

CURRICULUM VITAE

Kentaro Hayashida, MD, PhD, FESC

Assistant Professor
Director, Transcatheter Heart Valve program
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DATE and PLACE OF BIRTH:

24th October, 1975 Tokyo, Japan

NATIONALITY:

Japanese

EDUCATION:

2000.4 MD, Keio University School of Medicine, Tokyo, Japan
2006.4 PhD in Cardiology, Keio University School of Medicine, Tokyo, Japan

PROFESSIONAL ASSOCIATION:

- Japanese Circulation Society
- Japanese Society of Internal Medicine
- Japanese Association of Cardiovascular Intervention and Therapeutics
- Japanese Heart Failure Society
- European Society of Cardiology (FESC)

AWARDS and HONORS:

2004.11 Cardiopulmonary Best Abstract Award, American Heart Association Scientific Session 2004
2008.03 Young Investigators Award (2nd degree), American College of Cardiology 2008
2009.10 Research award from Banyu fellowship program
2012.03 Young Investigators Award, American College of Cardiology 2012
2012.08 Best poster award, European Society of Cardiology 2012

LICENSURE and BOARD STATUS:

2000 Physician's License in Japan
2003 Board Certified Member of the Japanese Society of Internal Medicine
2006 Fellow of the Japanese Society of Internal Medicine
2006 Board Certified Member of the Japanese Circulation Society
2007 Board Certified Member of the Japanese Society of Interventional Cardiology
2012 Board Certified Member of the Japanese Association of Cardiovascular

- Intervention and Therapeutics
2012 A proctor for transfemoral-TAVI for Edwards Lifesciences
2013 Fellow of the European Society of Cardiology

RESEARCH and PROFESSIONAL EXPERIENCE:

- 2000-2001 Resident, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan
2000-2003 Post-graduate school student, Department of Cardiology, Keio University School of Medicine, Tokyo, Japan
2004.4- Fellow, Department of Cardiology, Keio University School of Medicine, Tokyo, Japan
2004.6- Physician, Department of Cardiology, Ashikaga Red Cross Hospital, Tochigi, Japan.
2007.7- Assistant professor, associate director of cardiac catheterization laboratory, Department of Cardiology, Keio University School of Medicine, Tokyo, Japan
2009.4- Assistant professor, director of cardiac catheterization laboratory, Division of Cardiology, Department of Second Internal Medicine, Kyorin University School of Medicine, Tokyo, Japan
2009.10- Fellow of Interventional Cardiology, Institut Cardiovasculaire Paris Sud, Massy, France
2012.12- Assistant professor and lecturer, Director of transcatheter heart valve program, co-director of cardiac catheterization laboratory, Department of Cardiology, Keio University School of Medicine, Tokyo, Japan
2016.4- Assistant professor and lecturer, Director of transcatheter heart valve program, Director of cardiac catheterization laboratory, Department of Cardiology, Keio University School of Medicine, Tokyo, Japan

JOURNAL REVIEW:

AsiaIntervention, associate editor
Circulation journal, editorial board
Circulation: Cardiovascular Interventions
JACC
JACC: Cardiovascular Interventions
EuroIntervention
Catheterization and cardiovascular interventions
Cardiovascular Intervention and Therapeutics
European Heart Journal
Heart
International Journal of Cardiology
American Journal of Cardiovascular Drugs

SCIENTIFIC COMMITTEE, FACULTY POSITIONS:

International
PCR Tokyo valves, Course Director
PCR London valves, International Course Co-Director

Asia PCR, Course Co-Director
PCR-CIT China Chengdu valves, programme committee member
EuroPCR, Faculty
TVT, Faculty
TCT, Faculty
AP valves, Course Co-Director
TCTAP, Faculty
ENCORE Seoul, Faculty
Complex Cardiovascular Therapeutics, SHD course, Course Director
Tokyo Percutaneous Cardiovascular Intervention Conference, Course Co-director

Domestic

Toyohashi live demonstration, Program committee member and organizer
Kamakura live demonstration, Faculty
Kokura live demonstration, Faculty
Japanese Heart Failure Society, Member of device committee
JTVT, Faculty
JHVD, Faculty

PUBLICATIONS:

1. Tamamori-Adachi M, Ito H, Nobori K, **Hayashida K**, Kawauchi J, Adachi S, Ikeda MA, Kitajima S. Expression of cyclin D1 and CDK4 causes hypertrophic growth of cardiomyocytes in culture: a possible implication for cardiac hypertrophy. *Biochem Biophys Res Commun*. 2002 Aug 16;296(2):274-80.
2. Tamamori-Adachi M*, **Hayashida K***, Nobori K, Kawauchi J, Omizu C, Kamura T, Fukuda K, Ogawa S, Nakayama K, and Kitajima S. Down-regulation of p27Kip1 promotes cell proliferation of rat neonatal cardiomyocytes induced by nuclear expression of cyclin D1 and CDK4. Evidence for impaired Skp2-dependent degradation of p27 in terminal differentiation. *J Biol Chem*. 2004 Nov 26;279(48):50429-36. (* contributed equally to this paper)
3. **Hayashida K***, Fujita J*, Miyake Y, Kawada H, Yagi T, Ogawa S, Fukuda K. Bone marrow-derived cells contribute to pulmonary vascular remodeling in hypoxia-induced pulmonary hypertension. *Chest* 2005;127:1793-1798. (* contributed equally to this paper)
4. Endo J, Sano M, Fujita J, **Hayashida K**, Yuasa S, Aoyama N, Takehara Y, Kato O, Makino S, Ogawa S, Fukuda K. Bone Marrow-Derived Cells Are Involved in the Pathogenesis of Cardiac Hypertrophy in Response to Pressure Overload. *Circulation* 2007 Sep 4;116(10):1176-84
5. **Hayashida K**, Sano M, Ohsawa I, Shinmura K, Tamaki K, Kimura K, Endo J, Katayama T, Kawamura A, Kohsaka S, Makino S, Ohta S, Ogawa S, Fukuda K. Inhalation of hydrogen gas reduces infarct size in the rat model of myocardial ischemia-reperfusion injury. *Biochem Biophys Res Commun* 2008 Aug 15;373(1):30-5
6. Tokudome S, Sano M, Shinmura K, Matsushashi T, Morizane S, Moriyama H, Tamaki K, **Hayashida K**, Nakanishi H, Yoshikawa N, Shimizu N, Endo J, Katayama T, Murata M, Yuasa S, Kaneda R, Tomita K, Eguchi N, Urade Y, Asano K, Utsunomiya Y, Suzuki T, Taguchi R, Tanaka H, Fukuda K. Glucocorticoid protects rodent hearts from ischemia/reperfusion injury by activating lipocalin-type prostaglandin D synthase-derived PGD₂ biosynthesis. *J Clin Invest*. 2009 Jun;119(6):1477-88
7. Suzuki Y, Sano M, **Hayashida K**, Ohsawa I, Ohta S, Fukuda K. Are the effects of alpha-glucosidase inhibitors on cardiovascular events related to elevated levels of hydrogen gas in the gastrointestinal tract? *FEBS Lett*. 2009 Jul 7;583(13):2157-9.
8. Ueno K, Kawamura A, Onizuka T, Kawakami T, Nagatomo Y, **Hayashida K**, Yuasa S, Maekawa Y, Anzai T, Jinzaki M, Kuribayashi S, Ogawa S. Effect of preoperative evaluation by multidetector computed tomography in percutaneous coronary interventions of chronic total occlusions. *Int J Cardiol*. 2012; 156(1):76-9
9. **Hayashida K**, Louvard Y, Lefèvre T. Transradial complex coronary interventions using a five-in-six system. *Catheter Cardiovasc Interv*. 2011 Jan 1;77(1):63-8
10. Hovasse T, Lefèvre T, Morice MC, Chevalier B, **Hayashida K**, Garot P, Romano M, Donzeau-Gouge P, Farge A, Bouvier E, Cormier B. Percutaneous aortic valve implantation: Results and perspectives. *Presse Med*. 2011 July - August;40(7-8):732-739.
11. **Hayashida K**, Lefèvre T, Chevalier B, Hovasse T, Romano M, Garot P, Mylotte D, Uribe J, Farge A, Donzeau-Gouge P, Bouvier E, Cormier B, Morice MC. Transfemoral Aortic Valve Implantation: New Criteria to Predict Vascular Complications. *JACC Cardiovasc Interv*. 2011 Aug;4(8):851-8.
12. **Hayashida K**, Lefèvre T. Transcatheter Aortic Valve Implantation: New Hope for Inoperable and High-risk Patients. *Aortic stenosis Book 1*. ISBN 978-953-308-86-0. 2011.
13. **Hayashida K**, Lefèvre T, Chevalier B, Hovasse T, Romano M, Garot P, Mylotte D,

- Uribe J, Farge A, Donzeau-Gouge P, Bouvier E, Cormier B, Morice MC. True percutaneous approach for transfemoral aortic valve implantation using Prostar XL device. Impact of learning curve on vascular complications. *JACC Cardiovasc Interv.* 2012 Feb;5(2):207-14.
14. **Hayashida K**, Morice MC, Chevalier B, Hovasse T, Romano M, Garot P, Farge A, Donzeau-Gouge P, Bouvier E, Cormier B, Lefèvre T. Sex Differences in Clinical Presentation and Outcome of Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis. *J Am Coll Cardiol.* 2012 Feb;59(6):566-71.
 15. **Hayashida K**, Bouvier E, Lefèvre T, Hovasse T, Morice MC, Chevalier B, Romano M, Garot P, Farge A, Donzeau-Gouge P, Cormier B. Potential mechanism of annulus rupture during transcatheter aortic valve implantation. *Catheter Cardiovasc Interv.* 2013 Nov 1;82(5):E742-6.
 16. **Hayashida K**, Bouvier E, Lefèvre T, Hovasse T, Morice MC, Chevalier B, Romano M, Garot P, Farge A, Donzeau-Gouge P, Cormier B. Impact of CT-guided valve sizing on post-procedural aortic regurgitation in transcatheter aortic valve implantation. *EuroIntervention.* 2012 8(5):546-55.
 17. **Hayashida K**, Bouvier E, Lefèvre T. Successful management of annulus rupture in transcatheter aortic valve implantation. *JACC Cardiovasc Interv.* 2013 6(1):90-1
 18. **Hayashida K**, Lefèvre T, Chevalier B, Hovasse T, Romano M, Garot P, Farge A, Donzeau-Gouge P, Bouvier E, Cormier B, Morice MC. Impact of post-procedural aortic regurgitation on mortality after transcatheter aortic valve implantation. *JACC Cardiovasc Interv.* 2012 5(12):1247-56
 19. **Hayashida K**, Lefèvre T. Treatment and prevention of aortic regurgitation after transcatheter aortic valve implantation. *EuroIntervention*, 2012 ;8:Q34-Q40
 20. Kataoka M, Inami T, **Hayashida K**, Shimura N, Ishiguro H, Abe T, Tamura Y, Ando M, Fukuda K, Yoshino H, Satoh T. Percutaneous Transluminal Pulmonary Angioplasty for the Treatment of Chronic Thromboembolic Pulmonary Hypertension. *Circ Cardiovasc Interv.* 5(6):756-62.
 21. Watanabe Y, **Hayashida K**, Lefèvre T, Chevalier B, Hovasse T, Romano M, Garot P, Farge A, Donzeau-Gouge P, Bouvier E, Cormier B, Morice MC. Is EuroSCORE II better than EuroSCORE in predicting mortality after transcatheter aortic valve implantation? *Catheter Cardiovasc Interv.* 2013 May;81(6):1053-60.
 22. Yamamoto M, **Hayashida K**, Mouillet G, Chevalier B, Meguro K, Watanabe Y, Dubois-Rande JL, Morice MC, Lefevre T, Teiger E. Renal function based contrast dosing predicts acute kidney injury following transcatheter aortic valve implantation. *JACC Cardiovasc Interv.* 2013 May;6(5):479-86
 23. **Hayashida K**, Romano M, Lefèvre T, Chevalier B, Farge A, Hovasse T, Le Houérou D, Morice MC. The Transaortic Approach for Transcatheter Aortic Valve Implantation. A Valid Alternative to the Transapical Access in Patients with No Peripheral Vascular Option. A Single Center Experience. *Eur J Cardiothorac Surg.* 2013 Oct;44(4):692-700.
 24. **Hayashida K**, Bouvier E, Lefèvre T, Hovasse T, Morice MC, Chevalier B, Romano M, Garot P, Farge A, Donzeau-Gouge P, Cormier B. Transcatheter aortic valve implantation for patients with severe bicuspid aortic valve stenosis. *Circ Cardiovasc Interv.* 2013 Jun 1;6(3):284-91.
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- valve implantation in patients of small body size. *Catheter Cardiovasc Interv.* 2013 Apr 24. doi: 10.1002/ccd.24970. [Epub ahead of print]
27. Watanabe Y, **Hayashida K**, Lefèvre T, Chevalier B, Hovasse T, Romano M, Garot P, Farge A, Donzeau-Gouge P, Bouvier E, Cormier B, Morice MC. Transfemoral Aortic Valve Implantation in Patients with an Annulus Dimension Suitable for either the Edwards Valve or the CoreValve. *Am J Cardiol.* 2013 Sep 1;112(5):707-13.
 28. Watanabe Y, Morice MC, Bouvier E, Leong T, **Hayashida K**, Lefèvre T, Hovasse T, Romano M, Chevalier B, Farge A, Donzeau-Gouge P, Cormier B, Garot P. Automated 3-dimensional aortic annular assessment by multidetector computed tomography in transcatheter aortic valve implantation. *JACC Cardiovasc Interv.* Sep;6(9):955-64.
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 31. Anzai A, Maekawa Y, Kodaira M, Mogi S, Arai T, Kawakami T, Kanazawa H, **Hayashida K**, Yuasa S, Kawamura A, Fukuda K. Prognostic implications of optimal medical therapy in patients undergoing percutaneous coronary intervention for acute coronary syndrome in octogenarians. *Heart Vessels.* 2014 Feb 4. [Epub ahead of print]
 32. Watanabe Y, **Hayashida K**, Lefevre T, Romano M, Hovasse T, Chevalier B, Garot P, Donzeau-Gouge P, Farge A, Bouvier E, Cormier B, Morice MC. Is post dilatation useful after implantation of the Edwards valve? *Catheter Cardiovasc Interv.* 2014 Mar 21. doi: 10.1002/ccd.25486. [Epub ahead of print]
 33. Shirakawa K, Egashira T, Ieda M, Kawaguchi S, Okamoto K, Ido M, Yokoyama K, Tsuruta H, Murata M, Mikami S, Anzai A, **Hayashida K**, Kohno T, Maekawa Y, Sano M, Yozu R, Fukuda K. Multidisciplinary approach to the treatment of cardiac AA amyloidosis and aortic stenosis due to Castleman's disease: a hybrid therapy with tocilizumab and aortic valve replacement. *Int J Cardiol.* 2014 May 1;173(2):e9-e11. doi: 10.1016/j.ijcard.2014.03.054. Epub 2014 Mar 16.
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 35. Egashira T, Yuasa S, Kimura M, Sawano M, Anzai A, **Hayashida K**, Kawamura A, Kimura T, Nishiyama N, Aizawa Y, Takatsuki S, Tsuruta H, Murata M, Yamada Y, Kohno T, Maekawa Y, Sano M, Kosaki K, Fukuda K. Coexistence of two distinct fascinating cardiovascular disorders: heterotaxy syndrome with left ventricular non-compaction and vasospastic angina. *Int J Cardiol.* 2014 Jun 15;174(2):e54-6. doi: 10.1016/j.ijcard.2014.04.032. Epub 2014 Apr 15.
 36. Anzai A, Yuasa S, Kanazawa H, Kodaira M, Arai T, Kawakami T, **Hayashida K**, Maekawa Y, Kawamura A, Fukuda K. "Phantom vessel" running parallel to the culprit artery in a case of acute myocardial infarction. *JACC Cardiovasc Interv.* 2014 Jun;7(6):e51-2. doi: 10.1016/j.jcin.2013.08.020. Epub 2014 May 14.

37. Watanabe Y, **Hayashida K**, Takayama M, Mitsudo K, Nanto S, Takanashi S, Komiya T, Kuratani T, Tobaru T, Goto T, Lefèvre T, Sawa Y, Morice MC. First direct comparison of clinical outcomes between European and Asian cohorts in transcatheter aortic valve implantation: The Massy study group vs. the PREVAIL JAPAN trial. *J Cardiol*. 2014 Jun 10. pii: S0914-5087(14)00146-4. doi: 10.1016/j.jjcc.2014.05.001.
38. Inohara T, **Hayashida K**, Fukuda K. Double balloon aortic valvuloplasty in TAVI era: insight from intracardiac echocardiography and multidetector computed tomography findings. *J Invasive Cardiol*. 2014 Jul;26(7):E95-7.
39. Maekawa Y, Jinzaki M, Anzai A, Tsuruta H, Matsumura K, Yamada Y, Tabei R, Kawakami T, **Hayashida K**, Yuasa S, Murata M, Suzuki M, Kuribayashi S, Fukuda K. Successful second attempt multidetector computed tomography-guided percutaneous transluminal septal myocardial ablation for an octogenarian with hypertrophic obstructive cardiomyopathy. *Int J Cardiol*. 2014 Oct 20;176(3):e131-2.
40. Watanabe Y, Lefèvre T, Arai T, **Hayashida K**, Bouvier E, Hovasse T, Romano M, Chevalier B, Garot P, Donzeau-Gouge P, Farge A, Cormier B, Morice MC. Can we predict post-procedural paravalvular leak after Edwards Sapien transcatheter aortic valve implantation? *Catheter Cardiovasc Interv*. 2014 Sep 9.
41. Inohara T, Kohsaka S, Miyata H, Ueda I, Ishikawa S, Ohki T, Nishi Y, **Hayashida K**, Maekawa Y, Kawamura A, Higashi T, Fukuda K. Appropriateness Ratings of Percutaneous Coronary Intervention in Japan and Its Association With the Trend of Noninvasive Testing. *JACC Cardiovasc Interv*. 2014 Sep;7(9):1000-9.
42. Inohara T, Kohsaka S, Miyata H, Ueda I, Noma S, Suzuki M, Negishi K, Endo A, Nishi Y, **Hayashida K**, Maekawa Y, Kawamura A, Higashi T, Fukuda K. Appropriateness of coronary interventions in Japan by the US and Japanese standards. *Am Heart J*. 2014 Dec;168(6):854-861.e11.
43. Tsugu T, Murata M, Kawakami T, Yasuda R, Tokuda H, Minakata Y, Tamura Y, Kataoka M, **Hayashida K**, Tsuruta H, Maekawa Y, Inoue S, Fukuda K. Significance of echocardiographic assessment for right ventricular function after balloon pulmonary angioplasty in patients with chronic thromboembolic induced pulmonary hypertension. *Am J Cardiol*. 2015 Jan 15;115(2):256-61
44. Yamamoto M, **Hayashida K**, Watanabe Y, Mouillet G, Hovasse T, Chevalier B, Oguri A, Dubois-Randé JL, Morice MC, Lefèvre T, Teiger E. *Am J Cardiol*. 2015 Jan 15;115(2):227-33. Effect of Body Mass Index <20 kg/m(2) on Events in Patients Who Underwent Transcatheter Aortic Valve Replacement.
45. Maekawa Y, Jinzaki M, Tsuruta H, Akita K, Yamada Y, Kawakami T, **Hayashida K**, Yuasa S, Murata M, Fukuda K. Improved renal function in a patient with hypertrophic obstructive cardiomyopathy after multidetector computed tomography-guided percutaneous transluminal septal myocardial ablation. *Int J Cardiol*. 2014 Dec 24;181C:349-350.
46. Watanabe Y, Chevalier B, **Hayashida K**, Leong T, Bouvier E, Arai T, Farge A, Hovasse T, Garot P, Cormier B, Morice MC, Lefèvre T. Comparison of multislice computed tomography findings between bicuspid and tricuspid aortic valves before and after transcatheter aortic valve implantation. *Catheter Cardiovasc Interv*. 2015 Jan 9. doi: 10.1002/ccd.25830.
47. Inohara T, **Hayashida K**, Yashima F, Maekawa Y, Shimizu H, Fukuda K. "Dual role" guiding catheter: a new technique for patients requiring coronary protection during transcatheter aortic valve implantation. *Cardiovasc Interv Ther*. 2015 Mar 12.
48. Inohara T, Kohsaka S, Abe T, Miyata H, Numasawa Y, Ueda I, Nishi Y, Naito K, Shibata M, **Hayashida K**, Maekawa Y, Kawamura A, Sato Y, Fukuda K. Development and validation of a pre-percutaneous coronary intervention risk model of

- contrast-induced acute kidney injury with an integer scoring system. *Am J Cardiol*. 2015 Jun 15;115(12):1636-42.
49. Watanabe Y, Lefèvre T, Bouvier E, Arai T, **Hayashida K**, Chevalier B, Romano M, Hovasse T, Garot P, Donzeau-Gouge P, Farge A, Cormier B, Morice MC. Prognostic value of aortic root calcification volume on clinical outcomes after transcatheter balloon-expandable aortic valve implantation. *Catheter Cardiovasc Interv*. 2015 May 6.
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51. Yashima F, **Hayashida K**, Fukuda K. Delivery balloon-induced ascending aortic dissection: An unusual complication during transcatheter aortic valve implantation. *Catheter Cardiovasc Interv*. 2015 May 11.
52. Watanabe Y, Chevalier B, **Hayashida K**, Leong T, Bouvier E, Arai T, Farge A, Hovasse T, Garot P, Cormier B, Morice MC, Lefèvre T. Rebuttal: Comparison of multislice computed tomography findings between bicuspid and tricuspid aortic valves before and after transcatheter aortic valve implantation. *Catheter Cardiovasc Interv*. 2015 May 29.
53. Takamatsu M, Hirotani T, Ohtsubo S, Saito S, Takeuchi S, Hasegawa T, Endo A, Yamasaki Y, **Hayashida K**. [Aortic Valve Replacement after Balloon Valvuloplasty for Aortic Valve Stenosis in a Dialysis Patient with Cardiogenic Shock; Report of a Case]. *Kyobu Geka*. 2015 Jun;68(6):460-4.
54. Inohara T, Kawakami T, Kataoka M, Yamamoto M, Kimura M, Kanazawa H, Yuasa S, **Hayashida K**, Maekawa Y, Fukuda K. Lesion morphological classification by OCT to predict therapeutic efficacy after balloon pulmonary angioplasty in CTEPH. *Int J Cardiol*. 2015 Oct 15;197:23-5.
55. Inohara T, Kohsaka S, Miyata H, Ueda I, **Hayashida K**, Maekawa Y, Kawamura A, Numasawa Y, Suzuki M, Noma S, Nishi Y, Fukuda K. Real-World Use and Appropriateness of Coronary Interventions for Chronic Total Occlusion (from a Japanese Multicenter Registry). *Am J Cardiol*. 2015 Sep 15;116(6):858-64.
56. Fujita J, Kohsaka S, Ueda I, Inohara T, Maekawa Y, Kawamura A, Kanazawa H, **Hayashida K**, Tabei R, Tohyama S, Seki T, Suzuki M, Sano M, Fukuda K. The Prevalence of Clinically Significant Ischemia in Patients Undergoing Percutaneous Coronary Intervention: A Report from the Multicenter Registry. *PLoS One*. 2015 Jul 31;10(7):e0133568.
57. Akita K, Maekawa Y, Tsuruta H, Okuda S, Yanagisawa R, Kageyama T, Kawakami T, Kanazawa H, **Hayashida K**, Yuasa S, Murata M, Jinzaki M, Fukuda K. "Moving left ventricular obstruction" due to stress cardiomyopathy in a patient with hypertrophic obstructive cardiomyopathy treated with percutaneous transluminal septal myocardial ablation. *Int J Cardiol*. 2015 Aug 25;202:194-195.
58. Inohara T, **Hayashida K**, Watanabe Y, Yamamoto M, Takagi K, Yashima F, Arai T, Shimizu H, Chevalier B, Lefèvre T, Fukuda K, Morice MC. Streamlining the learning process for TAVI: Insight from a comparative analysis of the OCEAN-TAVI and the massy registries. *Catheter Cardiovasc Interv*. 2015 Oct 22. doi: 10.1002/ccd.26266. [Epub ahead of print]
59. Maekawa Y, Akita K, Tsuruta H, Yashima F, Kimura M, Yamada Y, Kawakami T, Kanazawa H, **Hayashida K**, Yuasa S, Murata M, Jinzaki M, Fukuda K. "Protruding Myocardium" as a Target for Percutaneous Transluminal Septal Myocardial Ablation in a Case of Hypertrophic Obstructive Cardiomyopathy. *JACC Cardiovasc Interv*. 2015 Oct;8(12):e201-2.

60. Arai T, Lefèvre T, Hovasse T, **Hayashida K**, Watanabe Y, O'Connor SA, Benamer H, Garot P, Cormier B, Bouvier E, Morice MC, Chevalier B. Evaluation of the learning curve for transcatheter aortic valve implantation via the transfemoral approach. *Int J Cardiol*. 2015 Oct 26;203:491-497.
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63. Isobe S, Ieda M, Kohno T, Nishiyama T, Maekawa Y, Tsuruta H, Murata M, Yashima F, Yanagisawa R, Tanaka M, Inami S, Nasuno T, Haruyama A, Sano M, **Hayashida K**, Fukuda K. Effective Cibenzoline Treatment in a Patient With Midventricular Obstruction After Transcatheter Aortic Valve Implantation. *Circ Heart Fail*. 2016 Jan;9(1):e002629. doi: 10.1161/CIRCHEARTFAILURE.115.002629. Epub 2015 Dec 23
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65. Kanazawa H, Kawamura A, Kimura M, Akita K, Yashima F, Arai T, Kawakami T, **Hayashida K**, Tsuruta H, Yuasa S, Itabashi Y, Murata M, Maekawa Y, Fukuda K. *JACC Cardiovasc Interv*. 2016 Feb 25. pii: S1936-8798(15)01970-6. doi: 10.1016/j.jcin.2015.12.016.
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