

Curriculum Vitae

Date Prepared: 1th/Apr/2024
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Place of Birth: Japan

Education:

2000 M.D. Jichi Medical University

Postdoctoral Training:

2000-2002	Resident	Internal medicine	Wakayama medical University Hospital
2005-2007	Clinical fellow	Cardiology	Wakayama medical University Hospital

Faculty Academic Appointments:

2011-2017	Assistant professor	Cardiovascular Medicine	Wakayama Medical University
2017-	Associate professor	Cardiovascular Medicine	Wakayama Medical University

Appointments at Hospitals/Affiliated Institutions:

2002-2005	Clinical Fellow	Internal medicine	Koyasan Hospital
2007-2009	Consultant	Internal medicine	Sogawa Clinic
2009-2011	Consultant	Cardiology	National Wakayama Hospital

Other Professional Positions:

2007-	Visiting assistant professor	Electrophysiology	Kinki University
2022-	Visiting professor	Internal medicine	Wakayama Rehabilitation University
2022-2023	Visiting professor	Faculty of Public Health	Mahidol University

Major Administrative Leadership Positions:

Local

2021- Director of Pulmonary Hypertension section Wakayama Medical University

Committee Service:

Local

2020-	The committee of Wakayama teleconsultation system	member
2017-2021	Vice director	Community Medical Support Center of Wakayama Prefecture

Professional Societies:

2001-	Japanese Society of Internal Medicine	Fellow
2004-	Japanese Circulation Society	Board Certified Member
2017-	Public Health and Social Medicine	Specialist Board Certified Physician

Fundal project

2017-2022	Grant-in-Aid for Scientific Research (C)17K09519, PI, "Elucidation of molecular mechanisms for interventions of residual risk for EPA and development of patient stratification methods for their application.."
2020-	Grant-in-Aid for Young Scientist20K18856, PI, "A survey to identify the disadvantage of the selection of doctors with rural quotas process for admission to medical school and the support they need."
2019-2023	Grant-in-Aid for Scientific Research (B)19H03904, co-researcher, "Development of a predictive model for the prevention of coronary artery aneurysm based on season of onset in patients with Kawasaki disease."
2023-	Grant-in-Aid for Scientific Research (C)23K07583, PI, "Verification for safetyof online clinic and telemedicine in heart failure patients based on predictive statistics."
2024-	Grant-in-Aid for Scientific Research (B)24K02710, co-researcher, "Establishment of a case cohort long-term follow-up study to elucidate and to develop the treatment strategies of Kawasaki disease"

Unfunded Current Projects

2021-	Epidemiological survey using the Wakayama teleconsultation system.
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Report of Local Teaching and Training

Teaching of Students in Courses:

2011-	Lecture, cardiovascular medicine	Medical student ofWakayama Medical University
2017-	Lecture, community health care service	Medical student ofWakayama Medical University

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

2013-	Instructor, Japanese Medical Emergency Care Course organized by Japanese Society of Internal Medicine	Residents and trainee
2018-	Lecture, the field of community health and medicine	Graduate school student of Wakayama Medical University

Clinical Supervisory and Training Responsibilities:

2011-	Technical teaching, cardiovascular medicine	Residents and Clinical Fellows of Wakayama Medical University
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Report of Scholarship

Research Investigations

1. Impact of Climate on the Incidence of Acute Coronary Syndrome: Differences between Japan and Thailand. Yamano T, Katkanit T, Chanudda N, Arisara R, Nisakorn K, Lalita K, San S, Arthit P, Orawan K, Murakami S, Tanaka R, Murata N, Katayama Y, Taruya A, Takahata M, Wada T, Ota S, Satogami K, Ozaki Y, Kashiwagi M, Shiono Y, Kuroi A, Tanimoto T, Kitabata H and Tanaka A. *Circ Rep* 2024 Mar 28;6(4):134-141. doi: 10.1253/circrep.CR-24-0012. PMID: 38606419
2. Characteristics of Discharged Elderly Patients with Acute Heart Failure Followed by Board-Certified Cardiologists in a Rural Area of Japan. Satogami K, Katayama Y, Ozaki Y, Taruya A, Taniguchi M, Ota S, Kuroi A, Shiono Y, Tanimoto T, Yamano T, Kitabata H, Ino Y, Tanaka A. *Int Heart J*. 2023 Nov 30;64(6):1105-1112. doi: 10.1536/ihj.23-306. Epub 2023 Nov 14. PMID: 37967981
3. Long-term risk stratification for hospitalized patients with acute heart failure at a single rural cardiovascular centre. Satogami K, Katayama Y, Ozaki Y, Taruya A, Taniguchi M, Ota S, Kuroi A, Shiono Y, Tanimoto T, Yamano T, Kitabata H, Ino Y, Tanaka A. *ESC Heart Fail*. 2023 Jun;10(3):1717-1725. doi: 10.1002/ehf2.14325. Epub 2023 Feb 25. PMID: 36840441
4. Prognostic value of Toll-like receptor 4 on human monocyte subsets combined with computed tomography-adapted Leaman score assessing coronary artery disease. Ozaki Y, Kashiwagi M, Imanishi T, Katayama Y, Taruya A, Nishiguchi T, Shiono Y, Kuroi A, Yamano T, Tanimoto T, Kitabata H, Tanaka A. *Coron Artery Dis*. 2023 Aug 1;34(5):356-363. doi: 10.1097/MCA.0000000000001250. Epub 2023 May 24. PMID: 37222220
5. Telecardiology in Rural Practice: Global Trends. Yamano T, Kotani K, Kitano N, Morimoto J, Emori H, Takahata M, Fujita S, Wada T, Ota S, Satogami K, Kashiwagi M, Shiono Y, Kuroi A, Tanimoto T,

- Tanaka A. *Int J Environ Res Public Health*. 2022 Apr 4;19(7):4335. doi: 10.3390/ijerph19074335. PMID: 35410012
6. Coronary Vasospasm Complicated by Intercoronary Communication. Nakamura M, Yamano T, Asae Y, Takahata M, Shiono Y, Tanaka A. *Circ J*. 2022 Mar 26. doi: 10.1253/circj.CJ-22-0083. Online ahead of print. PMID: 35342126
 7. Seasonal Variation in Epidemiology of Kawasaki Disease-Related Coronary Artery Abnormalities in Japan, 1999-2017. Kitano N, Takeuchi T, Suenaga T, Kakimoto N, Naka A, Shibuta S, Tachibana S, Takekoshi N, Suzuki T, Tsuchihashi T, Yamano T, Akasaka T, Suzuki H. *J Epidemiol*. 2021 Feb 5;31(2):132-138. doi: 10.2188/jea.JE20190189.
 8. Expression of Cyclophilin A in Coronary Artery Plaque with Intraplaque Hemorrhage Is More Frequent in Deceased Patients Who Had Impaired Kidney Function. Nakai M, Shimokado A, Kubo T, Katayama Y, Nishiguchi T, Kashiwagi M, Shimamura K, Shiono Y, Kuroi A, Yamano T, Tanimoto T, Matsuo Y, Kitabata H, Ino Y, Yamaguchi T, Tanaka A, Hozumi T, Akasaka T. *Int Heart J*. 2020 Nov 8;61(6):1129-1134. doi: 10.1536/ihj.20-283.
 9. Lesion characteristics and prognosis of acute coronary syndrome without angiographically significant coronary artery stenosis. Taruya A, Tanaka A, Nishiguchi T, Ozaki Y, Kashiwagi M, Yamano T, Matsuo Y, Ino Y, Kitabata H, Takemoto K, Kubo T, Hozumi T, Akasaka T. *Eur Heart J Cardiovasc Imaging*. 2020 Feb 1;21(2):202-209. doi: 10.1093/ehjci/jez079.
 10. Preoperative left atrial minimum volume as a surrogate marker of postoperative symptoms in senile patients with aortic stenosis who underwent surgical aortic valve replacement. Morimoto J, Hozumi T, Takemoto K, Wada T, Maniwa N, Kashiwagi M, Shimamura K, Shiono Y, Kuroi A, Yamano T, Yamaguchi T, Matsuo Y, Kitabata H, Ino Y, Kubo T, Tanaka A, Nishimura Y, Akasaka T. *J Cardiol*. 2019 Oct;74(4):366-371. doi: 10.1016/j.jjcc.2019.04.003.
 11. Association of Hemodynamic Severity With Plaque Vulnerability and Complexity of Coronary Artery Stenosis: A Combined Optical Coherence Tomography and Fractional Flow Reserve Study. Matsuo Y, Higashioka D, Ino Y, Shiono Y, Kitabata H, Terada K, Emori H, Katayama Y, Taruya A, Nishiguchi T, Shimamura K, Kameyama T, Kuroi A, Yamano T, Tanimoto T, Tanaka A, Hozumi T, Kubo T, Akasaka T. *JACC Cardiovasc Imaging*. 2019 Jun;12(6):1103-1105. doi: 10.1016/j.jcmg.2018.11.023.
 12. Assessment of decreased left ventricular longitudinal deformation in asymptomatic patients with organic mitral regurgitation and preserved ejection fraction using tissue-tracking mitral annular displacement by speckle-tracking echocardiography. Teraguchi I, Hozumi T, Takemoto K, Ota S, Kashiwagi M, Shimamura K, Shiono Y, Kuroi A, Yamano T, Yamaguchi T, Matsuo Y, Ino Y, Kitabata H, Kubo T, Tanaka A, Akasaka T. *Echocardiography*. 2019 Apr;36(4):678-686. doi: 10.1111/echo.14290.

13. Automated lipid-rich plaque detection with short wavelength infra-red OCT system. Shimokado A, Kubo T, Nishiguchi T, Katayama Y, Taruya A, Ohta S, Kashiwagi M, Shimamura K, Kuroi A, Kameyama T, Shiono Y, Yamano T, Matsuo Y, Kitabata H, Ino Y, Hozumi T, Tanaka A, Akasaka T. *Eur Heart J Cardiovasc Imaging*. 2018 Oct 1;19(10):1174-1178. doi: 10.1093/ehjci/jex304.
14. In vivo optical coherence tomography imaging and histopathology of healed coronary plaques. Shimokado A, Matsuo Y, Kubo T, Nishiguchi T, Taruya A, Teraguchi I, Shiono Y, Orii M, Tanimoto T, Yamano T, Ino Y, Hozumi T, Tanaka A, Muragaki Y, Akasaka T. *Atherosclerosis*. 2018 Aug;275:35-42. doi: 10.1016/j.atherosclerosis.2018.05.025.
15. Effect of Early Pitavastatin Therapy on Coronary Fibrous-Cap Thickness Assessed by Optical Coherence Tomography in Patients With Acute Coronary Syndrome: The ESCORT Study. Nishiguchi T, Kubo T, Tanimoto T, Ino Y, Matsuo Y, Yamano T, Terada K, Emori H, Katayama Y, Taruya A, Ozaki Y, Shiono Y, Shimamura K, Kameyama T, Kitabata H, Yamaguchi T, Tanaka A, Hozumi T, Akasaka T. *JACC Cardiovasc Imaging*. 2018 Jun;11(6):829-838. doi: 10.1016/j.jcmg.2017.07.011.
16. Prognosis of spontaneous coronary artery dissection treated by percutaneous coronary intervention with optical coherence tomography. Nishiguchi T, Tanaka A, Taruya A, Ozaki Y, Nakai M, Teraguchi I, Ota S, Kuroi A, Kameyama T, Yamano T, Yamaguchi T, Matsuo Y, Ino Y, Kubo T, Hozumi T, Akasaka T. *J Cardiol*. 2017 Dec;70(6):524-529. doi: 10.1016/j.jjcc.2017.03.009.
17. Association of Toll-Like Receptor 4 on Human Monocyte Subsets and Vulnerability Characteristics of Coronary Plaque as Assessed by 64-Slice Multidetector Computed Tomography. Ozaki Y, Imanishi T, Hosokawa S, Nishiguchi T, Taruya A, Tanimoto T, Kuroi A, Yamano T, Matsuo Y, Ino Y, Kitabata H, Kubo T, Tanaka A, Akasaka T. *Circ J*. 2017 May 25;81(6):837-845. doi: 10.1253/circj.CJ-16-0688.
18. Impact of Plaque Rupture Detected by Optical Coherence Tomography on Transmural Extent of Infarction After Successful Stenting in ST-Segment Elevation Acute Myocardial Infarction. Satogami K, Ino Y, Kubo T, Tanimoto T, Orii M, Matsuo Y, Ota S, Yamaguchi T, Shiono Y, Shimamura K, Katayama Y, Aoki H, Nishiguchi T, Ozaki Y, Yamano T, Kameyama T, Kuroi A, Kitabata H, Tanaka A, Hozumi T, Akasaka T. *JACC Cardiovasc Interv*. 2017 May 22;10(10):1025-1033. doi: 10.1016/j.jcin.2017.01.044.
19. Reduction of in-stent thrombus immediately after percutaneous coronary intervention by pretreatment with prasugrel compared with clopidogrel: An optical coherence tomography study. Kubo T, Ino Y, Matsuo Y, Shiono Y, Kameyama T, Yamano T, Katayama Y, Taruya A, Nishiguchi T, Satogami K, Kashiyama K, Orii M, Kuroi A, Yamaguchi T, Tanaka A, Hozumi T, Akasaka T. *J Cardiol*. 2017 Feb;69(2):436-441. doi: 10.1016/j.jjcc.2016.04.005.
20. Effects of intravenous bolus injection of nicorandil on renal artery flow velocity assessed by color Doppler ultrasound. Shimamoto Y, Kubo T, Tanabe K, Emori H, Katayama Y, Nishiguchi T, Taruya A,

- Kameyama T, Orii M, Yamano T, Kuroi A, Yamaguchi T, Takemoto K, Matsuo Y, Ino Y, Tanaka A, Hozumi T, Terada M, Akasaka T. *J Cardiol*. 2017 Jan;69(1):364-368. doi: 10.1016/j.jjcc.2016.08.007.
21. A possible role for HLA-DRB1*04:06 in statin-related myopathy in Japanese patients. Sai K, Kajinami K, Akao H, Iwadare M, Sato-Ishida R, Kawai Y, Takeda K, Tanimoto T, Yamano T, Akasaka T, Ishida T, Hirata KI, Saku K, Yagi S, Soeki T, Sata M, Ueno M, Miyazaki S, Shiraki A, Oyama JI, Node K, Sugamura K, Ogawa H, Kurose K, Maekawa K, Matsuzawa Y, Imatoh T, Hasegawa R; Japanese Pharmacogenomics Data Science Consortium, Saito Y. *Drug Metab Pharmacokinet*. 2016 Dec;31(6):467-470. doi: 10.1016/j.dmpk.2016.09.002.
22. Local Matrix Metalloproteinase 9 Level Determines Early Clinical Presentation of ST-Segment-Elevation Myocardial Infarction. Nishiguchi T, Tanaka A, Taruya A, Emori H, Ozaki Y, Orii M, Shiono Y, Shimamura K, Kameyama T, Yamano T, Yamaguchi T, Matsuo Y, Ino Y, Kubo T, Hozumi T, Hayashi Y, Akasaka T. *Arterioscler Thromb Vasc Biol*. 2016 Dec;36(12):2460-2467. doi: 10.1161/ATVBAHA.116.308099.
23. Impact of functional focal versus diffuse coronary artery disease on bypass graft patency. Shiono Y, Kubo T, Honda K, Katayama Y, Aoki H, Satogami K, Kashiyama K, Taruya A, Nishiguchi T, Kuroi A, Orii M, Kameyama T, Yamano T, Yamaguchi T, Matsuo Y, Ino Y, Tanaka A, Hozumi T, Nishimura Y, Okamura Y, Akasaka T. *Int J Cardiol*. 2016 Nov 1;222:16-21. doi: 10.1016/j.ijcard.2016.07.052.
24. Optical Coherence Tomography Predictors for Edge Restenosis After Everolimus-Eluting Stent Implantation. Ino Y, Kubo T, Matsuo Y, Yamaguchi T, Shiono Y, Shimamura K, Katayama Y, Nakamura T, Aoki H, Taruya A, Nishiguchi T, Satogami K, Yamano T, Kameyama T, Orii M, Ota S, Kuroi A, Kitabata H, Tanaka A, Hozumi T, Akasaka T. *Circ Cardiovasc Interv*. 2016 Oct;9(10):e004231. doi: 10.1161/CIRCINTERVENTIONS.116.004231.
25. Optimal threshold of postintervention minimum stent area to predict in-stent restenosis in small coronary arteries: An optical coherence tomography analysis. Matsuo Y, Kubo T, Aoki H, Satogami K, Ino Y, Kitabata H, Taruya A, Nishiguchi T, Teraguchi I, Shimamura K, Shiono Y, Orii M, Yamano T, Tanimoto T, Yamaguchi T, Hirata K, Tanaka A, Akasaka T. *Catheter Cardiovasc Interv*. 2016 Jan 1;87(1):E9-E14. doi: 10.1002/ccd.26143.
26. Comparison of cardiac MRI and 18F-FDG positron emission tomography manifestations and regional response to corticosteroid therapy in newly diagnosed cardiac sarcoidosis with complete heart block. Orii M, Hirata K, Tanimoto T, Ota S, Shiono Y, Yamano T, Matsuo Y, Ino Y, Yamaguchi T, Kubo T, Tanaka A, Akasaka T. *Heart Rhythm*. 2015 Dec;12(12):2477-85. doi: 10.1016/j.hrthm.2015.06.032.
27. Intimal exfoliation following abnormal circular proliferation as a cause for acute coronary syndrome in a patient with polycythemia vera. Nishiguchi T, Tanaka A, Yamano T, Kubo T, Akasaka T. *Int J*

Cardiol. 2015 Nov 15;199:239-40. doi: 10.1016/j.ijcard.2015.07.059. Epub 2015 Jul 19. PMID: 26209826 No abstract available.

28. Optical coherence tomography assessment of efficacy of thrombus aspiration in patients undergoing a primary percutaneous coronary intervention for acute ST-elevation myocardial infarction. Yamaguchi T, Kubo T, Ino Y, Matsuo Y, Shiono Y, Yamano T, Taruya A, Nishiguchi T, Shimokado A, Orii M, Tanaka A, Hozumi T, Akasaka T. *Coron Artery Dis.* 2015 Nov;26(7):567-72. doi: 10.1097/MCA.0000000000000291.
29. Superficial Calcium Fracture After PCI as Assessed by OCT. Kubo T, Shimamura K, Ino Y, Yamaguchi T, Matsuo Y, Shiono Y, Taruya A, Nishiguchi T, Shimokado A, Teraguchi I, Orii M, Yamano T, Tanimoto T, Kitabata H, Hirata K, Tanaka A, Akasaka T. *JACC Cardiovasc Imaging.* 2015 Oct;8(10):1228-1229. doi: 10.1016/j.jcmg.2014.11.012.
30. Vasa Vasorum Restructuring in Human Atherosclerotic Plaque Vulnerability: A Clinical Optical Coherence Tomography Study. Taruya A, Tanaka A, Nishiguchi T, Matsuo Y, Ozaki Y, Kashiwagi M, Shiono Y, Orii M, Yamano T, Ino Y, Hirata K, Kubo T, Akasaka T. *J Am Coll Cardiol.* 2015 Jun 16;65(23):2469-77. doi: 10.1016/j.jacc.2015.04.020.
31. Myocardial Damage Detected by Two-Dimensional Speckle-Tracking Echocardiography in Patients with Extracardiac Sarcoidosis: Comparison with Magnetic Resonance Imaging. Orii M, Hirata K, Tanimoto T, Shiono Y, Shimamura K, Yamano T, Ino Y, Yamaguchi T, Kubo T, Tanaka A, Imanishi T, Akasaka T. *J Am Soc Echocardiogr.* 2015 Jun;28(6):683-91. doi: 10.1016/j.echo.2015.02.018.
32. Impact of low signal intensity assessed by cine magnetic resonance imaging on detection of poorly viable myocardium in patients with prior myocardial infarction. Ota S, Tanimoto T, Orii M, Hirata K, Shiono Y, Shimamura K, Matsuo Y, Yamano T, Ino Y, Kitabata H, Yamaguchi T, Kubo T, Tanaka A, Imanishi T, Akasaka T. *Int Heart J.* 2015 May 13;56(3):273-7. doi: 10.1536/ihj.14-313.
33. Abrupt change in the shape of a left ventricular mural thrombus after intra-aortic balloon pump-supported percutaneous coronary intervention in recent myocardial infarction. Toyoda Y, Yamano T, Kusuyama Y, Akasaka T. *J Cardiol Cases.* 2015 Mar 9;11(5):144-146. doi: 10.1016/j.jccase.2015.02.004.
34. Successful stenting with optical frequency domain imaging guidance for spontaneous coronary artery dissection. Satogami K, Ino Y, Kubo T, Shiono Y, Nishiguchi T, Matsuo Y, Orii M, Yamano T, Yamaguchi T, Hirata K, Tanaka A, Akasaka T. *JACC Cardiovasc Interv.* 2015 May;8(6):e83-e85. doi: 10.1016/j.jcin.2014.12.247.
35. Comparison of vascular response between everolimus-eluting stent and bare metal stent implantation in ST-segment elevation myocardial infarction assessed by optical coherence tomography. Ino Y, Kubo T, Tanaka A, Liu Y, Tanimoto T, Kitabata H, Shiono Y, Shimamura K, Orii M, Komukai K, Satogami K,

- Matsuo Y, Yamano T, Yamaguchi T, Hirata K, Imanishi T, Akasaka T. *Eur Heart J Cardiovasc Imaging*. 2015 May;16(5):513-20. doi: 10.1093/ehjci/jeu227.
36. Two-dimensional speckle tracking echocardiography for the prediction of reversible myocardial dysfunction after acute myocardial infarction: comparison with magnetic resonance imaging. Orii M, Hirata K, Tanimoto T, Shiono Y, Shimamura K, Ishibashi K, Yamano T, Ino Y, Kitabata H, Yamaguchi T, Kubo T, Imanishi T, Akasaka T. *Echocardiography*. 2015 May;32(5):768-78. doi: 10.1111/echo.12726.
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 38. Proteinuria and Reduced Estimated Glomerular Filtration Rate Are Independent Risk Factors for Contrast-Induced Nephropathy After Cardiac Catheterization. Saito Y, Watanabe M, Aonuma K, Hirayama A, Tamaki N, Tsutsui H, Murohara T, Ogawa H, Akasaka T, Yoshimura M, Sato A, Takayama T, Sakakibara M, Suzuki S, Ishigami K, Onoue K; CINC-J study investigators. *Circ J*. 2015;79(7):1624-30. doi: 10.1253/circj.CJ-14-1345.
 39. Circulating CD14⁺⁺CD16⁺ Monocyte Subsets as a Surrogate Marker of the Therapeutic Effect of Corticosteroid Therapy in Patients With Cardiac Sarcoidosis. Orii M, Imanishi T, Teraguchi I, Nishiguchi T, Shiono Y, Yamano T, Ino Y, Hirata K, Kubo T, Tanaka A, Akasaka T. *Circ J*. 2015;79(7):1585-92. doi: 10.1253/circj.CJ-14-1422.
 40. Improvement of cardiac function by increasing stimulus strength during left ventricular pacing in cardiac resynchronization therapy. Ishibashi K, Kubo T, Kitabata H, Takarada S, Shimamura K, Tanimoto T, Orii M, Shiono Y, Yamano T, Ino Y, Yamaguchi T, Hirata K, Tanaka A, Imanishi T, Akasaka T. *Int Heart J*. 2015;56(1):62-6. doi: 10.1536/ihj.14-128.
 41. Feasibility of optical coronary tomography in quantitative measurement of coronary arteries with lipid-rich plaque. Kubo T, Yamano T, Liu Y, Ino Y, Shiono Y, Orii M, Taruya A, Nishiguchi T, Shimokado A, Teraguchi I, Tanimoto T, Kitabata H, Yamaguchi T, Hirata K, Tanaka A, Akasaka T. *Circ J*. 2015;79(3):600-6. doi: 10.1253/circj.CJ-14-1085.
 42. Long-term outcome after deferral of revascularization in patients with intermediate coronary stenosis and gray-zone fractional flow reserve. Shiono Y, Kubo T, Tanaka A, Ino Y, Yamaguchi T, Tanimoto T, Yamano T, Matsuo Y, Nishiguchi T, Teraguchi I, Ota S, Ozaki Y, Orii M, Shimamura K, Kitabata H, Hirata K, Imanishi T, Akasaka T. *Circ J*. 2015;79(1):91-5. doi: 10.1253/circj.CJ-14-0671.
 43. Impact of eicosapentaenoic acid treatment on the fibrous cap thickness in patients with coronary atherosclerotic plaque: an optical coherence tomography study. Yamano T, Kubo T, Shiono Y,

- Shimamura K, Orii M, Tanimoto T, Matsuo Y, Ino Y, Kitabata H, Yamaguchi T, Hirata K, Tanaka A, Imanishi T, Akasaka T. *J Atheroscler Thromb*. 2015;22(1):52-61. doi: 10.5551/jat.25593.
44. Effect of atorvastatin therapy on fibrous cap thickness in coronary atherosclerotic plaque as assessed by optical coherence tomography: the EASY-FIT study. Komukai K, Kubo T, Kitabata H, Matsuo Y, Ozaki Y, Takarada S, Okumoto Y, Shiono Y, Orii M, Shimamura K, Ueno S, Yamano T, Tanimoto T, Ino Y, Yamaguchi T, Kumiko H, Tanaka A, Imanishi T, Akagi H, Akasaka T. *J Am Coll Cardiol*. 2014 Dec 2;64(21):2207-17. doi: 10.1016/j.jacc.2014.08.045.
45. Incremental value of coronary flow velocity reserve, measured by transthoracic echocardiography, compared with computed tomography angiography alone, for detecting flow-limiting coronary stenoses. Nakanishi H, Hirata K, Tsujioka H, Yamano T, Tanimoto T, Ino Y, Yamaguchi T, Shimamoto Y, Kubo T, Tanaka A, Imanishi T, Terada M, Akasaka T. *J Am Soc Echocardiogr*. 2014 Nov;27(11):1230-7. doi: 10.1016/j.echo.2014.08.002.
46. Impact of myocardial supply area on the transstenotic hemodynamics as determined by fractional flow reserve. Shiono Y, Kubo T, Tanaka A, Kitabata H, Ino Y, Tanimoto T, Wada T, Ota S, Ozaki Y, Orii M, Shimamura K, Ishibashi K, Yamano T, Yamaguchi T, Hirata K, Imanishi T, Akasaka T. *Catheter Cardiovasc Interv*. 2014 Sep 1;84(3):406-13. doi: 10.1002/ccd.25300.
47. Difference of ruptured plaque morphology between asymptomatic coronary artery disease and non-ST elevation acute coronary syndrome patients: an optical coherence tomography study. Shimamura K, Ino Y, Kubo T, Nishiguchi T, Tanimoto T, Ozaki Y, Satogami K, Orii M, Shiono Y, Komukai K, Yamano T, Matsuo Y, Kitabata H, Yamaguchi T, Hirata K, Tanaka A, Imanishi T, Akasaka T. *Atherosclerosis*. 2014 Aug;235(2):532-7. doi: 10.1016/j.atherosclerosis.2014.05.920.
48. Association between P-selectin glycoprotein ligand-1 and pathogenesis in acute coronary syndrome assessed by optical coherence tomography. Ozaki Y, Imanishi T, Teraguchi I, Nishiguchi T, Orii M, Shiono Y, Shimamura K, Ishibashi K, Tanimoto T, Yamano T, Ino Y, Yamaguchi T, Kubo T, Akasaka T. *Atherosclerosis*. 2014 Apr;233(2):697-703. doi: 10.1016/j.atherosclerosis.2013.12.052.
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50. Relation of albuminuria to coronary microvascular function in patients with chronic kidney disease. Imamura S, Hirata K, Orii M, Shimamura K, Shiono Y, Ishibashi K, Tanimoto T, Yamano T, Ino Y, Kitabata H, Yamaguchi T, Kubo T, Tanaka A, Imanishi T, Akasaka T. *Am J Cardiol*. 2014 Mar 1;113(5):779-85. doi: 10.1016/j.amjcard.2013.11.026.

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Thesis:

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