SCHOOL: Kyushu University, Faculty of Medicine

QUALIFICATION: M.D. May, 1991
PhD of Medicine. March, 2002

PROFESSIONAL TRAINING AND EMPLOYMENT:

April, 2008 – present

Director, Department of Cardiovascular Surgery, Fukuoka Children's Hospital

July, 2004 – March, 2008

Clinical staff in Cardiovascular Surgery, Fukuoka Children's Hospital

January, 2004 – June, 2004

Clinical fellow in Congenital Heart Center, C.S. Mott Children's Hospital, University of Michigan.

January, 2003– December,2003

Clinical fellow in Pediatric and Congenital Heart Surgery, The Cleveland Clinic Foundation.

July,2000 – December,2002

Clinical staff in Cardiovascular Surgery, Fukuoka Children's Hospital

October,1998 – June,2000

Clinical staff in Cardiovascular Surgery, Iizuka Hospital (Acquired heart disease)

June,1995 – September,1998

Research Fellow, Laboratory in Cardiovascular Surgery, Kyushu University
(Theme: vascular physiology in artificial perfusion)

July,1994 – May,1995

Clinical fellow in Cardiovascular Surgery, Fukuoka Children's Hospital

July,1993 – June,1994

Clinical fellow in General Surgery, Shimonoseki Municipal Hospital

April,1992 – June,1993

Resident in Cardiovascular Surgery, Kyushu University

June,1991 – March,1992

Resident in General Surgery, Hamanomachi Hospital

MEMBERSHIP OF SOCIETIES

Japan Surgical Society

Japanese Association for Thoracic Surgery

Japanese Society of Pediatric Cardiology and Cardiac Surgery

Japanese Society of Cardiovascular Surgery

Japanese Circulation Society

The Asian Society for Cardiovascular and Thoracic Surgery

PRESENTATION IN INTERNATIONAL CONFERENCE (Presenter)

Poster Presentation

1. Pulse rate-and pulse pressure-related vasodilation are modulated by endothelium-derived nitric oxide.
The 7 th annual meeting of the Asian Society for Cardiovascular Surgery, Singapore 1999.
2. Complete avoidance of circulatory arrest during arch reconstruction in neonates.
American Heart Association Scientific Sessions, 2002, Chicago

Oral Presentation

1. Mid-term surgical results of total cavo-pulmonary connection. Comparison between intra-atrial lateral tunnel and extracardiac conduit.
American Heart Association Scientific Sessions, 2001, Anaheim, California
2. Norwood procedure with total body perfusion – experience of 51 cases-
The 13 th annual meeting of the Asian Society for Cardiovascular Surgery, 2005, Chiang Mai.
3. Open heart surgery for complex congenital heart defects in neonate.
The annual scientific meeting of the Taiwan Association of Thoracic & Cardiovascular Surgery, 2006, Taipei.
4. Excellent Midterm Outcome of Extra-Cardiac Conduit Total Cavopulmonary Connection: Results of 126 Cases.
Annual meeting of the Society of Thoracic Surgeon, 2007, San Diego.
5. Clinical results of Norwood procedure with total body perfusion – experience of consecutive 71 cases -
Annual meeting of European Association of Cardiovascular Surgery, 2008, Lisbon.
6. Excellent Surgical Results of Extra-Cardiac Conduit Total Cavopulmonary Connection:

- Analysis of Consecutive 364 Cases.
5th World congress of paediatric cardiology and cardiac surgery, 2009, Cairns.
7. Current Surgical Strategy and the Results for Hypoplastic Left Heart Syndrome.
6th Korea-Japan-China Pediatric Heart Forum, 2010, Seoul.
 8. Surgical Results of Atrio-Ventricular Discordance
3rd Congress of Asian-Pacific Pediatric Cardiac Society, 2010, Chiba.
 9. Mid-term Outcome of Patients with Extra-cardiac Total Cavopulmonary Connection
3rd Congress of Asian-Pacific Pediatric Cardiac Society, 2010, Chiba.
 10. Truncus arteriosus: Surgical timing, techniques and rests. Is there a role for palliation and when?
Annual meeting of Association for European Paediatric and Congenital Cardiology , 2012, Istanbul
 11. Yasui Operation for Complex Congenital Heart Disease with Left Ventricular Outflow Tract Obstruction
21th Annual meeting of Asian Society for Cardiovascular and Thoracic Surgery, 2013, Kobe.
 12. Yasui Operation for Adequate-Sized Ventricles with Ventricular Septal Defect Associated with Aortic Arch and Left Ventricular Outflow Tract Obstructions
27th Annual meeting of European Association of Cardio-Thoracic Surgery, 2013, Vienna.
 13. Fontan Operation in 2014: What is Ideal and What is Possible
5rd Congress of Asian-Pacific Pediatric Cardiac Society, 2014, New delhi.
 14. Results of Extracardiac Conduit Total Cavopulmonary Connection in 500 Patients
28th Annual meeting of European Association of Cardio-Thoracic Surgery, 2014, Milan.
 15. Surgical Results of Extracardiac Conduit Total Cavopulmonary Connection

- 11th China-Korea-Japan Pediatric Heart Forum, 2015, Tianjin.
16. Surgical Strategy for Neonates and Small Infants with Adequate-sized Ventricles and VSD Associated with Obstruction of the Aortic Arch and LVOT: “Yasui or Norwood type Palliation”
Annual meeting of Association for European Paediatric and Congenital Cardiology , 2015, Prague.
 17. Yasui Operation for Interrupted Aortic Arch with LVOTO
Regional Meeting of World Society for Pediatric and Congenital Heart Surgery, 2015, Kyoto.
 18. Yasui Operation for Interrupted Aortic Arch/ Coarctation of Aorta with Left Ventricular Outflow Tract Obstruction
24th Annual meeting of Asian Society for Cardiovascular and Thoracic Surgery, 2016, Taipei.
 19. Mitral Replacement in Children
60th Annual Scientific Meeting of Korean Society of Cardiology, 2016, Seoul
 20. Surgical Issues in Children with Aortopathy
60th Annual Scientific Meeting of Korean Society of Cardiology, 2016, Seoul
 21. Surgical Outcomes of Heterotaxy Syndrome with Functional Single Ventricle.
53rd Annual Meeting of The Society of Thoracic Surgeons, 2017, Houston, Texas.
 22. Surgical Results of interrupted aortic arch.
14th China-Korea-Japan Pediatric Heart Forum, 2018, Shanghai.
 23. Improved Surgical Outcomes of Patients with Interrupted Aortic Arch : A Single Center Study. 32nd. Annual meeting of European Association of Cardio-Thoracic Surgery, 2018, Milan.
 24. Coronary Transfer in Side-by-side Great Arteries 1st Annual meeting of Asian association for pediatric and congenital heart surgery, 2021, (web).

25. Yasui operation. (post-graduate course) 29th Annual meeting of Asian Society for Cardiovascular and Thoracic Surgery, 2021, (web)
26. Interrupted Aortic Arch : Surgical Options for Severe Left Ventricular Outflow Tract Obstruction. 6th World University for pediatric and congenital heart surgery, 2021, (web)
27. Surgical Management of Transposition Complex with Aortic Arch Obstruction
30th Annual meeting of Asian Society for Cardiovascular and Thoracic Surgery, 2022, (web)

PUBLICATIONS (in English)

(First Author Only)

1. Left atrial myxoma associated with severe congestive heart failure, pulmonary hypertension, and multiple organ insufficiency.
Toshihide Nakano, Hisanori Mayumi, et al.
Japanese Heart Journal 1995;36(6):829-34.
2. The relationship between functional class, pulmonary artery pressure and size in left atrial myxoma.
Toshihide Nakano, Hisanori Mayumi, Hisataka Yasui, et al.
Cardiovasc Surg 1996;4(3):320-323.
3. Prostaglandin E1 from the tip of an intraaortic balloon catheter for lower limb ischemia.
Toshihide Nakano, Ryuji Tominaga, Kiminori Shiraishi, et al.
Ann Thorac Surg 1998;65:1158-60
4. Pulsatile flow enhances endothelium-derived nitric oxide release in the peripheral vasculature.
Toshihide Nakano, Ryuji Tominaga, Ichiro Nagano, et al.
Am J Physiol (Heart Circ Physiol) 2000;278:H1098-1104.

5. Impacts of pulsatile systemic circulation on endothelium-derived nitric oxide release in anesthetized dogs.
Toshihide Nakano, Ryuji Tominaga, Shigeki Morita, et al.
Ann Thorac Surg 2001;72:156-62.
6. Surgical results of double-orifice mitral valve associated with atrioventricular septal defects.
Toshihide Nakano, Hideaki Kado, et al.
Ann Thorac Surg 2001;73:69-75.
7. Long-term surgical results of total cavo-pulmonary connection in children with visceral heterotaxy syndrome; comparison between lateral tunnel method and extracardiac conduit method.
Toshihide Nakano and Hideaki Kado.
Jpn J Thorac Surg 2003;56:299-303.
8. Mid-term surgical results of total cavo-pulmonary connection. Clinical advantages of extracardiac conduit method.
Toshihide Nakano, Hideaki Kado, et al.
J Thorac Cardiovasc Surg 2004;127:730-7.
9. The low resistance strategy for the postoperative management of the Norwood procedure.
Toshihide Nakano, Hideaki Kado, Yuichi Shiokawa, et al.
Ann Thorac Surg 2004;77:908-12.
10. Excellent midterm outcome of extracardiac conduit total cavopulmonary connection: results of 126 Cases.
Toshihide Nakano, Hideaki Kado, Tsuyoshi Tachibana, et al.
Ann Thorac Surg 2007;84:1619-26.
11. Follow up study of pulmonary artery configuration in hypoplastic left heart syndrome.
Toshihide Nakano, Koji Fukae, Hiromichi Sonoda, et al.
Gen Thorac Cardiovasc Surg 2008;56:54-62.

12. The Yasui operation for patients with adequate-sized ventricles and ventricular septal defect associated with obstruction of the aortic arch and left ventricular outflow tract. **Toshihide Nakano**, Hideaki Kado, Hideki Tatewaki, et al.
Eur J Cardiothorac Surg 2014;45(5):e166-72.

13. Results of extracardiac conduit total cavopulmonary connection in 500 patients. **Toshihide Nakano**, Hideaki Kado, Hideki Tatewaki, et al.
Eur J Cardiothorac Surg 2015;48(6):825-32.

14. Yasui conversion after biventricular repair in patients with left ventricular outflow tract obstruction. **Toshihide Nakano** Operative technique in Thoracic and Cardiovascular Surgery 2021;26(4):605-15.