

Shiro Uemura, M.D., Ph.D.
Curriculum Vitae

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Education

1986	M.D.,	Nara Medical University, Nara, Japan
1992	Ph.D.,	Nara Medical University, Nara, Japan

Postdoctoral Training

1986 - 1988	Resident in Internal Medicine, Nara Medical University
1986 - 1991	Cardiovascular Medicine, Nara Medical University

Professional Training and Employment

1991 - 1993	Staff, Emergency Medicine, Nara Medical University
1993 - 1995	Assistant Professor, Laboratory Medicine, Nara Medical University
1995 -1998	Assistant Professor, Internal Medicine, Nara Medical University
1998 -2000	Research Associate, Cardiovascular Medicine Stanford University School of Medicine
2006-2014	Associate Professor of Medicine (Cardiovascular Medicine) Nara Medical University
January 2015	Professor of Medicine, Chief of Cardiology and Internal Medicine Kawasaki Medical School

Medical License and Certification

Physician's License in Japan (No. 299090) 1986
Diploma, Japanese Board of Internal Medicine, 1991
Diploma, Japanese Board of Cardiology, 1992
Diploma, Japanese Board of Cardiovascular Intervention and Therapeutics (CVIT)

Board of Societies

Japanese Society of Internal Medicine

Japanese Circulation Society (FJCS)

Japanese College of Cardiology (FJCC)

Japanese Society of Cardiovascular Intervention and Therapeutics (CVIT)

European Society of Cardiology (FESC)

Specialty in Cardiology and Research Interest

Interventional Cardiology

Intravascular coronary imaging

Optical Coherence Tomography, Near-Infrared Spectroscopy

Collaboration with MGH OCT registry (Professor Ik-Kyung Jang)

Coronary atherosclerosis

Lipid management

Serum biomarkers of coronary atherosclerosis

Awards

1) YIA: American college of cardiology, Annual Scientific Session 2000

2) YIA: The 11th annual meeting. Society of Vascular Medicine and Biology (2000)

Recent publications (since 2020)

(Total 211 Scientific papers since 2002 (Pubmed))

1: Nishi T, Kume T, Yamada R, Neishi Y, Uemura S. Variation of the Appearance of Intraplaque Hemorrhage on Optical Coherence Tomography and Intravascular Ultrasound. *JACC Cardiovasc Interv.* 2023 Apr 24;16(8):997-999.

2: Okamoto H, Kume T, Nishi T, Koto S, Sasahira Y, Yamada R, Koyama T, Tamada T, Imai K, Neishi Y, Uemura S. Efficacy of Optical Coherence Tomography-Guided Primary Percutaneous Coronary Intervention in Patients with Acute Coronary Syndrome. *Acta Cardiol Sin.* 2023 Mar;39(2):266-276.

3: Nishi T, Kume T, Uemura S. Resuscitated sudden cardiac arrest related to intraplaque haemorrhage and coronary artery spasm. *Eur Heart J.* 2023 May 14;44(19):1766.

4: Nishi T, Kume T, Yamada R, Koto S, Sasahira Y, Okamoto H, Tamada T, Koyama T, Imai K, Neishi Y, Ughi GJ, Uemura S. Efficacy of a new generation intracoronary optical coherence tomography imaging system with fast pullback. *Catheter Cardiovasc Interv.* 2023 Feb;101(3):520-527.

5: Nishi T, Sasahira Y, Kume T, Koto S, Uemura S. Rapid progression of calcified nodules with increased lipid core burden in the right coronary artery. *Cardiovasc Interv Ther.* 2023 Apr;38(2):248-250.

6: Kanaoka K, Onoue K, Terasaki S, Nakano T, Nakai M, Sumita Y, Hatakeyama K, Terasaki F, Kawakami R, Iwanaga Y, Miyamoto Y, Saito Y; Japanese Registry of Fulminant Myocarditis Investigators. Features and Outcomes of Histologically Proven Myocarditis With Fulminant Presentation. *Circulation.* 2022 Nov 8;146(19):1425-1433.

7: Sakagami A, Soeda T, Saito Y, Nakao K, Ozaki Y, Kimura K, Ako J, Noguchi T, Suwa S, Fujimoto K, Dai K, Morita T, Shimizu W, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Wake M, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Tobaru T, Saku K, Oshima S, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET investigators. Clinical impact of beta-blockers at discharge on long-term clinical outcomes in patients with non-reduced ejection fraction after acute myocardial infarction. *J Cardiol.* 2023 Jan;81(1):83-90.

8: Niioka H, Kume T, Kubo T, Soeda T, Watanabe M, Yamada R, Sakata Y, Miyamoto Y, Wang B, Nagahara H, Miyake J, Akasaka T, Saito Y, Uemura S. Automated diagnosis of optical coherence tomography imaging on plaque vulnerability and its relation to clinical outcomes in coronary artery disease. *Sci Rep.* 2022 Aug 18;12(1):14067.

9: Okamoto H, Nishi T, Ishii M, Tsujita K, Koto S, Nakai M, Sumita Y, Iwanaga Y, Matoba S, Kobayashi Y, Hirata KI, Hikichi Y, Yokoi H, Ikari Y, Uemura S. Clinical Characteristics and Outcomes of Patients Presenting With Acute Myocardial Infarction Without Cardiogenic Shock. *Circ J.* 2022 Sep 22;86(10):1527-1538.

10: Ishii M, Tsujita K, Okamoto H, Koto S, Nishi T, Nakai M, Sumita Y, Iwanaga Y, Azuma N, Matoba S, Hirata KI, Hikichi Y, Yokoi H, Ikari Y, Uemura S. Resources for cardiovascular healthcare associated with 30-day mortality in acute myocardial infarction with cardiogenic shock. *Eur Heart J Open.* 2021 Dec 31;2(1):oeab047.

11: Soejima H, Ogawa H, Morimoto T, Okada S, Matsumoto C, Nakayama M, Masuda I, Jinnouchi H, Waki M, Saito Y; JPAD Trial Investigators. Kidney function deterioration is dependent on blood pressure levels: 11.2 year follow-up in diabetic patients. *Heart Vessels.* 2022 Nov;37(11):1873-1881.

12: Nakamura M, Kadota K, Nakao K, Nakagawa Y, Shite J, Yokoi H, Kozuma K, Tanabe K, Akasaka T, Shinke T, Ueno T, Hirayama A, Uemura S, Harada A, Kuroda T, Takita A, Iijima R, Murakami Y, Saito S. CORRIGENDUM: Single Antiplatelet Therapy With Prasugrel vs. Dual Antiplatelet Therapy in Japanese Percutaneous Coronary Intervention Patients With High Bleeding Risk. *Circ J.* 2022;86(6):1060.

13: Nakao K, Kadota K, Nakagawa Y, Shite J, Yokoi H, Kozuma K, Tanabe K, Akasaka T, Shinke T, Ueno T, Hirayama A, Uemura S, Harada A, Kuroda T, Takita A, Iijima R, Murakami Y, Saito S, Nakamura M. Changes in Antithrombotic Therapy Over Time and Durability of a Prasugrel WOEST-Like Regimen for Percutaneous Coronary Intervention Patients With Atrial Fibrillation - Post Hoc Analysis of the PENDULUM Mono and PENDULUM Registries. *Circ Rep.* 2022;4(5):194-204.

14: Nakagawa Y, Kadota K, Nakao K, Shite J, Yokoi H, Kozuma K, Tanabe K, Akasaka T, Shinke T, Ueno T, Hirayama A, Uemura S, Iijima R, Harada A, Kuroda T, Takita A, Murakami Y, Saito S, Nakamura M. Early P2Y₁₂ Inhibitor Single Antiplatelet Therapy for High-Bleeding

Risk Patients After Stenting – PENDULUM Mono 24-Month Analysis. *Circ J.* 2022;86(9):1352-1361.

15: Kadota K, Nakao K, Nakagawa Y, Shite J, Yokoi H, Kozuma K, Tanabe K, Akasaka T, Shinke T, Ueno T, Hirayama A, Uemura S, Harada A, Kuroda T, Takita A, Iijima R, Murakami Y, Saito S, Nakamura M. Clinical Outcomes After Percutaneous Coronary Intervention in East Asian Patients - 30-Month Results of the PENDULUM Registry. *Circ J.* 2022 Aug 25;86(9):1339-1349.

16: Watanabe M, Aonuma K, Murohara T, Okumura Y, Morimoto T, Okada S, Nakamura S, Uemura S, Kuwahara K, Takayama T, Doi N, Nakajima T, Horii M, Ishigami K, Nomoto K, Abe D, Oiwa K, Tanaka K, Koyama T, Sato A, Ueda T, Soeda T, Saito Y; PREVENT CINC-J Investigators. Prevention of Contrast-Induced Nephropathy After Cardiovascular Catheterization and Intervention With High-Dose Strong Statin Therapy in Japan - The PREVENT CINC-J Study. *Circ J.* 2022 Aug 25;86(9):1455-1463.

17: Araki M, Park SJ, Dauerman HL, Uemura S, Kim JS, Di Mario C, Johnson TW, Guagliumi G, Kastrati A, Joner M, Holm NR, Alfonso F, Wijns W, Adriaenssens T, Nef H, Rioufol G, Amabile N, Souteyrand G, Meneveau N, Gerbaud E, Opolski MP, Gonzalo N, Tearney GJ, Bouma B, Aguirre AD, Mintz GS, Stone GW, Bourantas CV, Räber L, Gili S, Mizuno K, Kimura S, Shinke T, Hong MK, Jang Y, Cho JM, Yan BP, Porto I, Niccoli G, Montone RA, Thondapu V, Papafaklis MI, Michalis LK, Reynolds H, Saw J, Libby P, Weisz G, Iannaccone M, Gori T, Toutouzas K, Yonetsu T, Minami Y, Takano M, Raffel OC, Kurihara O, Soeda T, Sugiyama T, Kim HO, Lee T, Higuma T, Nakajima A, Yamamoto E, Bryniarski KL, Di Vito L, Vergallo R, Fracassi F, Russo M, Seegers LM, McNulty I, Park S, Feldman M, Escaned J, Prati F, Arbustini E, Pinto FJ, Waksman R, Garcia-Garcia HM, Maehara A, Ali Z, Finn AV, Virmani R, Kini AS, Daemen J, Kume T, Hibi K, Tanaka A, Akasaka T, Kubo T, Yasuda S, Croce K, Granada JF, Lerman A, Prasad A, Regar E, Saito Y, Sankardas MA, Subban V, Weissman NJ, Chen Y, Yu B, Nicholls SJ, Barlis P, West NEJ, Arbab-Zadeh A, Ye JC, Dijkstra J, Lee H, Narula J, Crea F, Nakamura S, Kakuta T, Fujimoto J, Fuster V, Jang IK. Optical coherence tomography in coronary atherosclerosis assessment and intervention. *Nat Rev Cardiol.* 2022 Oct;19(10):684-703.

18: Nishi T, Ishii M, Tsujita K, Okamoto H, Koto S, Nakai M, Sumita Y, Iwanaga Y, Matoba S, Kobayashi Y, Hirata KI, Hikichi Y, Yokoi H, Ikari Y, Uemura S. Outcomes of Venoarterial Extracorporeal Membrane Oxygenation Plus Intra-Aortic Balloon Pumping for Treatment of Acute Myocardial Infarction Complicated by Cardiogenic Shock. *J Am Heart Assoc.* 2022 Apr 5;11(7):e023713.

- 19: Nishi T, Kume T, Yamada R, Okamoto H, Koto S, Yamashita M, Ueno M, Kamisaka K, Sasahira Y, Enzan A, Sudo Y, Tamada T, Koyama T, Imai K, Neishi Y, Uemura S. Layered Plaque in Organic Lesions in Patients With Coronary Artery Spasm. *J Am Heart Assoc.* 2022 Apr 5;11(7):e024880.
- 20: Nishi T, Kume T, Yamada R, Okamoto H, Neishi Y, Uemura S. Rapid Plaque Progression Possibly Due to Intraplaque Hemorrhage in a Patient With Coronary Artery Spasm. *Circ J.* 2022;86(8):1309.
- 21: Kume T, Nishi T, Murasato Y, Koto S, Yamada R, Koyama T, Tamada T, Imai K, Okamoto H, Neishi Y, Uemura S. Comparative bifurcation bench analysis of three different optimization procedures after main branch stent implantation. *Coron Artery Dis.* 2022 Sep 1;33(6):499-501.
- 22: Fukue N, Ishida M, Taniyama M, Mukai-Yatagai N, Sakamoto T, Tamada T, Nakano Y, Ito H, Uemura S. Current Diversity Issues in Cardiovascular Workplaces in the Chugoku District - Results From 2 Questionnaire Surveys. *Circ Rep.* 2021 Nov 30;4(1):59-65.
- 23: Sasahira Y, Kume T, Koto S, Hiroshi O, Yamada R, Neishi Y, Uemura S. Acute coronary syndrome demonstrating plaque rupture in calcified plaque visualized by optical coherence tomography and near-infrared spectroscopy combined with intravascular ultrasound. *J Cardiol Cases.* 2021 May 9;24(4):193-194.
- 24: Kume T, Koto S, Sudo Y, Hiroshi O, Yamada R, Imai K, Koyama T, Tamada T, Neishi Y, Uemura S. Bifurcation percutaneous coronary intervention of left main trunk treated using a proximal optimizing technique and proximal balloon edge dilation technique. *J Cardiol Cases.* 2021 Jul 3;25(1):30-33.
- 25: Ozaki Y, Hara H, Onuma Y, Katagiri Y, Amano T, Kobayashi Y, Muramatsu T, Ishii H, Kozuma K, Tanaka N, Matsuo H, Uemura S, Kadota K, Hikichi Y, Tsujita K, Ako J, Nakagawa Y, Morino Y, Hamanaka I, Shiode N, Shite J, Honye J, Matsubara T, Kawai K, Igarashi Y, Okamura A, Ogawa T, Shibata Y, Tsuji T, Yajima J, Iwabuchi K, Komatsu N, Sugano T, Yamaki M, Yamada S, Hirase H, Miyashita Y, Yoshimachi F, Kobayashi M, Aoki J, Oda H, Katahira Y, Ueda K, Nishino M, Nakao K, Michishita I, Ueno T, Inohara T, Kohsaka S, Ismail TF, Serruys PW, Nakamura M, Yokoi H, Ikari Y; Task Force on Primary Percutaneous Coronary Intervention (PCI) of the Japanese Cardiovascular Interventional Therapeutics (CVIT). CVIT expert consensus

document on primary percutaneous coronary intervention (PCI) for acute myocardial infarction (AMI) update 2022. *Cardiovasc Interv Ther.* 2022 Jan;37(1):1-34.

26: Matsumaru Y, Kitazono T, Kadota K, Nakao K, Nakagawa Y, Shite J, Yokoi H, Kozuma K, Tanabe K, Akasaka T, Shinke T, Ueno T, Hirayama A, Uemura S, Kuroda T, Takita A, Harada A, Iijima R, Murakami Y, Saito S, Nakamura M. Relationship between platelet aggregation and stroke risk after percutaneous coronary intervention: a PENDULUM analysis. *Heart Vessels.* 2022 Jun;37(6):942-953.

27: Enzan A, Takenaka S, Ueno A, Sakakibara M, Koyama T, Uemura S. Antidromic atrioventricular reentrant tachycardia in a patient with Wolff-Parkinson-White syndrome and unapparent preexcitation: A case report. *J Arrhythm.* 2021 Sep 10;37(6):1559-1561.

28: Iijima R, Kadota K, Nakao K, Nakagawa Y, Shite J, Yokoi H, Kozuma K, Tanabe K, Akasaka T, Shinke T, Ueno T, Hirayama A, Uemura S, Harada A, Kuroda T, Takita A, Murakami Y, Saito S, Nakamura M. Ischemic and Bleeding Events in PENDULUM Patients With High Bleeding Risk and High Platelet Reactivity. *Circ J.* 2022 Apr 25;86(5):763-771.

29: Kume T, Koto S, Murasato Y, Yamada R, Koyama T, Tamada T, Imai K, Okamoto H, Sudo Y, Enzan A, Neishi Y, Uemura S. Impact of Coronary Stent Design in Proximal Balloon Edge Dilation Technique for Bifurcation Percutaneous Coronary Intervention. *Int Heart J.* 2021 Sep 30;62(5):1106-1111.

30: Sasahira Y, Yamada R, Doi N, Uemura S. Urgent percutaneous transluminal septal myocardial ablation for left ventricular outflow tract obstruction exacerbated after surgical aortic valve replacement. *Clin Case Rep.* 2021 Sep 13;9(9):e04789.

31: Hashimoto Y, Ozaki Y, Kan S, Nakao K, Kimura K, Ako J, Noguchi T, Suwa S, Fujimoto K, Dai K, Morita T, Shimizu W, Saito Y, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Wake M, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Tobaru T, Saku K, Oshima S, Yasuda S, Ismail TF, Muramatsu T, Izawa H, Takahashi H, Nishimura K, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET Investigators. Impact of Chronic Kidney Disease on In-Hospital and 3-Year Clinical Outcomes in Patients With Acute Myocardial Infarction Treated by Contemporary Percutaneous Coronary Intervention and Optimal Medical Therapy -Insights From the J-MINUET Study. *Circ J.* 2021 Sep 24;85(10):1710-1718.

32: Wada H, Ogita M, Suwa S, Nakao K, Ozaki Y, Kimura K, Ako J, Noguchi T, Yasuda S, Fujimoto K, Nakama Y, Morita T, Shimizu W, Saito Y, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Wake M, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Tobaru T, Saku K, Oshima S, Nishimura K, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET investigators. Long-Term Clinical Impact of Cardiogenic Shock and Heart Failure on Admission for Acute Myocardial Infarction. *Int Heart J*. 2021 May 29;62(3):520-527.

33: Hashimoto T, Minami Y, Ako J, Nakao K, Ozaki Y, Kimura K, Noguchi T, Suwa S, Fujimoto K, Nakama Y, Morita T, Shimizu W, Saito Y, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Hirata K, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Tobaru T, Saku K, Oshima S, Nishimura K, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET Investigators. Validation of the atherothrombotic risk score for secondary prevention in patients with acute myocardial infarction: the J-MINUET study. *Heart Vessels*. 2021 Oct;36(10):1506-1513.

34: Goryo Y, Kume T, Okamoto H, Kawamura A, Fukuhara K, Tamada T, Koyama T, Imai K, Yamada R, Neishi Y, Uemura S. Influence of dual antiplatelet therapy duration on neointimal condition after second-generation drug-eluting stent implantation. *Cardiovasc Interv Ther*. 2022 Jan;37(1):101-108.

35: Yamagishi M, Tamaki N, Akasaka T, Ikeda T, Ueshima K, Uemura S, Otsuji Y, Kihara Y, Kimura K, Kimura T, Kusama Y, Kumita S, Sakuma H, Jinzaki M, Daida H, Takeishi Y, Tada H, Chikamori T, Tsujita K, Teraoka K, Nakajima K, Nakata T, Nakatani S, Nogami A, Node K, Nohara A, Hirayama A, Funabashi N, Miura M, Mochizuki T, Yokoi H, Yoshioka K, Watanabe M, Asanuma T, Ishikawa Y, Ohara T, Kaikita K, Kasai T, Kato E, Kamiyama H, Kawashiri M, Kiso K, Kitagawa K, Kido T, Kinoshita T, Kiriya T, Kume T, Kurata A, Kurisu S, Kosuge M, Kodani E, Sato A, Shiono Y, Shiomi H, Taki J, Takeuchi M, Tanaka A, Tanaka N, Tanaka R, Nakahashi T, Nakahara T, Nomura A, Hashimoto A, Hayashi K, Higashi M, Hiro T, Fukamachi D, Matsuo H, Matsumoto N, Miyauchi K, Miyagawa M, Yamada Y, Yoshinaga K, Wada H, Watanabe T, Ozaki Y, Kohsaka S, Shimizu W, Yasuda S, Yoshino H; Japanese Circulation Society Working Group. JCS 2018 Guideline on Diagnosis of Chronic Coronary Heart Diseases. *Circ J*. 2021 Mar 25;85(4):402-572.

36: Nakamura M, Kadota K, Nakao K, Nakagawa Y, Shite J, Yokoi H, Kozuma K, Tanabe K, Akasaka T, Shinke T, Ueno T, Hirayama A, Uemura S, Harada A, Kuroda T, Takita A, Iijima R, Murakami Y, Saito S. Single Antiplatelet Therapy With Prasugrel vs. Dual Antiplatelet Therapy in Japanese Percutaneous Coronary Intervention Patients With High Bleeding Risk. *Circ J*. 2021 May

25;85(6):785-793.

37: Koto S, Imai K, Yamada R, Kume T, Neishi Y, Uemura S. A case of rupture of right coronary sinus of Valsalva aneurysm after aortic root replacement due to Stanford type A aortic dissection 15 years ago. *J Echocardiogr.* 2022 Jun;20(2):130-131.

38: Kimura T, Akahori H, Asakura M, Nakao K, Ozaki Y, Kimura K, Ako J, Noguchi T, Suwa S, Fujimoto K, Nakama Y, Morita T, Shimizu W, Saito Y, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Wake M, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Toubara T, Saku K, Oshima S, Nishimura K, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET Investigators. Impact of Age on Gender Difference in Long-term Outcome of Patients With Acute Myocardial Infarction (from J-MINUET). *Am J Cardiol.* 2021 Mar 1;142:5-13.

39: Numasawa Y, Inohara T, Ishii H, Yamaji K, Kohsaka S, Sawano M, Kodaira M, Uemura S, Kadota K, Amano T, Nakamura M, Ikari Y. Association of the Hemoglobin to Serum Creatinine Ratio with In-Hospital Adverse Outcomes after Percutaneous Coronary Intervention among Non-Dialysis Patients: Insights from a Japanese Nationwide Registry (J-PCI Registry). *J Clin Med.* 2020 Nov 10;9(11):3612.

40: Araki M, Yonetsu T, Kurihara O, Nakajima A, Lee H, Soeda T, Minami Y, McNulty I, Uemura S, Kakuta T, Jang IK. Predictors of Rapid Plaque Progression: An Optical Coherence Tomography Study. *JACC Cardiovasc Imaging.* 2021 Aug;14(8):1628-1638.

41: Soeda T, Okura H, Saito Y, Nakao K, Ozaki Y, Kimura K, Ako J, Noguchi T, Suwa S, Fujimoto K, Nakama Y, Morita T, Shimizu W, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Hirata K, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Toubara T, Saku K, Oshima S, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET investigators. Clinical characteristics and in-hospital outcomes in patients aged 80 years or over with cardiac troponin-positive acute myocardial infarction -J-MINUET study. *J Cardiol.* 2021 Feb;77(2):139-146.

42: Takahashi N, Ogita M, Suwa S, Nakao K, Ozaki Y, Kimura K, Ako J, Noguchi T, Yasuda S, Fujimoto K, Nakama Y, Morita T, Shimizu W, Saito Y, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Hirata K, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Tobaru T, Saku K, Oshima S, Nishimura K, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET investigators. Prognostic Impact of B-Type Natriuretic Peptide on Long-Term Clinical Outcomes in Patients with Non- ST-Segment Elevation Acute Myocardial Infarction Without

Creatine Kinase Elevation. *Int Heart J.* 2020 Sep 29;61(5):888-895.

43: Kita Y, Watanabe M, Kamon D, Ueda T, Soeda T, Okayama S, Ishigami K, Kawata H, Horii M, Inoue F, Doi N, Okura H, Uemura S, Saito Y. Effects of Fatty Acid Therapy in Addition to Strong Statin on Coronary Plaques in Acute Coronary Syndrome: An Optical Coherence Tomography Study. *J Am Heart Assoc.* 2020 Aug 18;9(16):e015593.

44: Akahori H, Masuyama T, Imanaka T, Nakao K, Ozaki Y, Kimura K, Ako J, Noguchi T, Suwa S, Fujimoto K, Nakama Y, Morita T, Shimizu W, Saito Y, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Hirata K, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Tobaru T, Saku K, Oshima S, Nishimura K, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET investigators. Impact of peripheral artery disease on prognosis after myocardial infarction: The J-MINUET study. *J Cardiol.* 2020 Oct;76(4):402-406.

45: Nakamura M, Kadota K, Takahashi A, Kanda J, Anzai H, Ishii Y, Shibata Y, Yasaka Y, Takamisawa I, Yamaguchi J, Takeda Y, Harada A, Motohashi T, Iijima R, Uemura S, Murakami Y; PENDULUM Registry Investigators*. Relationship Between Platelet Reactivity and Ischemic and Bleeding Events After Percutaneous Coronary Intervention in East Asian Patients: 1-Year Results of the PENDULUM Registry. *J Am Heart Assoc.* 2020 May 18;9(10):e015439.

46: Kume T, Murasato Y, Yamada R, Koyama T, Tamada T, Imai K, Okamoto H, Enzan A, Neishi Y, Uemura S. Effect of proximal balloon edge dilation technique for opening a side branch ostium in repetitive-proximal optimizing technique sequence. *Catheter Cardiovasc Interv.* 2021 Jan 1;97(1):E12-E18.

47: Loh PH, Lassen JF, Jepson N, Koo BK, Chen S, Harding SA, Hu F, Lo S, Ahmad WAW, Ye F, Guagliumi G, Hiremath MS, Uemura S, Wang L, Whelan A, Low A. Asia Pacific consensus document on coronary bifurcation interventions. *EuroIntervention.* 2020 Oct 9;16(9):e706-e714.

48: Suwa S, Ogita M, Ebina H, Nakao K, Ozaki Y, Kimura K, Ako J, Noguchi T, Yasuda S, Fujimoto K, Nakama Y, Morita T, Shimizu W, Saito Y, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Hirata K, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Tobaru T, Saku K, Oshima S, Nishimura K, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET investigators. Admission During Off-Hours Does Not Affect Long-Term Clinical Outcomes of Japanese Patients with Acute Myocardial Infarction. *Int Heart J.* 2020 Mar 28;61(2):215-222.

49: Wada H, Ogita M, Suwa S, Nakao K, Ozaki Y, Kimura K, Ako J, Noguchi T, Yasuda S, Fujimoto K, Nakama Y, Morita T, Shimizu W, Saito Y, Hirohata A, Morita Y, Inoue T, Okamura A, Mano T, Hirata K, Tanabe K, Shibata Y, Owa M, Tsujita K, Funayama H, Kokubu N, Kozuma K, Uemura S, Toubaru T, Saku K, Oshima S, Nishimura K, Miyamoto Y, Ogawa H, Ishihara M; J-MINUET investigators. Guideline adherence and long-term clinical outcomes in patients with acute myocardial infarction: a Japanese Registry of Acute Myocardial Infarction Diagnosed by Universal Definition (J-MINUET) substudy. *Eur Heart J Acute Cardiovasc Care*. 2020 Dec;9(8):939-947.

50: Enzan A, Yamada R, Uemura S. Acute lateral myocardial infarction due to thromboembolism originating from nonocclusive ruptured plaque of the left main trunk: a case report. *Coron Artery Dis*. 2020 Sep;31(6):571-572.

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