

研究成果の発表状況

学術論文 [英文]

原著

- 1) * Nakamura M, * Yamagishi M, * Ueno T, * Hara K, * Ishiwata S, Itoh T, * Hamanaka I, * Wakatsuki T, * Sugano T, * Kawai K, * Akasaka T, * Tanaka N, * Kimura T.: Prevalence of visual-functional mismatch regarding coronary artery stenosis in the CVIT-DEFER registry. *Cardiovasc Interv Ther.* Oct;29(4):300-308 (2014)
- 2) Itoh T, Nakajima S, Tanaka F, * Nishiyama O, * Matsumoto T, * Endo H, * Sakai T, Nakamura M, Morino Y.: Impact of the Japan earthquake disaster with massive Tsunami on emergency coronary intervention and in-hospital mortality in patients with acute ST-elevation myocardial infarction. *European Heart Journal: Acute Cardiovascular Care Sep;* 3(3): 195-203 (2014)
- 3) Niiyama M, Tanaka F, Nakajima S, Itoh T, * Matsumoto T, * Kawakami M, * Naganuma Y, Omama S, Komatsu T, Onoda T, Sakata K, Ichikawa T, Nakamura M.: Population-based incidence of sudden cardiac and unexpected death before and after the 2011 earthquake and tsunami in Iwate, northeast Japan. *J Am Heart Assoc.* May 8; 3(3):e000798 (2014)
- 4) Morino Y. * Ako J, * Kobayashi M, * Nakamura M.: Japanese postmarketing surveillance of clopidogrel for patients with non-ST-segment-elevation acute coronary syndrome indicated for percutaneous coronary intervention (J-PLACE NSTEMI-ACS). *Cardiovasc Interv Ther.* Apr;29(2): 123-133 (2014)
- 5) * Kubo T, * Akasaka T, * Kozuma K, * Kimura K, Fusazaki T, * Okura H, * Shinke T, * Ino Y, * Hasegawa T, * Takashima H, * Takamisawa I, * Yamaguchi H, * Igarashi K, * Kadota K, * Tanabe K, * Nakagawa Y, * Muramatsu T, Morino Y, * Kimura T.: Vascular response to drug-eluting stent with biodegradable vs. durable polymer. Optical coherence tomography substudy of the NEXT. *Circ J.* 78(10): 2408-2014 (2014)
- 6) * Tian J, * Dauerman H, * Toma C, * Samady H, Itoh T, * Kuramitsu S, * Domei T, * Jia H, * Vergallo R, * Soeda T, * Hu S, * Minami Y, * Lee H, * Yu B, * Jang IK.: Prevalence and characteristics of TCFA and degree of coronary artery stenosis: an OCT, IVUS, and angiographic study. *J Am Coll Cardiol.* 64(7): 678-680 (2014)
- 7) * Ikeda K, * Koyama T, Ishida M, * Okawa M, * Oguma Y, * Terata Y, * Iino K, * Kosaka T, * Watanabe H, * Ito H.: Immunochemical fecal occult blood tests predict dual antiplatelet therapy discontinuation after coronary stenting. *Intern Med.* 53(5): 375-381 (2014)
- 8) Matsushita N, Kashihara T, Shimojo H, Suzuki S, Nakada T, Takeishi Y, Mende U, Taira E, Yamada M, Sanbe A, Hirose M.: Cardiac overexpression of constitutively active Galpha q causes angiotensin II type1 receptor activation, leading to progressive heart failure and ventricular arrhythmias in transgenic mice. *PLoS One.* Aug 29; 9(8) e106354 (2014).
- 9) Hirose M, Shibazaki T, Nakada T, Kashihara T, Yano S, Okamoto Y, Isaji M, Matsushita N, Taira E, Yamada M. : Phlorizin prevents electrically-induced ventricular tachyarrhythmia during ischemia in langendorff-perfused guinea-pig hearts. *Biol Pharm Bull.* 37(7): 1168-76 (2014)
- 10) Hirose M, Matsushita N. : Mechanical stretch and endothelial to mesenchymal transition - importance of integrin β 1. *Circ J.* 79(1): 53-4 (2015)
- 11) * Nozue T, * Yamamoto S, * Tohyama S, * Fukui K, * Umezawa S, * Onishi Y, * Kunishima T, * Sato A, * Nozato T, * Miyake S, * Takeyama Y, Morino Y, * Yamauchi T, * Muramatsu T, * Hibi K, * Terashima M, * Michishita I. : Lipoprotein(a) is associated with necrotic core progression of non-culprit coronary lesions in statin-treated patients with angina pectoris. *Lipids Health Dis.* 2014 Apr 1;13:59.
- 12) * Nozue T, * Yamamoto S, * Tohyama S, * Fukui K, * Umezawa S, * Onishi Y, * Kunishima T, * Sato A, * Nozato T, * Miyake S, *

Takeyama Y, Morino Y, * Yamauchi T, * Muramatsu T, * Hibi K, * Terashima M, * Michishita I. : Low serum docosahexaenoic acid is associated with progression of coronary atherosclerosis in statin-treated patients with diabetes mellitus: results of the treatment with statin on atheroma regression evaluated by intravascular ultrasound with virtual histology (TRUTH) study. *Cardiovasc Diabetol.* 2014 13;13:13.

13) * Shiomis H, * Kozuma K, * Morimoto T, * Igarashi K, * Kadota K, * Tanabe K, Morino Y, * Akasaka T, * Abe M, * Suwa S, * Muramatsu T, * Kobayashi M, * Dai K, * Nakao K, * Uematsu M, * Tarutani Y, * Fujii K, * Simonton CA, * Kimura T and Investigators R. : Long-term clinical outcomes after everolimus- and sirolimus-eluting coronary stent implantation: final 3-year follow-up of the Randomized Evaluation of Sirolimus-Eluting Versus Everolimus-Eluting Stent Trial. *Circ Cardiovasc Interv.* 2014 Jun;7(3):343-354.

14) * Nozue T, * Yamamoto S, * Tohyama S, * Fukui K, * Umezawa S, * Onishi Y, * Kunishima T, * Sato A, * Nozato T, * Miyake S, * Takeyama Y, Morino Y, * Yamauchi T, * Muramatsu T, * Hirano T, * Hibi K, * Terashima M, * Michishita I. : Impacts of age on coronary atherosclerosis and vascular response to statin therapy. *Heart Vessels.* 2014 Jul;29(4):456-463.

15) * Shimamura K, * Kubo T, * Akasaka T, * Kozuma K, * Kimura K, * Kawamura M, * Sumiyoshi T, * Ino Y, * Yoshiyama M, * Sonoda S, * Igarashi K, * Miyazawa A, * Uzui H, * Sakanoue Y, * Shinke T, Morino Y, * Tanabe K, * Kadota K, * Kimura T. : Outcomes of everolimus-eluting stent incomplete stent apposition: a serial optical coherence tomography analysis. *Eur Heart J Cardiovasc Imaging.* 2015 Jan;16(1):23-28.

16) Nozue T, *Yamamoto S, *Tohyama S, Fukui K, *Umezawa S, *Onishi Y, *Kunishima T, *Sato A, *Nozato T, *Miyake S, *Takeyama Y, Morino Y, *Yamauchi T, *Muramatsu T, *Hibi K, *Terashima M, Michishita I. : Comparison of the effects of pitavastatin versus pravastatin on coronary artery plaque phenotype assessed by tissue characterization using serial virtual histology intravascular ultrasound. *Heart Vessels.* 2015 Jan;30(1):36-44.

症例報告

1) Koeda C, Tashiro A, Takahashi T, Niyama M, Sakamoto R, Kimura T, Morino Y, Terui K, Tanaka R, Yoshioka K, Kin H, Okabayashi H, Nakamura M. : Possible Usefulness of Gadolinium-Enhanced Brain MRI for Evaluating Risk of Perioperative Hemorrhage: A Case of Infective Endocarditis. *Case Rep Cardiol.* Feb 14 (2014)

2) Kimura T, Itoh T, Sugawara S, Fusazaki T, Nakamura M, Morino Y. : Serial endovascular assessment of polytetrafluoroethylene-covered stent: Capabilities and limitations of intravascular imaging modalities affected by a temporal factor. *Journal of Cardiology Cases* 11(3): 91-95 (2015)

学術論文 [和文]

原著

1) 梶田房紀, 芳沢礼佑, 小澤真人, 佐藤嘉洋, 小松隆, 中村元行, 中居賢司, 森野禎浩: DREAM-ECG(HRES-1000)による急性冠症候群の傷害心筋の評価. *心電図* 34(Suppl2): 5011-5012 (2014)

2) 松下尚子, 弘瀬 雅教: 虚血誘発心臓不整脈と ATP 感受性 K⁺チャネル. *日本薬理学雑誌* 146(1): 5-9 (2015)