

Curriculum Vitae

Name : Pyo Won Park

Present Position : Director of Cardiovascular Center, Incheon Sejong Hospital, Incheon, Korea
Professor Emeritus, Department of Thoracic & Cardiovascular Surgery,
Sungkyunkwan University School of Medicine, Korea

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Educational Background

Feb. 1978 M.D. College of Medicine, Seoul National University

Feb. 1982 Master of Medicine Graduate School of Seoul National University

Feb. 1987 Ph.D. of Medicine Graduate School of Seoul National University

Hospital Training

Mar. 1979 ~ Feb. 1983 Resident, Department of Thoracic & Cardiovascular Surgery
Seoul National University Hospital, Seoul, Korea

Career

May 1986 ~ Feb. 1992

Cardiac surgeon & director, Department of Thoracic & Cardiovascular Surgery,
Sejong General Hospital, Pucheon, kyunggi-do, Korea

Sep 1989 ~ Feb 1990

Visiting surgeon, Toronto general hospital & Toronto Sick children's hospital, Canada

Mar. 1992 ~ Feb. 1993

Clinical fellow of cardiac surgery, Royal Brompton Hospital, U.K.

Mar. 1992 ~ Feb. 1993

Visiting fellow of cardiac surgery, Harefield Hospital, U.K.

Mar. 1994 ~Feb. 1998

Cardiac Surgeon, Department of Thoracic & Cardiovascular Surgery,
Samsung Medical Center, Seoul, Korea

Mar. 1998 ~ Feb. 2002

Director, Department of Thoracic & Cardiovascular Surgery,
Samsung Medical Center, Seoul, Korea

Sep. 2005 ~ Aug. 2009

Director, Cardiac & Vascular Center, Samsung Medical Center, Seoul, Korea

Mar. 1997 ~ Aug. 2019

Professor, Department of Thoracic & Cardiovascular Surgery,
Sungkyunkwan University Medical School, Seoul, Korea

Sep.2019 ~ present

Director of Cardiovascular Center,
Incheon Sejong Hospital, Incheon, Korea

Academic Interest

Valve repair & replacement

Arrhythmia surgery

Heart transplantation

Publication (Red Bold Park PW: corresponding author)

1. Impact of maze procedure in patients with severe tricuspid regurgitation and persistent atrial fibrillation. Park I, Jeong DS, Park SJ, Ahn JH, Kim J, Kim EK, Sung K, Kim WS, **Park PW**. J Thorac Cardiovasc Surg 2022
2. Reappraisal of mechanical tricuspid valve replacement in the current era: a single center retrospective study. Park B, Jeong DS, Kim WS, Sung K, **Park PW** J Thorac Dis. 2021;13:3359-3368
3. Is Prophylactic Tricuspid Annuloplasty Beneficial for Degenerative Mitral Valve Repair? Lee H, Jeong JD, Kim WS,, Sung K, Carriere KC, Park SJ, **Park PW**, Ann Thorac Surg 2021;111:1502-11
4. Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk, Elderly Patients With Severe Aortic Stenosis. Oh JK, Park SJ, Kim HJ, Ahn JM, Kim DH, Gwon HC, **Park PW**, Kang DH, Park DW, Park SJ. J Am Coll Cardiol. 2019;74:1514-1515.
5. Late clinical outcomes of aortic valve replacement with Carpentier-Edwards pericardial valves. Chang HW, **Park PW**. J Thorac Dis 2019 (accepted).
6. Randomized Trial of Concomitant Maze Procedure Using Nitrous Oxide- Versus Argon-Based Cryoablation. Jeong DS, Sung K, Kim WS, Keumhee Cho C, **Park PW**. Ann Thorac Surg. 2019;108:30-36.
7. Clinical outcomes of repeat aortic valve replacement for subaortic pannus in mechanical aortic valve. **Park PW**, Park B, Jeong DS, Sung K, Kim WS, Lee YT, Park SW. Circ J. 2018;82:2535-2541
8. Late Clinical Outcomes after Mechanical Aortic valve Replacement for aortic stenosis: old versus new prosthesis Lee H, Sung K, Kim WS, Jeong DS, Ahn JH, Carriere KC, **Park PW**.

J Thorac Dis 2018 Jun;10(6):3361-3371

9. Serial Changes of Transmitral and Transtricuspid Pressure Gradients After Simultaneous Mitral and Tricuspid Ring Annuloplasty.. Shim H, Hwang J, Jeong DS, Sung K, Kim WS, **Park PW**. Heart Lung Circ. 2018 Mar 17. pii: S1443-9506(18)30119-7
10. Surgical outcomes of mitral valve replacement with concomitant mitral annular reconstruction Kim SW, Jeong DS, Sung K, Kim WS, Lee YT, **Park PW**. J Cardiac Surg 2018;33:69-75
11. Replacement of calcified ascending aorta in patients undergoing aortic valve replacement. Chang HW, Jeong DS, Cho YH, Sung K, Kim WS, Lee YT, **Park PW**. J Thorac Dis 2017;9:4424-4433
12. Mechanical Surface Area of Prosthetic heart Valve: Adverse clinical Impact of Large Mechanical Valve in Mitral Position. Cho YH, Sung K, Kim WS, Kim J, Kim SM, **Park PW**. ASAIO J 2017 doi: 10.1097/MAT.0000000000000718
13. Clinical Implication of Transaortic Mitral Pannus Removal During Repeat Cardiac Surgery for Patients With Mechanical Mitral Valve. Park B, Sung K, **Park PW**. Circ J. 2018;82:396-402
14. Impact of ablation duration on rhythm outcome after concomitant maze procedure using cryoablation in patients with persistent atrial fibrillation. Jeong DS, You JH, Jeon CS, **Park PW**, Sung K, Kim WS, Lee YT. J Cardiothorac Surg. 2017;12:60. doi: 10.1186/s13019-017-0620-
15. Determinants of late tricuspid regurgitation after aortic-mitral double valve replacement. Jeong DS, **Park PW**, Sung K, Kim WS, Lee YT. Am J Cardiol. 2017;119:1643-1649
16. Tricuspid Valve Replacement vs. Repair in Severe Tricuspid Regurgitation. Chang HW, Jeong DS, Cho YH, Sung K, Kim WS, Lee YT, **Park PW**. Circulation J. 2017;81:330-8
17. Aortic Valve Replacement With Carpentier-Edwards: Hemodynamic Outcomes for the 19-mm Valve. You JH, Jeong DS, Sung K, Kim WS, Carriere KC, Lee YT, **Park PW**. Ann Thorac Surg. 2016;101:2209-16
18. Clinical and hemodynamic influences of prophylactic tricuspid annuloplasty in mechanical mitral valve replacement. Lee H, Sung K, Kim WS, Lee YT, Park SJ, Carriere KC, **Park PW**. J Thorac Cardiovasc Surg. 2016;151:788-95
19. Prophylactic Tricuspid Annuloplasty in Patients Undergoing Double Valve Replacement. Jeong DS, Shim MS, Sung K, Kim WS, Lee YT, **Park PW**. J Heart Valve Dis. 2015;24:508-15.
20. Aortic wrapping for a dilated ascending aorta in bicuspid aortic stenosis. Choi MS, Jeong DS, Lee HY, Sung K, Kim WS, Lee YT, **Park PW**. Circ J. 2015;79(4):778-84
23. Early surgery versus conventional treatment for asymptomatic severe mitral regurgitation:

- a propensity analysis. Kang DH, Park SJ, Sun BJ, Cho EJ, Kim DH, Yun SC, Song JM, Park SW, Chung CH, Song JK, Lee JW, **Park PW**. *J Am Coll Cardiol*. 2014;63:2398-407
21. Fate of functional tricuspid regurgitation in aortic stenosis after aortic valve replacement. Jeong DS, Sung K, Kim WS, Lee YT, Yang JH, Jun TG, **Park PW**. *J Thorac Cardiovasc Surg*. 2014;148:1328-1333
 22. Long-Term Results of Aortomitral Fibrous Body Reconstruction With Double-Valve Replacement. Kim SW, **Park PW**, Kim WS, Sung K, Lee YT, Jun TG, Jeong DS. *Ann Thorac Surg*. 2013;95:635
 23. Tricuspid Reoperation After Left-Sided Rheumatic Valve Operations. Jeong DS, **Park PW**, Mwambu TP, Sung K, Kim WS, Lee YT, Park SJ, Park SW. *Ann Thorac Surg*. 2013;95:2007-14