

# **CURRICULUM VITAE**

(as of January, 2021)

Hidehiro KANEKO, MD, PhD, FESC.

## ■ PERSONAL INFORMATION

<b>NAME</b>	Hidehiro Kaneko		
<b>DATE OF BIRTH</b>	April 2, 1979		
<b>BUSINESS</b>	The University of Tokyo, Department of Cardiovascular Medicine		
	<b>ADDRESS</b>	7-3-1 Hongo, Bunkyo-ku, Tokyo 113-8655, Japan	
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## ■ EDUCATION

<b>PERIOD</b>	<b>UNIVERSITY</b>
1998-2004	Medical Training (M.D.) Keio University School of Medicine, Tokyo, Japan
2006-2010	Graduate School Keio University School of Medicine, Tokyo, Japan
2013	PhD. Keio University School of Medicine, Tokyo, Japan Role of vascular endothelial growth factor-Ain development of abdominal aortic aneurysm.

## ■ EMPLOYMENT

<b>PERIOD</b>	<b>INSTITUTE/UNIVERSITY</b>	<b>POSITION</b>
2004-2006	Saiseikai Central Hospital, Tokyo, Japan	Resident
2010-2011	Isehara Kyodo Hospital, Kanagawa, Japan	Clinical Fellow
	Keio University School of Medicine, Tokyo, Japan	Instructor (Department of Cardiology)
2011-2014	The Cardiovascular Institute, Tokyo, Japan	Clinical Fellow
	Keio University School of Medicine, Tokyo, Japan	Visiting Researcher (Department of Pathology)
2014-2016	Heart Center Brandenburg	Guest Doctor
2016-	Heart Center Brandenburg / Medical School Brandenburg	Assistant Doctor (Cardiology)
2017-	The University of Tokyo	Assistant Doctor (Cardiology)
2018	The University of Tokyo	Assistant Professor (Cardiology)
	The University of Tokyo	Assistant Professor (Department of Advanced Cardiology)

## ■ CERTIFICATION & LICENSE

<b>CERTIFICATION &amp; LICENSE</b>	<b>DATE</b>	<b>NO.</b>
Medical License, JAPAN	May 10, 2004	#443569
Insurance License, JAPAN	July 1, 2004	#147129
Certification of Board Certified Membership of the Japanese Society of Internal Medicine	September 30, 2008	#37642
Healthcare Provider (American Heart Association)	February 2013	#28307
ACLS Provider (American Heart Association)	March 2013	
Board Certified Member of The Japanese Circulation Society	October 2013	#19433
Approbation als Arzt (German Medical License)	August 2014	
Fellow of ESC	November 2015	

## ■ PUBLICATION (PEER REVIEW)

1. [Kaneko H](#), Itoh H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, Komuro I. Possible association between eating behaviors and cardiovascular disease in the general population: Analysis of a nationwide epidemiological database. *Atherosclerosis*. 2021 in press.
2. [Kaneko H](#), Itoh H, Yotsumoto H, Kiriyama H, Kamon T, Fujiu K, Takeda N, Morita K, Michihata N, Jo T, Morita H, Yasunaga H, Komuro I. Impact of hospital volume on clinical outcomes of hospitalized heart failure patients: Analysis of a nationwide database including 447,818 patients with heart failure. *BMC Cardiovasc Disord*. 2021 in press.
3. Kamon T, [Kaneko H](#), Itoh H, Hiroyuki K, Yoshiko M, Morita H, Yamamichi N, Komuro I. Possible Gender Difference in The Association Between Abdominal Obesity, Chronic Inflammation, and Preclinical Atherosclerosis in The General Population. *Int Heart J*. 2021 in press.
4. [Kaneko H](#), Itoh H, Morita K, Sugimoto T, Konishi M, Kamiya K, Kiriyama H, Kamon T, Fujiu K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, Komuro I. Early Initiation of Feeding and In-hospital Outcomes in Patients Hospitalized for Acute Heart Failure. *Am J Cardiol*. 2021 in press.
5. Nakanishi K, Daimon M, Yoshida Y, Ishiwata J, Sawada N, Hirokawa M, [Kaneko H](#), Nakao T, Mizuno Y, Morita H, Di Tullio MR, Homma S, Komuro I. Relation of Body Mass Index to Adverse Right Ventricular Mechanics. *Am J Cardiol*. 2021 in press.
6. [Kaneko H](#), Itoh H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, Komuro I. Fasting plasma glucose and subsequent cardiovascular disease among young adults: Analysis of a nationwide epidemiological database. *Atherosclerosis*. 2020 in press.
7. Kamon T, [Kaneko H](#), Kiriyama H, Itoh H, Fujiu K, Kumazawa R, Morita K, Michihata N, Jo T, Miura M, Kodera S, Uehara M, Ando J, Inoue T, Kinoshita O, Yamauchi H, Mori Y, Nakao T, Daimon M, Takeda N, Morita H, Ono M, Yasunaga H, Komuro I. Transcatheter Aortic Valve Implantation and Surgical Aortic Valve Replacement for Aortic Stenosis in Japan. - Analysis of a Nationwide Inpatient Database -. *Circ Rep*. 2020 in press.
8. Itoh H, [Kaneko H](#), Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, Komuro I. Metabolically Healthy Obesity and the Risk of Cardiovascular Disease in General Population: Analysis of a Nationwide Epidemiological Database. *Circ J*. 2020 in press.
9. [Kaneko H](#), Itoh H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, Komuro I. Lipid Profile and Subsequent Cardiovascular Disease among Young Adults Aged < 50 Years. *Am J Cardiol*. 2020 in press.
10. [Kaneko H](#), Itoh H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Morita H, Yasunaga H, Komuro I. Association of Cardiovascular Health Metrics with Subsequent Cardiovascular Disease in Young Adults. *J Am Coll Cardiol*. 2020 Nov 17;76(20):2414-2416.
11. [Kaneko H](#), Itoh H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, Komuro I. Restfulness from sleep and subsequent cardiovascular disease in the general population. *SciRep*. 2020 Nov 12;10(1):19674.
12. [Kaneko H](#), Itoh H, Yotsumoto H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, Komuro I. Association of Isolated Diastolic Hypertension Based on the Cutoff Value in the 2017 American College of Cardiology/American Heart Association Blood Pressure Guidelines With Subsequent Cardiovascular Events in the General Population. *J Am Heart Assoc*. 2020 Oct 20;9(19):e017963.
13. Itoh H, [Kaneko H](#), Kiriyama H, Kamon T, Fujiu K, Morita K, Yotsumoto H, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, Komuro I. Reverse J-shaped relationship between body mass index and in-hospital mortality of patients hospitalized for heart failure in Japan. *Heart Vessels*. 2020 in press.
14. [Kaneko H](#), Itoh H, Yotsumoto H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, and Komuro I. Association of Cancer with Outcomes in Patients Hospitalized for Heart Failure. *Circ J*. 2020 Sep 25;84(10):1771-1778.
15. [Kaneko H](#), Kiriyama H, Kamon T, Itoh H, Kodera S, Fujiu K, Daimon M, Morita H, Hatano M, and Komuro I. Percutaneous Mitral Valve Intervention using MitraClip for Functional Mitral Regurgitation and Heart Failure. *Int Heart J* in press.
16. Itoh H, [Kaneko H](#), Yotsumoto H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Takeda N, Morita H, Yasunaga H, and Komuro I. Serial Change in Clinical Presentations and Outcomes of 5,740 Patients Requiring Repeated Hospital Admissions (Four or More Times) due to Worsened Heart Failure *Int Heart J* in press.
17. [Kaneko H](#), Itoh H, Yotsumoto H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Morita H, Yasunaga H, and Komuro I. Association of Body Weight Gain with Subsequent Cardiovascular Event in Non-Obese General Population without Overt Cardiovascular Disease *Atherosclerosis*. 2020 Sep;308:39-44.
18. [Kaneko H](#), Itoh H, Yotsumoto H, Kiriyama H, Kamon T, Fujiu K, Morita K, Kashiwabara K, Michihata N, Jo T, Morita H, Yasunaga H, and Komuro I. Cardiovascular Health Metrics of 87,160 Couples: Analysis of a Nationwide Epidemiological Database *J Atheroscler Thromb*. 2020 in press.

# CURRICULUM VITAE

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19. [Kaneko H](#), Itoh H, Yotsumoto H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Morita H, Yasunaga H, and Komuro I. Characteristics and Outcomes of Super-Elderly Patients (aged  $\geq 90$  Years) Hospitalized for Heart Failure: Analysis of a Nationwide Inpatient Database. *Circ Rep* 2020; 2: 393–399.
20. [Kaneko H](#), Itoh H, Yotsumoto H, Kiriyama H, Kamon T, Fujiu K, Morita K, Michihata N, Jo T, Morita H, Yasunaga H, and Komuro I. Association between the number of hospital admissions and in-hospital outcomes in patients with heart failure *Hypertens Res*. 2020 Dec;43(12):1385-1391.
21. Nakanishi K, Daimon M, Yoshida Y, Sawada N, Hirose K, Iwama K, Yamamoto Y, Ishiwata J, Hirokawa M, [Kaneko H](#), Nakao T, Mizuno Y, Morita H, Di Tullio MR, Homma S, Komuro I. Subclinical hypothyroidism as an independent determinant of left atrial dysfunction in the general population. *J Clin Endocrinol Metab*. in press. 2020
22. Nakanishi K, Daimon M, Yoshida Y, Ishiwata J, Sawada N, Hirokawa M, [Kaneko H](#), Nakao T, Mizuno Y, Morita H, Di Tullio MR, Homma S, Komuro I. Carotid intima-media thickness and subclinical left heart dysfunction in the general population. *Atherosclerosis*. 2020 Jul;305:42-49.
23. Yoshida Y, Nakanishi K, Daimon M, Ishiwata J, Sawada N, Hirokawa M, [Kaneko H](#), Nakao T, Mizuno Y, Morita H, Di Tullio MR, Homma S, Komuro I. Sex-specific difference in the association between arterial stiffness and subclinical left ventricular dysfunction. *Eur Heart J Cardiovasc Imaging*. 2020 in press.
24. Yoshida Y, Nakanishi K, Daimon M, Ishiwata J, Sawada N, Hirokawa M, [Kaneko H](#), Nakao T, Mizuno Y, Morita H, Di Tullio MR, Homma S, Komuro I. Association of arterial stiffness with left atrial structure and phasic function: a community-based cohort study. *J Hypertens*. 2020 Jun;38(6):1140-1148.
25. Nakanishi K, Daimon M, Yoshida Y, Ishiwata J, Sawada N, Hirokawa M, [Kaneko H](#), Nakao T, Mizuno Y, Morita H, Di Tullio MR, Homma S, Komuro I. Serum uric acid level and subclinical left ventricular dysfunction: a community-based cohort study. *ESC Heart Fail*. 2020 Apr 6. doi: 10.1002/ehf2.12691.
26. Kiriyama H, Daimon M, Nakanishi K, [Kaneko H](#), Nakao T, Morimoto-Ichikawa R, Miyazaki S, Morita H, Daida H, Komuro I. Comparison Between Healthcare-Associated and Community-Acquired Infective Endocarditis at Tertiary Care Hospitals in Japan. *Circ J*. 2020 Mar 25;84(4):670-676.
27. Kiriyama H, [Kaneko H](#), Itoh H, Kamon T, Mizuno Y, Fujiu K, Morita H, Yamamichi N, Komuro I. Association between Changes in Body Weight and Lipid Profile in the General Population A Community-Based Cohort Study. *Eur Heart J Qual Care Clin Outcomes*. 2020 Mar 4;qcaa017.
28. Yoshida Y, Nakanishi K, Daimon M, Ishiwata J, Sawada N, Hirokawa M, [Kaneko H](#), Nakao T, Mizuno Y, Morita H, Di Tullio MR, Homma S, Komuro I. Association of arterial stiffness with left atrial structure and phasic function: a community-based cohort study. *J Hypertens*. in press 2020.
29. Narita K, Amiya E, Kakuda N, [Kaneko H](#), Hatano M, Komuro I. The Efficacy of Lactulose for the Treatment of Hyperammonemic Encephalopathy Due to Severe Heart Failure. *Diagnostics (Basel)* in press. 2020
30. [Kaneko H](#), Morita H, Komuro I. Beautiful Harmony of the Japanese Precious Healthcare Legacies for the New Imperial Era. *Circ J*. 2020 Feb 25;84(3):371-373.
31. Kamon T, [Kaneko H](#), Itoh H, Kiriyama H, Mizuno Y, Morita H, Yamamichi N, Komuro I. Association between Waist Circumference and Carotid Intima-media Thickness in the General Population. *Int Heart J*. 2020 Jan 31;61(1):103-108.
32. Kamon T, [Kaneko H](#), Itoh H, Kiriyama H, Mizuno Y, Morita H, Yamamichi N, Komuro I. Gender-specific association between the blood pressure category according to the updated ACC/AHA guidelines for hypertension and cardio-ankle vascular index: A community-based cohort study. *J Cardiol*. 2020 May;75(5):578-582.
33. Yoshida Y, Nakanishi K, Daimon M, Ishiwata J, Sawada N, Hirokawa M, [Kaneko H](#), Nakao T, Mizuno Y, Morita H, Di Tullio MR, Homma S, Komuro I. Alteration of Cardiac Performance and Serum B-Type Natriuretic Peptide Level in Healthy Aging. *J Am Coll Cardiol*. 2019 Oct 8;74(14):1789-1800.
34. Itoh H, [Kaneko H](#), Kiriyama H, Kamon T, Mizuno Y, Morita H, Yamamichi N, Komuro I. Association between Changes in Body Weight and Fat Weight in Middle Age General Population: A community-based cohort study *Int Heart J*. 2020;61(1):15-20.
35. Itoh H, [Kaneko H](#), Kiriyama H, Nakanishi K, Mizuno Y, Daimon M, Morita H, Yamamichi N, Komuro I. Effect of Body Weight Change on Blood Pressure in Japanese General Population with Body Mass Index  $\geq 22\text{kg/m}^2$ : A Community-based Cohort Study. *Int Heart J*. 2019 Nov 30;60(6):1381-1386.
36. Komuro I, [Kaneko H](#), Morita H, Isobe M, Nakayama H, Yamaguchi T, Minematsu K, Yazaki Y. Nationwide Actions against Heart Failure Pandemic in Japan -What should we do from academia? - *Circ J*. 2019 Aug 23;83(9):1819-1821.
37. Bannehr M, Kahn U, Okamoto M, [Kaneko H](#), Hähnel V, Neuß M, Haase-Fielitz A, Butter C. Post-procedural tricuspid regurgitation predicts long-term survival in patients undergoing percutaneous mitral valve repair. *J Cardiol*. in press.
38. Kiriyama H, [Kaneko H](#), Itoh H, Yoshida Y, Nakanishi K, Mizuno Y, Daimon M, Morita H, Yamamichi N, Komuro I. Effect of cigarette smoking on carotid artery atherosclerosis: a community-based cohort study. *Heart Vessels*. 2020 Jan;35(1):22-29.

39. Itoh H, [Kaneko H](#), Kiriyaama H, Yoshida Y, Nakanishi K, Mizuno Y, Daimon M, Morita H, Yatomi Y, Yamamichi N, Komuro I. Effect of Metabolically Healthy Obesity on the Development of Carotid Plaque in General Population: A community-based cohort study. *J Atheroscler Thromb*. 2020 Feb 1;27(2):155-163.
40. Itoh H, [Kaneko H](#), Kiriyaama H, Yoshida Y, Nakanishi K, Mizuno Y, Daimon M, Morita H, Yatomi Y, Komuro I. Relation between the Updated Blood Pressure Classification according to the ACC/AHA Guidelines and Carotid Intima-media Thickness. *Am J Cardiol*. 2019 Aug 1;124(3):396-401.
41. Kiriyaama H, [Kaneko H](#), Itoh H, Yoshida Y, Nakanishi K, Mizuno Y, Daimon M, Morita H, Yatomi Y, Komuro I. Role of Anemia and Proteinuria in the Development of Subsequent Renal Function Deterioration in a General Population with Preserved Glomerular Filtration Rate: A Community-Based Cohort Study. *J Nephrol*. 2019 Oct;32(5):775-781.
42. Kiriyaama H, Kodera S, Minatsuki S, [Kaneko H](#), Kikuchi H, Kiyosue A, Toko H, Daimon M, Ando J, Morita H, Komuro I. Short-Term and Long-Term Efficacy of Drug-Coated Balloon for In-Stent Restenosis in Hemodialysis Patients with Coronary Artery Disease. *Int Heart J* in press.
43. Kitamura M, [Kaneko H](#), Schlüter M, Schewel D, Schmidt T, Alessandrini H, Kreidel F, Okamoto M, Neuss M, Butter C, Kuck KH, Frerker C. Predictive impact of previous coronary artery bypass grafting on mortality after MitraClip implantation for ischemic functional mitral regurgitation. *Int J Cardiol*. 2019 Jun 15;285:21-26.
44. [Kaneko H](#), Komuro I. C-Reactive Protein and Chronic Inflammation - Is It a Novel Therapeutic Target for Subsequent Cancer Death in Patients With Coronary Artery Disease? *Circ J*. 2019 Feb 25;83(3):513-514.
45. Kiriyaama H, [Kaneko H](#), Itoh H, Uehara M, Kodera S, Kiyosue A, Yamauchi H, Daimon M, Ando J, Morita H, Ono M, Komuro I. Left Main Coronary Artery Obstruction by Huge Non-coronary Cusp Calcification After Transcatheter Aortic Valve Replacement. *JACC Cardiovasc Interv*. 2019 Jul 8;12(13):1285-1287.
46. [Kaneko H](#), Hoelschermann F, Tambor G, Okamoto M, Neuss M, Butter C. Impact of N-terminal pro-B-type natriuretic peptide response on long-term prognosis after transcatheter aortic valve implantation for severe aortic stenosis and heart failure. *Heart Vessels*. 2019 May;34(5):777-783.
47. Butter C, [Kaneko H](#), Tambor G, Hara M, Neuss M, Hoelschermann F. Clinical utility of intraprocedural three-dimensional integrated image guided transcatheter aortic valve implantation using novel automated computed tomography software: A single center preliminary experience. *Catheter Cardiovasc Interv*. 2019 Mar 1;93(4):722-728.
48. Kitamura M, [Kaneko H](#), Schlueter M, Schewel D, Schmidt T, Alessandrini H, Kreidel F, Neuss M, Butter C, Kuck KK, Frerker C. Predictors of mortality in ischaemic versus non-ischaemic functional mitral regurgitation after successful transcatheter mitral valve repair using MitraClip: results from two high-volume centres. *Clin Res Cardiol*. 2019 Mar;108(3):264-272.
49. [Kaneko H](#), Kitamura M, Neuss M, Okamoto M, Schmidt T, Alessandrini H, Kuck KK, Komuro I, Frerker C, Butter C. MitraClip in Patients with Mitral Regurgitation and Left Ventricular Ejection Fraction < 30% - Potential Implications for the Treatment of Patients in Japan. *Circ J*. 2018 Sep 25;82(10):2672-2675.
50. [Kaneko H](#), Hoelschermann F, Seifert M, Tambor G, Okamoto M, Moeller V, Neuss M, Butter C. Predictors of Permanent Pacemaker Implantation after Transcatheter Aortic Valve Implantation for Aortic Stenosis using Medtronic New Generation Self-Expanding CoreValve Evolut R. *Heart Vessels*. 2019 Feb;34(2):360-367.
51. [Kaneko H](#), Neuss M, Okamoto M, Weissenborn J, Butter C. Impact of Preprocedural Anemia on Outcomes of Patients with Mitral Regurgitation Undergoing MitraClip Implantation. *Am J Cardiol*. 2018 Sep 1;122(5):859-865.
52. Yoon SH, Schmidt T, Bleiziffer S, Schofer N, Fiorina C, Munoz-Garcia AJ, Yzeiraj E, Amat-Santos IJ, Tchetché D, Jung C, Fujita B, Mangieri A, Deutsch MA, Ubben T, Deuschl F, Kuwata S, De Biase C, Williams T, Dhoble A, Kim WK, Ferrari E, Barbanti M, Vollema EM, Miceli A, Giannini C, Attizzani GF, Kong WKF, Gutierrez-Ibanes E, Jimenez Diaz VA, Wijeyesundera HC, [Kaneko H](#), Chakravarty T, Makar M, Sievert H, Hengstenberg C, Prendergast BD, Vincent F, Abdel-Wahab M, Nombela-Franco L, Silaschi M, Tarantini G, Butter C, Ensminger SM, Hildick-Smith D, Petronio AS, Yin WH, De Marco F, Testa L, Van Mieghem NM, Whisenant BK, Kuck KH, Colombo A, Kar S, Moris C, Delgado V, Maisano F, Nietlispach F, Mack MJ, Schofer J, Schaefer U, Bax JJ, Frerker C, Latib A, Makkar RR. Transcatheter Aortic Valve Replacement in Pure Native Aortic Valve Regurgitation. *J Am Coll Cardiol*. 2017 Dec 5;70(22):2752-2763.
53. [Kaneko H](#), Hara M, Mizutani K, Yoshiyama M, Yokoi K, Kabata D, Shintani A, Kitamura T. Improving Outcomes of Witnessed Out-of-Hospital Cardiac Arrest after Implementation of ILCOR 2010 Consensus: A Nationwide Prospective Observational Population-Based Study. *J Am Heart Assoc*. 2017 Aug 18;6(8).
54. [Kaneko H](#), Hoelschermann F, Schau T, Tambor G, Neuss M, and Butter C. Different impact of aortic regurgitation assessed by aortic root angiography after transcatheter aortic valve implantation according to baseline left ventricular ejection fraction and N-terminal pro-B-type natriuretic peptide. *Cardiovasc Interv Ther*. 2018 Jul;33(3):232-238.
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(as of January, 2021)

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- Schmidt T, Ohno Y, Schofer N, Kong WK, Tay E, Sugiyama D, Kawamori H, Maeno Y, Abramowitz Y, Chakravarty T, Nakamura M, Kuwata S, Yong G, Kao HL, Lee M, Kim HS, Modine T, Wong SC, Bedgoni F, Testa L, Teiger E, Butter C, Ensminger SM, Schaefer U, Dvir D, Blanke P, Leipsic J, Nietlispach F, Abdel-Wahab M, Chevalier B, Tamburino C, Hildick-Smith D, Whisenant BK, Park SJ, Colombo A, Latib A, Kodali SK, Bax JJ, Søndergaard L, Webb JG, Lefèvre T, Leon MB, Makkar R. Procedural and Clinical Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus Tricuspid Aortic Valve Stenosis. *J Am Coll Cardiol*. 2017 Mar 15. pii: S0735-1097(17)36041-2.
56. Kaneko H, Neuss M, Weissenborn J, Butter C. Predictors of Thrombus Formation after Percutaneous Left Atrial Appendage Closure using the WATCHMAN Device. *Heart Vessels*. 2017 Sep;32(9):1137-1143.
  57. Kaneko H, Neuss M, Weissenborn J, Butter C. Role of Right Ventricular Dysfunction and Diabetes Mellitus in N-terminal pro-B-type Natriuretic Peptide Response of Patients With Severe Mitral Regurgitation and Heart Failure After MitraClip. *Int Heart J*. 2017 Apr 6;58(2):225-231.
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