

1. Mitsuda T, Uemura Y, Ishii H, Tanaka A, Takemoto K, Koyasu M, Ishikawa S, Shibata R, Watarai M, Murohara T. Prognostic impact of lipoprotein(a) levels during lipid management with statins after ST-elevation acute myocardial infarction. *Coron Artery Dis.* 2019 (in press)
2. Yanagisawa S, Inden Y, Okamoto H, Fujii A, Sakamoto Y, Mamiya K, Tomomatsu T, Shibata R, Murohara T. Electrocardiogram characteristics of P wave associated with successful pulmonary vein isolation in patients with paroxysmal atrial fibrillation: Significance of changes in P-wave duration and notched P wave. *Ann Noninvasive Electrocardiol.* 2019:e12712.
3. Sakaguchi T, Takefuji M, Wettschureck N, Hamaguchi T, Amano M, Kato K, Tsuda T, Eguchi S, Ishihama S, Mori Y, Yura Y, Yoshida T, Unno K, Okumura T, Ishii H, Shimizu Y, Bando YK, Ohashi K, Ouchi N, Enomoto A, Offermanns S, Kaibuchi K, Murohara T. Protein Kinase N Promotes Stress-Induced Cardiac Dysfunction Through Phosphorylation of Myocardin-Related Transcription Factor A and Disruption of its Interaction with Actin. *Circulation.* 2019 (in press)
4. Iwakawa N, Tanaka A, Ishii H, Kataoka T, Niwa K, Hitora Y, Tashiro H, Mitsuda T, Kojima H, Hirayama K, Furusawa K, Yoshida R, Suzuki S, Murohara T. Impact of Diabetes Mellitus on the Aortic Wall Changes as Atherosclerosis Progresses: Aortic Dilatation and Calcification. *J Atheroscler Thromb.* 2019 (in press)
5. Ishii H, Murohara T. How Do We Improve the Utility of Fractional Flow Reserve? - For Precise Diagnosis of Myocardial Ischemia. *Circ J.* 2019;83(10):1986-1987.
6. Kondo T, Nakano Y, Adachi S, Murohara T. Effects of Tobacco Smoking on Cardiovascular Disease. *Circ J.* 2019;83(10):1980-1985.
7. Kondo T, Yamada S, Tanimura D, Kazama S, Ishihara T, Shimojo M, Iwata E, Kondo S, Hiraiwa H, Kato T, Sano H, Awaji Y, Okumura T, Murohara T. Neuromuscular electrical stimulation is feasible in patients with acute heart failure. *ESC Heart Fail.* 2019 (in press)
8. Yoshida R, Ishii H, Morishima I, Tanaka A, Takagi K, Yoshioka N, Kataoka T, Tashiro H, Hitora

- Y, Niwa K, Furusawa K, Morita Y, Tsuboi H, Murohara T. Prognostic impact of recanalizing chronic total occlusion in non-infarct related arteries on long-term clinical outcomes in acute myocardial infarction patients undergoing primary percutaneous coronary intervention. *Cardiovasc Interv Ther.* 2019 (in press)
9. Shibata N, Takagi K, Morishima I, Yoshioka N, Furui K, Nagai H, Kanzaki Y, Yoshida R, Morita Y, Tsuboi H, Murohara T. The impact of the excimer laser on myocardial salvage in ST-elevation acute myocardial infarction via nuclear scintigraphy. *Int J Cardiovasc Imaging.* 2019 (in press)
 10. Yoshida R, Takagi K, Ishii H, Morishima I, Tanaka A, Morita Y, Kanzaki Y, Nagai H, Watanabe N, Furui K, Shibata N, Yoshioka N, Yamauchi R, Komeyama S, Sugiyama H, Tsuboi H, Murohara T. Myocardial salvage after ST-segment-elevation myocardial infarction: comparison between prasugrel and clopidogrel in the presence or absence of high-residual platelet reactivity. *J Nucl Cardiol.* 2019 (in press)
 11. Yoshida R, Ishii H, Morishima I, Tanaka A, Morita Y, Takagi K, Yoshioka N, Hirayama K, Iwakawa N, Tashiro H, Kojima H, Mitsuda T, Hitora Y, Furusawa K, Tsuboi H, Murohara T. Early versus delayed invasive strategy in patients with non-ST-elevation acute coronary syndrome and concomitant congestive heart failure. *J Cardiol.* 2019;74(4):320-327.
 12. Ishii H, Murohara T. Kidney Measures to Improve Risk Discrimination of Cardiovascular Events. *Circ J.* 2019;83(9):1836-1837.
 13. Okumura T, Kimura Y, Murohara T. Heart rate control using beta-blockers for heart failure with atrial fibrillation: more than enough is too much. *Hypertens Res.* 2019 (in press)
 14. Okumura T, Murohara T. Unsolved Issue in Left Ventricular Noncompaction: Is the Strange Form of Myocardium Congenital or Acquired? *Cardiology.* 2019:1-2.
 15. Furusawa K, Takeshita K, Suzuki S, Tatami Y, Morimoto R, Okumura T, Yasuda Y, Murohara T. Assessment of abdominal aortic calcification by computed tomography for prediction of latent left ventricular stiffness and future cardiovascular risk in pre-dialysis patients with chronic kidney disease: A single center cross-sectional study. *Int J Med Sci.* 2019;16(7):939-948.

16. Fujii A, Inden Y, Yanagisawa S, Mamiya K, Okamoto H, Sakamoto Y, Tomomatsu T, Shibata R, Murohara T. Discontinuous contraction in the left ventricle assessed by 2-D speckle tracking echocardiography benefits from CRT. *Pacing Clin Electrophysiol.* 2019;42(9):1204-1212.
17. Ammirati E, Veronese G, Brambatti M, Merlo M, Cipriani M, Potena L, Sormani P, Aoki T, Sugimura K, Sawamura A, Okumura T, Pinney S, Hong K, Shah P, Braun Ö, Van de Heyning CM, Montero S, Petrella D, Huang F, Schmidt M, Raineri C, Lala A, Varrenti M, Foà A, Leone O, Gentile P, Artico J, Agostini V, Patel R, Garascia A, Van Craenenbroeck EM, Hirose K, Isotani A, Murohara T, Arita Y, Sionis A, Fabris E, Hashem S, Garcia-Hernando V, Oliva F, Greenberg B, Shimokawa H, Sinagra G, Adler ED, Frigerio M, Camici PG. Fulminant Versus Acute Nonfulminant Myocarditis in Patients With Left Ventricular Systolic Dysfunction. *J Am Coll Cardiol.* 2019 Jul 23;74(3):299-311.
18. Arao Y, Sawamura A, Nakatochi M, Okumura T, Kato H, Oishi H, Yamaguchi S, Haga T, Kuwayama T, Yokoi T, Hiraiwa H, Kondo T, Morimoto R, Murohara T. Early Blood Pressure Reduction by Intravenous Vasodilators Is Associated With Acute Kidney Injury in Patients With Hypertensive Acute Decompensated Heart. *Circ J.* 2019;83(9):1883-1890.
19. Yoshida R, Ishii H, Morishima I, Tanaka A, Morita Y, Takagi K, Yoshioka N, Hirayama K, Iwakawa N, Tashiro H, Kojima H, Mitsuda T, Hitora Y, Furusawa K, Tsuboi H, Murohara T. Impact of Postdischarge Bleeding on Long-Term Mortality in Percutaneous Coronary Intervention Patients Taking Oral Anticoagulants. *J Cardiovasc Pharmacol.* 2019;74(3):210-217.
20. Mizutani Y, Kanashiro M, Makino Y, Satake A, Suzuki W, Kurobe M, Mizutani K, Ichimiya H, Uchida Y, Watanabe J, Ichimiya S, Inden Y, Murohara T. Earliest pulmonary vein potential-guided cryoballoon ablation for atrial fibrillation. *Heart Vessels.* 2019 (in press)
21. Yamamoto T, Yamashita K, Miyamae K, Koyama Y, Izumimoto M, Kamimura Y, Hayakawa S, Mori K, Yamada T, Tomita Y, Murohara T. The influence of frailty under direct oral anticoagulant use in patients with atrial fibrillation. *Heart Asia.* 2019;11(2):e011212.
22. Wang H, Meng X, Piao L, Inoue A, Xu W, Yu C, Nakamura K, Hu L, Sasaki T, Wu H, Unno K,

- Umegaki H, Murohara T, Shi GP, Kuzuya M, Cheng XW. Cathepsin S Deficiency Mitigated Chronic Stress-Related Neointimal Hyperplasia in Mice. *J Am Heart Assoc.* 2019;8(14):e011994.
23. Uemura Y, Takemoto K, Koyasu M, Ishikawa S, Ishii H, Murohara T, Watarai M. Clinical outcomes of rotational atherectomy in severely calcified in-stent restenosis: a single-center, retrospective study. *Nagoya J Med Sci.* 2019 ;81(2):313-323.
24. Kano N, Kato T, Tomohara T, Futamura Y, Yoshida S, Okumura T, Maeda K, Murohara T, Oda K. Gatekeeping in an inpatient rehabilitation facility to reduce morbidity and mortality due to cardiac disease: screening program using of BNP and ECG Auto-diagnosis. *Nagoya J Med Sci.* 2019 ;81(2):303-312.
25. Yanagisawa S, Inden Y, Fujii A, Sakamoto Y, Ichiyangi H, Shibata R, Murohara T. Identification of precise accessory pathway using ultra-high-resolution three-dimensional mapping system: utility and feasibility in preliminary experience. *J Interv Card Electrophysiol.* 2019;55(2):241-242.
26. Hara A, Kobayashi H, Asai N, Saito S, Higuchi T, Kato K, Okumura T, Bando YK, Takefuji M, Mizutani Y, Miyai Y, Saito S, Maruyama S, Maeda K, Ouchi N, Nagasaka A, Miyata T, Mii S, Kioka N, Worthley DL, Murohara T, Takahashi M, Enomoto A. Roles of the Mesenchymal Stromal/Stem Cell Marker Mefflin in Cardiac Tissue Repair and the Development of Diastolic Dysfunction. *Circ Res.* 2019;125(4):414-430.
27. Unno K, Oikonomopoulos A, Fujikawa Y, Okuno Y, Narita S, Kato T, Hayashida R, Kondo K, Shibata R, Murohara T, Yang Y, Dangwal S, Sereti KI, Yiling Q, Johnson K, Jha A, Sosnovik DE, Fann Y, Liao R. Alteration in ventricular pressure stimulates cardiac repair and remodeling. *J Mol Cell Cardiol.* 2019;133:174-187.
28. Eguchi S, Takefuji M, Sakaguchi T, Ishihama S, Mori Y, Tsuda T, Takikawa T, Yoshida T, Ohashi K, Shimizu Y, Hayashida R, Kondo K, Bando YK, Ouchi N, Murohara T. Cardiomyocytes capture stem cell-derived, anti-apoptotic microRNA-214 via clathrin-mediated endocytosis in acute myocardial infarction. *J Biol Chem.* 2019;294(31):11665-11674.

29. Hirashiki A, Adachi S, Okumura N, Nakano Y, Shimokata S, Shimizu A, Arai H, Toba K, Murohara T, Kondo T. Medium-term health-related quality of life in patients with pulmonary arterial hypertension treated with goal-oriented sequential combination therapy based on exercise capacity. *Health Qual Life Outcomes*. 2019;17(1):103.
30. Hiraiwa H, Morimoto R, Okumura T, Arao Y, Oishi H, Kato H, Yamaguchi S, Kuwayama T, Haga T, Yokoi T, Kondo T, Watanabe N, Mitsuda T, Fukaya K, Sawamura A, Tanaka A, Ishii H, Morishima I, Tsuboi H, Murohara T. A survival case of a young adult patient with ST-elevated myocardial infarction with high levels of lipoprotein(a). *J Cardiol Cases*. 2019;19(6):207-210.
31. Nagashima K, Hiro T, Fukamachi D, Okumura Y, Watanabe I, Hirayama A, Tanaka M, Tanaka T, Takamisawa I, Taguchi I, Sato A, Aonuma K, Fukamizu S, Nakada A, Watanabe A, Amioka N, Suzuki Y, Matsumoto N, Koizumi J, Kumagai K, Naya M, Higuchi Y, Naito Y, Masuyama T, Kawamura M, Tsunoda R, Suzuki S, Ishii H, Murohara T, Shimizu T, Takeishi Y, Shiina K, Yamashita J, Imamura T, Sumitomo N, Noguchi T, Aso T, Furukawa K, Yamauchi Y, Okishige K, Sakata K, Yamagishi M, Shimizu S, Ohno M, Sugano T, Matsumura K, Matsumoto K, Ozaki K, Hayashidani S, Meno H, Iwata A, Higuma T, Tomita H, Yoshino H, Taniai S, Shishido K, Murakami M, Negishi K, Nii M, Wakatsuki D, Suzuki H, Motoike Y, Ozaki Y, Nakazato J, Hayashi H, Higuchi S, Shoda M. Anomalous origin of the coronary artery coursing between the great vessels presenting with a cardiovascular event (J-CONOMALY Registry). *Eur Heart J Cardiovasc Imaging*. 2019 (in press)
32. Sakamoto Y, Inden Y, Okamoto H, Mamiya K, Tomomatsu T, Fujii A, Yanagisawa S, Shibata R, Hirai M, Murohara T. T-wave changes of cardiac memory caused by frequent premature ventricular contractions originating from the right ventricular outflow tract. *J Cardiovasc Electrophysiol*. 2019;30(9):1549-1556.
33. Sugiura Y, Morimoto R, Aoki S, Yamaguchi S, Haga T, Kuwayama T, Yokoi T, Hiraiwa H, Kondo T, Watanabe N, Kano N, Fukaya K, Sawamura A, Okumura T, Murohara T. Prognostic impact of mitral L-wave in patients with hypertrophic cardiomyopathy without risk factors for sudden cardiac death. *Heart Vessels*. 2019 (in press)
34. Yokoi T, Morimoto R, Oishi H, Kato H, Arao Y, Yamaguchi S, Kuwayama T, Haga T, Hiraiwa

- H, Kondo T, Furusawa K, Fukaya K, Sawamura A, Okumura T, Hirashiki A, Murohara T. Left Ventricular Relaxation Half-Time as a Predictor of Cardiac Events in Idiopathic Dilated Cardiomyopathy and Hypertrophic Cardiomyopathy With Left Ventricular Systolic and/or Diastolic Dysfunction. *Am J Cardiol.* 2019 Aug 1;124(3):435-441.
35. Neupane R, Jin X, Sasaki T, Li X, Murohara T, Cheng XW. Immune Disorder in Atherosclerotic Cardiovascular Disease - Clinical Implications of Using Circulating TCell Subsets as Biomarkers. *Circ J.* 2019;83(7):1431-1438.
36. Ando M, Inden Y, Yoshida Y, Sairaku A, Yanagisawa S, Suzuki H, Watanabe R, Takenaka M, Maeda M, Murohara T. Correction to: Differences in prothrombotic response between the uninterrupted and interrupted apixaban therapies in patients undergoing cryoballoon ablation for paroxysmal atrial fibrillation: a randomized controlled study. *Heart Vessels.* 2019;34(9):1542.
37. Aikawa T, Shimada K, Miyauchi K, Miyazaki T, Sai E, Ouchi S, Kadoguchi T, Kunimoto M, Joki Y, Dohi T, Okazaki S, Isoda K, Ohashi K, Murohara T, Ouchi N, Daida H. Associations among circulating levels of follistatin-like 1, clinical parameters, and cardiovascular events in patients undergoing elective percutaneous coronary intervention with drug-eluting stents. *PLoS One.* 2019;14(4):e0216297.
38. Kondo T, Nakano Y, Adachi S, Murohara T. Renin Activity as a Key Predictor of Major Adverse Cardiac Events. *Circ J.* 2019;83(6):1204-1205.
39. Shibata N, Taniguchi T, Umemoto N, Shimizu K, Murohara T. Multimodality findings of coronary stenosis and aneurysm in Takayasu arteritis: a case report. *Coron Artery Dis.* 2019;30(7):551-552.
40. Kondo T, Okumura N, Adachi S, Murohara T. Pulmonary Hypertension: Diagnosis, Management, and Treatment. *Nagoya J Med Sci.* 2019;81(1):19-30.
41. Tsutsui H, Momomura SI, Masuyama T, Saito Y, Komuro I, Murohara T, Kinugawa S; CIBIS-J Investigators. Tolerability, Efficacy, and Safety of Bisoprolol vs. Carvedilol in Japanese Patients With Heart Failure and Reduced Ejection Fraction - The CIBIS-J Trial. *Circ J.*

2019;83(6):1269-1277.

42. Ohtsubo T, Shibata R, Kai H, Okamoto R, Kumagai E, Kawano H, Fujiwara A, Kitazono T, Murohara T, Arima H. Angiotensin-converting enzyme inhibitors versus angiotensin receptor blockers in hypertensive patients with myocardial infarction or heart failure: a systematic review and meta-analysis. *Hypertens Res.* 2019;42(5):641-649.
43. Yanagisawa S, Inden Y, Murohara T. Adjacent multiple accessory pathways demonstrated on ultra-high-resolution mapping. *Europace.* 2019;21(5):723.
44. Ogawa H, Ohashi K, Ito M, Shibata R, Kanemura N, Yuasa D, Kambara T, Matsuo K, Hayakawa S, Hiramatsu-Ito M, Otaka N, Kawanishi H, Yamaguchi S, Enomoto T, Abe T, Kaneko M, Takefuji M, Murohara T, Ouchi N. Adipolin/CTRP12 protects against pathological vascular remodeling through suppression of smooth muscle cell growth and macrophage inflammatory response. *Cardiovasc Res.* 2019 (in press)
45. Yanagisawa S, Inden Y, Shibata R, Murohara T. His bundle pacing with unusual automaticity. *J Cardiovasc Electrophysiol.* 2019;30(6):966-968.
46. Ando M, Inden Y, Yoshida Y, Sairaku A, Yanagisawa S, Suzuki H, Watanabe R, Takenaka M, Maeda M, Murohara T. Differences in prothrombotic response between the uninterrupted and interrupted apixaban therapies in patients undergoing cryoballoon ablation for paroxysmal atrial fibrillation: a randomized controlled study. Murohara T. *Heart Vessels.* 2019;34(9):1533-1541.
47. Shoji K, Yanishi K, Yoshimi R, Hamada N, Kondo K, Fujimoto K, Nakajima H, Kuwahara K, Higashi Y, Fukumoto Y, Murohara T, Matoba S; TACT Follow up Study Investigators. Impact of Therapeutic Angiogenesis Using Autologous Bone Marrow-Derived Mononuclear Cells Implantation in Critical Limb Ischemia With Scleroderma - Subanalysis of the Long-Term Clinical Outcomes Survey. *Circ J.* 2019;83(3):662-671.
48. Yoshida R, Ishii H, Morishima I, Tanaka A, Takagi K, Iwakawa N, Tashiro H, Kojima H, Mitsuda T, Hirayama K, Hitora Y, Furusawa K, Murohara T. Impact of adjunctive use of guide extension catheter for mid-term outcome of drug-coated balloon. *EuroIntervention.* 2019 (in

press)

49. Kikuchi R, Stevens M, Harada K, Oltean S, Murohara T. Anti-angiogenic isoform of vascular endothelial growth factor-A in cardiovascular and renal disease. *Adv Clin Chem.* 2019;88:1-33.
50. Yoshida R, Ishii H, Morishima I, Tanaka A, Morita Y, Takagi K, Yoshioka N, Hirayama K, Iwakawa N, Tashiro H, Kojima H, Mitsuda T, Hitora Y, Furusawa K, Tsuboi H, Murohara T. Performance of HAS-BLED, ORBIT, PRECISE-DAPT, and PARIS risk score for predicting long-term bleeding events in patients taking an oral anticoagulant undergoing percutaneous coronary intervention. *J Cardiol.* 2019;73(6):479-487.
51. Takefuji M, Murohara T. Corticotropin-Releasing Hormone Family and Their Receptors in the Cardiovascular System. *Circ J.* 2019;83(2):261-266.
52. Yoshida R, Ishii H, Morishima I, Tanaka A, Morita Y, Takagi K, Yoshioka N, Hirayama K, Iwakawa N, Tashiro H, Kojima H, Mitsuda T, Hitora Y, Furusawa K, Tsuboi H, Murohara T. Impact of Nutritional and Inflammation Status on Long-Term Bleeding in Patients Undergoing Percutaneous Coronary Intervention with an Oral Anticoagulant. *J Atheroscler Thromb.* 2019;26(8):728-737.
53. Takenaka M, Inden Y, Yanagisawa S, Fujii A, Ando M, Funabiki J, Murase Y, Otake N, Sakamoto Y, Shibata R, Murohara T. Myocardial viability as shown by left ventricular lead pacing threshold and improved dyssynchrony by QRS narrowing predicts the response to cardiac resynchronization therapy. *J Cardiovasc Electrophysiol.* 2019;30(3):311-319.
54. Negishi Y, Tanaka A, Ishii H, Takagi K, Inoue Y, Uemura Y, Umemoto N, Yoshioka N, Morishima I, Asano H, Watarai M, Shibata N, Suzuki S, Murohara T. Contrast-Induced Nephropathy and Long-Term Clinical Outcomes Following Percutaneous Coronary Intervention in Patients With Advanced Renal Dysfunction (Estimated Glomerular Filtration Rate <30 ml/min/1.73 m). *Am J Cardiol.* 2019;123(3):361-367.
55. Murase Y, Inden Y, Imai H, Kyo S, Yanagisawa S, Fujii A, Sakamoto Y, Tomomatsu T, Murohara T. Clinical significance of the timing of early recurrence of atrial arrhythmia after

pulmonary vein isolation: a two-institution clinical study. *Heart Vessels*. 2019;34(5):842-850.

56. Nagao T, Suzuki H, Matsunaga S, Nishikawa Y, Harada K, Mamiya K, Shinoda N, Harada K, Kato M, Marui N, Amano T, Inden Y, Murohara T. Impact of periprocedural anticoagulation therapy on the incidence of silent stroke after atrial fibrillation ablation in patients receiving direct oral anticoagulants: uninterrupted vs. interrupted by one dose strategy. *Europace*. 2019;21(4):590-597.
57. Tanaka A, Kawaguchi A, Oyama JI, Ishizu T, Ito H, Fukui J, Kondo T, Kuroki S, Nanasato M, Higashi Y, Kaku K, Inoue T, Murohara T, Node K. Differential effect of concomitant antidiabetic agents on carotid atherosclerosis: a subgroup analysis of the PROLOGUE study. *Heart Vessels*. 2019;34(2):375-384.
58. Aoki T, Ishii H, Tanaka A, Suzuki S, Ichimiya S, Kanashiro M, Murohara T. Influence of chronic kidney disease and worsening renal function on clinical outcomes in patients undergoing primary percutaneous coronary intervention. *Clin Exp Nephrol*. 2019 Feb;23(2):182-188.
59. Sumi T, Tanaka A, Ishii H, Suzuki S, Kada K, Murohara T. Coronary air embolism following transbronchial lung biopsy. *Cardiovasc Interv Ther*. 2019;34(1):64-66.
60. Mori H, Isobe S, Suzuki S, Unno K, Morimoto R, Kano N, Okumura T, Yasuda Y, Kato K, Murohara T. Prognostic value of left ventricular dyssynchrony evaluated by gated myocardial perfusion imaging in patients with chronic kidney disease and normal perfusion defect scores. *J Nucl Cardiol*. 2019;26(1):288-297.