

Curriculum Vitae
Kosei Terada, MD, PhD
04/01/2024

PERSONAL INFORMATION

Date of Birth: July 12th, 1987
Place of Birth: Wakayama, Japan
Citizenship: Japan

EDUCATION/POST GRADUATE TRAINING

04/2007 - 03/2014 M.D. Wakayama Medical University, Wakayama, Japan
04/2017 - 03/2021 Ph.D. Cardiovascular Medicine, Wakayama Medical University,
Wakayama, Japan

MEDICAL LICENSURE

2014 Medical Doctor's License, Japan, # 516516

EMPLOYMENT

04/2014 - 03/2016 Resident, Internal Medicine, Wakayama Medical University
04/2016 - 03/2018 Clinical Fellow, Department of Cardiovascular Medicine,
Wakayama Medical University
04/2018 - 09/2022 Attending Staff, Department of Cardiovascular Medicine,
Wakayama Medical University
10/2022 - 03/2024 Attending Doctor, Department of Cardiovascular Medicine, Shingu
Municipal Medical Center, Shingu, Wakayama, Japan
04/2024 - present Postdoctoral scholar, Cardiovascular medicine, Stanford university,
CA, US

MEMBERSHIP

The Japanese Society of Internal Medicine

Certified physician, Japanese Society of Internal Medicine, #105513

Board Certified Member of the Japanese Society of Internal Medicine, #41049

The Japanese Circulation Society

Board Certified Member of The Japanese Circulation Society # 23712

The Japanese Society of Echocardiography

Board Certified Echocardiographer for Structural Heart Disease, # 09-054

Board Certified Member of the Japanese Society of Echocardiography, # 22028

The Japan Atherosclerosis Society

Member of Systematic review committee in the Japan Atherosclerosis Society
Guidelines for Prevention of Atherosclerotic Cardiovascular Diseases 2022

The Japanese College of Cardiology

The Japanese Association of Cardiovascular Intervention and Therapeutics

Certified physician, #F5534

The Japan Society of Ultrasonics in Medicine

The Japanese Heart Rhythm Society

The Japanese Heart Failure Society

The Japanese Association of Cardiac Rehabilitation

HONORS AND PRIZES

- 2014 Wakayama Medical University's president Award
- 2014 The 118th Kinki Regional Meeting of the Japanese Circulation Society
Case presentation Award
- 2016 The 43rd Kinki Regional Meeting of the Japan Society of Ultrasonics in Medicine
Best Abstract Award
- 2019 The 24th Transcatheter Cardiovascular Therapeutics Asia Pacific, Korea
Best Abstract Award
- 2019 The Japanese Society of Cardiovascular Imaging and Dynamics
Young Investigator Award
- 2021 The Japanese Society of Cardiovascular Imaging and Dynamics
Cardiovascular Imaging Award
- 2022 Cardiovascular International Imaging Forum Korea
Master's Top 5 publications
- 2022 The 39th Kinki Regional Meeting of the Japanese Association of Cardiovascular
Intervention and Therapeutics, Young Investigator Award
- 2022 Emeritus Professors' Association Award, Wakayama Medical University
- 2022 Wakayama Medical University Young Investigator Award
- 2023 The 33rd Annual Meeting of the Japanese Society of Cardiovascular Imaging and
Dynamics, Young Investigator Award
- 2023 Wakayama Medical University Young Investigator Award
- 2023 Wakayama Medical University Achievement Award
- 2023 The 27th Beyond Angiography Japan, Young Investigator Award
- 2023 Wakayama Medical University Achievement Award, Hanaoka Seisyu Award
- 2023 The 31st Annual Meeting of the Japanese Association of Cardiovascular Intervention
and Therapeutics, Young Investigator Award

RESEARCH SUPPORT

1. JSPS KAKENHI #19K16987 (Principal Investigator)

2019.04 - 2022.03

Elucidation of Mechanism in ACS due to Calcified Nodules through multifaceted approaches

2. JSPS KAKENHI #23K15138 (Principal Investigator)

2023.04 - present

Development of a Novel Therapeutic Strategy in ACS Prevention Focusing on Mitochondrial Function

Publication

1. **Terada K**, Wakana N, Kubo T, Ino Y, Khalifa AKM, Fujita S, Takahata M, Shiono Y, Madder RD, Kameyama T. Clinical outcomes of acute myocardial infarction arising from non-lipid-rich plaque determined by NIRS-IVUS. *Sci Rep.* 2023;13:11544. (The 31st Annual Meeting of the Japanese Association of Cardiovascular Intervention and Therapeutics, Young Investigator Award) (The 33rd Annual Meeting of the Japanese Society of Cardiovascular Imaging and Dynamics, Young Investigator Award)
2. **Terada K**, Kubo T, Kameyama T, Matsuo Y, Ino Y, Emori H, Higashioka D, Katayama Y, Khalifa AKM, Takahata M, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Madder RD, Akasaka T. NIRS-IVUS for Differentiating Coronary Plaque Rupture, Erosion, and Calcified Nodule in Acute Myocardial Infarction. *JACC Cardiovasc Imaging.* 2021;14:1440-50. (The 24th Transcatheter Cardiovascular Therapeutics Asia Pacific Best Abstract Award) (The Japanese Society of Cardiovascular Imaging and Dynamics Cardiovascular Imaging Award)
3. **Terada K**, Kubo T, Madder RD, Ino Y, Takahata M, Shimamura K, Shiono Y, Nishi T, Emori H, Higashioka D, Khalifa AKM, Wada T, Akasaka T. Near-Infrared Spectroscopy to Predict Microvascular Obstruction after Primary Percutaneous Coronary Intervention. *EuroIntervention.* 2021;17:e999-1006. (Wakayama Medical University Achievement Award, Hanaoka Seisyu Award)
4. **Terada K**, Hozumi T, Fujita S, Takemoto K, Nishi T, Khalifa AKM, Kubo T, Tanaka A, Akasaka T. Feasibility of tissue-tracking mitral annular displacement in single four-chamber view as a simple index of left ventricular longitudinal deformation. *J Echocardiogr.* 2022;20:224-32.
5. **Terada K**, Tanaka A, Akasaka T, et al. Role of Optical Coherence Tomography in the Diagnosis of Spontaneous Coronary Artery Dissection. *International Cardiovascular Forum Journal* 14 (2018). DOI: 10.17987/icfj.v14i0.531
6. Kubo T, **Terada K**, Ino Y, Shiono Y, Tu S, Tsao TP, Chen Y, Park DW. Combined Use of Multiple Intravascular Imaging Techniques in Acute Coronary Syndrome. *Front Cardiovasc Med.* 2022;8:824128.
7. Ino Y, Takahata M, **Terada K**, et al. Vascular Response After Everolimus-Eluting Stent in

Acute Myocardial Infarction Caused by Calcified Nodule. *Circ J*. 2022;86:1388-96.

8. Kubo T, Ino Y, Shiono Y, **Terada K**, Emori H, Higashioka D, Takahata M, Wada T, Shimamura K, Khalifa AKM, Tu S, Akasaka T. Usefulness of optical coherence tomography with angiographic coregistration in the guidance of coronary stent implantation. *Heart Vessels*. 2022;37:200-7.
9. Nakamura M, Takemoto K, **Terada K**, Fujita S, Tanimoto T, Tanaka A. Left Atrial Appendage Aneurysm Diagnosed by Transthoracic Echocardiography. *Circ J*. 2022;86:1147.
10. Kashiwagi M, Taruya A, Kuroi A, Katayama Y, **Terada K**, Wada T, Takahata M, Shiono Y, Tanimoto T, Tanaka A. Prevalence of low-attenuation plaques and statin therapy in plaque rupture type of acute coronary syndrome. *Coron Artery Dis*. 2023;34:11-7.
11. Kashiwagi M, Kuroi A, Miyake D, Shimomine E, Teruya Y, Otsuki Y, Higashimoto N, **Terada K**, Nakamura K, Tanaka A. Cryoablation for atrial tachycardia with cycle length variability originating from the vicinity of the sinus node. *J Cardiol Cases*. 2022;27:67-72.
12. Emori H, Shiono Y, **Terada K**, Higashioka D, Takahata M, Fujita S, Wada T, Ota S, Satogami K, Kashiwagi M, Kuroi A, Yamano T, Tanimoto T, Tanaka A. Effect of Atherectomy on Lesion Preparation in Heavily Calcified Coronary Artery Disease. *Circ Rep*. 2022;4:205-14.
13. Kashiwagi M, Ojima T, Hayata K, Kitadani J, Takeuchi A, Kuroi A, **Terada K**, Tanimoto T, Tanaka A, Yamaue H. Risk Factors for Chronic Atrial Fibrillation Development After Esophagectomy for Esophageal Cancer. *J Gastrointest Surg*. 2022;26:2451-9.
14. Kashiwagi M, Katayama Y, Kuroi A, Taruya A, **Terada K**, Tanimoto T, Wada T, Shimamura K, Shiono Y, Kubo T, Tanaka A, Akasaka T. Real-time venography-guided extrathoracic puncture technique for cardiovascular implantable electronic device implantation. *Heart Vessels*. 2022;37:91-8.
15. Kashiwagi M, Kuroi A, Miyake D, Shimomine E, Teruya Y, Otsuki Y, Higashimoto N, **Terada K**, Nakamura K, Tanaka A. Cryoablation for atrial tachycardia with cycle length variability originating from the vicinity of the sinus node. *J Cardiol Cases*. 2022;27:67-72.
16. Madder RD, Kubo T, Ino Y, Kameyama T, **Terada K**, VanOosterhout S, Mulder A, McNamara M, Kanaan M, Samani S, Kassier A, Parker JL, McNamara R, Akasaka T. Target Lesion Lipid Content Detected by Near-Infrared Spectroscopy After Stenting and the Risk of Subsequent Target Lesion Failure. *Arterioscler Thromb Vasc Biol*. 2021;41:2181-9.
17. Kubo T, Ino Y, Mintz GS, Shiono Y, Shimamura K, Takahata M, **Terada K**, Higashioka D, Emori H, Wada T, Kashiwagi M, Tanimoto T, Tanaka A, Hozumi T, Akasaka T. Optical coherence tomography detection of vulnerable plaques at high risk of developing acute coronary syndrome. *Eur Heart Cardiovasc Imaging*. 2021:jeab028.

18. Khalifa AKM, Kubo T, Shimamura K, Ino Y, Kishk YT, Hasan-Ali H, Abdel-Galeel A, **Terada K**, Emori H, Higashioka D, Takahata M, Shiono Y, Akasaka T. Impact of Optical Coherence Tomography Imaging on Decision-Making During Percutaneous Coronary Intervention in Patients Presented With Acute Coronary Syndromes. *Circ J*. 2021;85:1781-8.
19. Kashiwagi M, Kuroi A, Katayama Y, **Terada K**, Fujita S, Hozumi T, Shimamura K, Shiono Y, Tanimoto T, Kubo T, Tanaka A, Akasaka T. Impact of cavotricuspid isthmus depth on the ablation index for successful first-pass typical atrial flutter ablation. *Sci Rep*. 2021;11:22413.
20. Higashioka D, Shiono Y, Kubo T, Kitabata H, Nishi T, **Terada K**, Emori H, Takahata M, Wada T, Shimamura K, Matsuo Y, Ino Y, Tanaka A, Hozumi T, Akasaka T. The inter-study reproducibility of instantaneous wave-free ratio and angiography coregistration. *J Cardiol*. 2020;75:507-12.
21. Khalifa AKM, Ino Y, Kubo T, Tanimoto T, Shimamura K, Shiono Y, Takahata M, **Terada K**, Higashioka D, Wada T, Taruya A, Emori H, Katayama Y, Kashiwagi M, Kuroi A, Matsuo Y, Fujita S, Tanaka A, Hozumi T, Akasaka T. Very late-phase vascular response after everolimus-eluting stent implantation assessed by optical coherence tomography. *Int J Cardiovasc Imaging*. 2020;36:1627-35.
22. Shimamura K, Kubo T, Ino Y, Shiono Y, Matsuo Y, Kitabata H, **Terada K**, Emori H, Katayama Y, Khalifa AKM, Takahata M, Wada T, Higashioka D, Kashiwagi M, Kuroi A, Tanaka A, Hozumi T, Akasaka T. Intracoronary pressure increase due to contrast injection for optical coherence tomography imaging. *J Cardiol*. 2020;75:296-301.
23. Takahata M, Ino Y, Kubo T, Tanimoto T, Taruya A, **Terada K**, Emori H, Higashioka D, Katayama Y, Khalifa AKM, Wada T, Ozaki Y, Shimamura K, Shiono Y, Kashiwagi M, Kuroi A, Fujita S, Tanaka A, Hozumi T, Akasaka T. Prevalence, Features, and Prognosis of Artery-to-Artery Embolic ST-Segment-Elevation Myocardial Infarction: An Optical Coherence Tomography Study. *J Am Heart Assoc*. 2020;9:e017661.
24. Emori H, Kubo T, Shiono Y, Ino Y, Shimamura K, **Terada K**, Nishi T, Higashioka D, Takahata M, Wada T, Kashiwagi M, Khalifa AKM, Tanaka A, Hozumi T, Tu S, Akasaka T. Comparison of Optical Flow Ratio and Fractional Flow Ratio in Stent-Treated Arteries Immediately After Percutaneous Coronary Intervention. *Circ J*. 2020;84:2253-8.
25. Kashiwagi M, Tanimoto T, Kitabata H, Arita Y, Yamamoto Y, Mori K, **Terada K**, Nishiguchi T, Taruya A, Kubo T, Tanaka A, Akasaka T. Usefulness of rescue ultrasound guidance for transradial cardiac catheterization. *Cardiovasc Revasc Med*. 2019;20:311-5
26. Emori H, Kubo T, Kameyama T, Ino Y, Matsuo Y, Kitabata H, **Terada K**, Katayama Y, Aoki H, Taruya A, Shimamura K, Ota S, Tanaka A, Hozumi T, Akasaka T. Diagnostic Accuracy of Quantitative Flow Ratio for Assessing Myocardial Ischemia in Prior Myocardial Infarction. *Circ J*. 2018;82:807-14.
27. 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. Association of Hemodynamic Severity With

Plaque Vulnerability and Complexity of Coronary Artery Stenosis: A Combined Optical Coherence Tomography and Fractional Flow Reserve Study. *JACC Cardiovasc Imaging*. 2019;12:1103-5.

28. Khalifa AKM, Kubo T, Ino Y, **Terada K**, Emori H, Higashioka D, Katayama Y, Takahata M, Shimamura K, Shiono Y, Matsuo Y, Tanaka A, Hozumi T, Akasaka T. Optical Coherence Tomography Comparison of Percutaneous Coronary Intervention Among Plaque Rupture, Erosion, and Calcified Nodule in Acute Myocardial Infarction. *Circ J*. 2020;84:911-6.
29. Matsuo Y, Shiono Y, Kashiwaga K, Ino Y, Nishi T, **Terada K**, Emori H, Higashioka D, Katayama Y, Mahfouz AK, Wada T, Fujita S, Takahata M, Shimamura K, Kashiwaga M, Kuroi A, Tanaka A, Hozumi T, Kubo T, Akasaka T. Extent of the difference between microcatheter and pressure wire-derived fractional flow reserve and its relation to optical coherence tomography-derived parameters. *Int J Cardiol Heart Vasc*. 2020;27:100500.
30. Kashiwaga M, Kitabata H, Tanaka A, Arita Y, Taruya A, Shimamoto Y, Yamamoto Y, Mori K, Nishiguchi T, **Terada K**, Ota S, Tanimoto T, Kubo T, Akasaka T. Combination of Lesion Stenosis and Myocardial Supply Area Assessed by Coronary Computed Tomography Angiography for Prediction of Myocardial Ischemia. *Int Heart J*. 2019;60:1238-44.
31. Khalifa AKM, Kubo T, Ino Y, Takahata M, Shimamura K, Shiono Y, **Terada K**, Emori H, Higashioka D, Katayama Y, Akasaka T. Role of optical coherence tomography in optimizing percutaneous coronary intervention. *Journal of Coronary Artery Disease* 2019;25:52-9
32. Ino Y, Kubo T, Shimamura K, Takahata M, Matsuo Y, Kitabata H, Shiono Y, Wada T, **Terada K**, Katayama Y, Emori H, Higashioka D, Tanaka A, Hozumi T, Akasaka T. Stabilization of High Risk Coronary Plaque on Optical Coherence Tomography and Near-Infrared Spectroscopy by Intensive Lipid-Lowering Therapy With Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Inhibitor. *Circ J*. 2019;83:1765.
33. Kubo T, Emori H, Katayama Y, **Terada K**. Three-vessel fractional flow reserve measurement for predicting clinical prognosis in patients with coronary artery disease. *J Thorac Dis*. 2018;10(Suppl 26):S3115-S3120.
34. Emori H, Kubo T, Kameyama T, Ino Y, Matsuo Y, Kitabata H, **Terada K**, Katayama Y, Taruya A, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T. Quantitative flow ratio and instantaneous wave-free ratio for the assessment of the functional severity of intermediate coronary artery stenosis. *Coron Artery Dis*. 2018;29:611-7.
35. Kubo T, Takahata M, **Terada K**, Mori K, Arita Y, Ino Y, Matsuo Y, Kitabata H, Shiono Y, Shimamura K, Kameyama T, Emori H, Katayama Y, Tanimoto T, Akasaka T. Retrospective Comparison of Long-Term Clinical Outcomes Between Percutaneous Coronary Intervention and Medical Therapy in Stable Coronary Artery Disease With Gray Zone Fractional Flow Reserve - COMFORTABLE Retrospective Study. *Circ J*. 2018;82:3044-51.
36. Katayama Y, Kubo T, Ino Y, Kameyama T, Matsuo Y, Kitabata H, **Terada K**, Emori H,

Aoki H, Taruya A, Shimamura K, Ota S, Tanaka A, Hozumi T, Akasaka T. The relationship between timing of prasugrel pretreatment and in-stent thrombus immediately after percutaneous coronary intervention for acute coronary syndrome: an optical coherence tomography study. *Heart Vessels*. 2018;33:1159-67.

37. 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. Effect of Early Pitavastatin Therapy on Coronary Fibrous-Cap Thickness Assessed by Optical Coherence Tomography in Patients With Acute Coronary Syndrome: The ESCORT Study. *JACC Cardiovasc Imaging*. 2018;11:829-38.
38. Ino Y, Kubo T, Kameyama T, Shimamura K, **Terada K**, Matsuo Y, Kitabata H, Shiono Y, Kashiwagi M, Kuroi A, Maniwa N, Ota S, Ozaki Y, Tanaka A, Hozumi T, Akasaka T. Clinical Utility of Combined Optical Coherence Tomography and Near-Infrared Spectroscopy for Assessing the Mechanism of Very Late Stent Thrombosis. *JACC Cardiovasc Imaging*. 2018;11:772-5.

JAPANESE PUBLICATION

39. **Terada K**, Ehara S, Tamita K, Kitai T. Cardiac Sarcoidosis [Clinical Practice for Cardiovascular Diseases], *Medicasyuppan* [Tokyo, Japan]. 2021;2:199-213.
40. **Terada K**, Kubo K, Akasaka T, Yamaguchi O. Ischemic Heart Disease, Intravascular Imaging [The Complete Guidance for Cardiovascular Disease], *Gakken Medical Syujyunsha* [Tokyo, Japan]. 2022;139-149.
41. **Terada K**, Kubo T. A Novel Intravascular Imaging. [Heart], *Japan Heart Foundation* [Tokyo, Japan]. 2020;52:558-62.
42. **Terada K**, Fujita S, Hozumi T. Left ventricular dilatation and systolic function index. *Journal of Clinical Echocardiology*. 2021;22:998-1005.
43. **Terada K**. How to Detect Vulnerable Plaque by Intravascular Imaging. [CATH LAB JIN]. *Medical eye online* [Tokyo, Japan]. 2023 Autumn.
44. **Terada K**. Wakayama Medical University Hanaoka Seisyu Award 2023. NIRS-IVUS to Predict Microvascular Obstruction after Primary Percutaneous Coronary Intervention. *Wakayamaigaku*. 74;90-7.
45. Kubo T, Katayama Y, Hiroki Emori, **Terada K**, Akasaka T. Clinical and technical update on intracoronary optical coherence tomography. *J Jpn Coron Assoc* 2017;23:41-7.
46. Kubo T, **Terada K**, Yasushi Ino, Takeyoshi Kameyama, Noriyuki Wakana, Nobuaki Suzuki, Tomotaka Dohi. Combined near-infrared spectroscopy and intravascular ultrasound coronary imaging. [Cardiovascular Medicine], *Kagakuhyoronsya* [Tokyo, Japan] 2022;91:471-8.

INTERNATIONAL CONFERENCE

1. **Terada K**, Wakana N, Kameyama T, Ino Y, Takahata M, Shiono Y, Kitabata H, Tanaka A. Clinical Outcomes of Acute Myocardial Infarction Arising from Non-lipid-rich Plaque Determined by NIRS-IVUS. The Japanese Association of Cardiovascular Intervention and Therapeutics 2023, 2023. Aug. Fukuoka, Japan.
Young Investigator Award
2. **Terada K**, Wakana N, Kameyama T, Ino Y, Takahata M, Shiono Y, Kitabata H, Tanaka A. Clinical Outcomes of AMI Arising from Non-lipid-rich Plaque Determined by NIRS-IVUS. Transcatheter Cardio Therapeutics (TCT) 2023, 2023. Oct. San Fransisco, USA
3. **Terada K**, Ino Y, Takahata M, Shiono Y, Kitabata H, Tanaka A. NIRS-IVUS Assessment of OCT-derived Healed Coronary Plaques. Transcatheter Cardio Therapeutics (TCT) 2023, 2023. Oct. San Fransisco, USA
4. **Terada K**, Ino Y, Takahata M, Shiono Y, Kitabata H, Tanaka A. NIRS-IVUS for Differentiating Coronary Plaque Rupture, Erosion, and Calcified Nodule in Acute Myocardial Infarction. Japanese Circulation Society (JCS) 2023, 2023. March. Fukuoka, Japan
5. **Terada K**, Ino Y, Takahata M, Shiono Y, Kitabata H, Tanaka A. Near-Infrared Spectroscopy to Predict Microvascular Obstruction after Primary PCI. Japanese Circulation Society (JCS) 2023, 2023. Mar. Fukuoka, Japan
6. **Terada K**, Wakana N, Kameyama T, Takahata M, Shiono Y, Ino Y, Tanaka A. Clinical Outcomes of Acute Myocardial Infarction Arising from Non-lipid-rich Plaque Diagnosed by NIRS-IVUS. Japanese Circulation Society (JCS) 2023, 2023. Mar. Fukuoka, Japan
7. **Terada K**, Kubo T. NIRS-IVUS for Differentiating Coronary Plaque Rupture, Erosion, and Calcified Nodule in Acute Myocardial Infarction. Cardiovascular International Imaging Forum Korea 2022, 2022. Jun. Suwon, Korea
Master's Top 5 publications Award.
8. **Terada K**, Kubo T, Nishi T, Emori H, Higashioka D, Khalifa AKM, Takahata M, Wada T, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T. Lipid-rich Plaque Detected by Near-infrared Spectroscopy as a Predictor of Microvascular Obstruction after primary PCI. Japanese Circulation Society (JCS) 2021, 2021. Mar. Yokohama, Japan
9. **Terada K**, Kubo T, Matsuo Y, Ino Y, Kitabata H, Emori H, Katayama Y, Khalifa AKM,

Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T.

Diagnosis of Coronary Plaque Rupture, Plaque Erosion and Calcified Nodule by Using Near-Infrared Spectroscopy Intravascular Ultrasound. European society of Cardiology (ESC) 2019, 2019. Aug. Paris, France

10. **Terada K**, Kubo T, Matsuo Y, Ino Y, Kitabata H, Emori H, Katayama Y, Khalifa AKM, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T. Quantitative Assessment of Lipid Composition by NIRS-IVUS is Helpful for Differentiating among Plaque Rupture, Erosion, and Calcified Nodule in the Culprit Lesion of ACS. Transcatheter Cardio Therapeutics (TCT) 2019, 2019. Sep. San Fransisco, USA
11. **Terada K**, Kubo T, Matsuo Y, Ino Y, Kitabata H, Emori H, Katayama Y, Khalifa AKM, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T. Quantitative Assessment of Vulnerable Plaque by NIRS-IVUS Is Helpful for Differentiating among Plaque Rupture, Plaque Erosion and Calcified Nodule in the Culprit Lesion of ACS. Transcatheter Cardio Therapeutics Asian Pasific (TCTAP) 2019, 2019. Apr. Coex, Korea
Best Abstract Award
12. **Terada K**, Kubo T, Matsuo Y, Ino Y, Kitabata H, Emori H, Katayama Y, Khalifa AKM, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T. Quantitative Assessment of Lipid Composition by NIRS-IVUS Is Helpful for Differentiating among Plaque Rupture, Plaque Erosion, and Calcified Nodule in the Culprit Lesion of ACS. American Heart Association (AHA) 2019, 2019. Nov. Philadelphia, USA
13. **Terada K**, Kubo T, Matsuo Y, Ino Y, Kitabata H, Emori H, Katayama Y, Khalifa AKM, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T. Quantitative Assessment of Lipid Composition by NIRS-IVUS Is Helpful for Differentiating Among Plaque Rupture, Plaque Erosion, and Calcified Nodule in the Culprit Lesion of ACS. American College of Cardiology (ACC) 2019, 2019. Mar. New Orleans, USA
14. **Terada K**, Kubo T, Matsuo Y, Ino Y, Kitabata H, Emori H, Katayama Y, Khalifa AKM, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T. Quantitative Assessment of Lipid Composition by NIRS-IVUS is Helpful for Differentiating among Plaque Rupture, Erosion, and Calcified Nodule in ACS. Japanese Circulation Society (JCS) 2019, 2019. Mar. Yokohama, Japan
15. **Terada K**, Kitabata H, Matsuo Y, Ino Y, Emori H, Katayama Y, Khalifa AKM, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Kubo T, Akasaka T. Usefulness of a

guide-extension catheter for the transradial intervention in a patient with anomalous high take-off of the right coronary artery ostium. Cardiovascular Research Technologies (CRT) 2017, 2017. Feb. Washington DC, USA

16. **Terada K**, Hozumi T, Matsuo Y, Ino Y, Kitabata H, Emori H, Katayama Y, Khalifa AKM, Shimamura K, Shiono Y, Tanaka A, Kubo T, Akasaka T. Mitral Annular Displacement in Apical Four-chamber View by Speckle-tracking Echocardiography as a Simple Index for Left Ventricular Longitudinal Systolic Function. Euro Echo Imaging, 2016. 2016. Dec. Leipzig, Germany
17. Kassier A, Madder R, Kubo T, Ino Y, Kameyama T, **Terada K**, Vanoosterhout S, Mulder A, McNamara M, Kanaan M, Samani S, Parker J, McNamara R, Akasaka T. Retained Target Lesion Lipid Content After Stenting and the Risk of Subsequent Target Lesion Failure. American College of Cardiology 2020 together with World Congress of Cardiology (ACC.20/WCC Virtual). Journal of the American College of Cardiology. Volume 75, Issue 11 Supplement 1, March 2020 DOI: 10.1016/S0735-1097(20)32075-1.
18. Wada T, Shiono Y, Nishi T, **Terada K**, Higashioka D, Emori H, Katayama Y, Takahata M, Fujita S, Kashiwagi M, Shimamura K, Kuroi A, Tanimoto T, Matsuo Y, Kubo T, Tanaka A, Hozumi T, Akasaka T. Impact of Instantaneous Wave-free Ratio on Graft Failure after Coronary Artery Bypass Graft Surgery. The 84th Annual Scientific Meeting of the Japanese Circulation Society. 2020, 2020. Jul. (Online Meeting)
19. Ino Y, Kubo T, **Terada K**, Shimamura K, Matsuo Y, Kitabata H, Shiono Y, Takahata M, Katayama Y, Emori H, Tanaka A, Hozumi T, Akasaka T. Clinical utility of combined optical coherence tomography and near-infrared spectroscopy for assessing the mechanism of very late stent thrombosis. American College of Cardiology (ACC). 2019, 2019. Mar. New Orleans, USA
20. Shimamura K, Kubo T, Ino Y, Shiono Y, Matsuo Y, Kitabata H, **Terada K**, Emori H, Katayama Y, Amir K. M. Khalifa, Takahata M, Wada T, Kashiwagi M, Kuroi A, Tanaka T, Hozumi T, Akasaka T. Angiography alone versus angiography plus intracoronary imaging to guide percutaneous coronary intervention: Outcomes from Wakayama Multicenter PCI registry. The 24th Cardiovascular Summit Transcatheter Cardiovascular Therapeutics Asia Pacific (TCTAP) 2019, 2019. Apr, Seoul, Korea
21. Takahata M, Ino Y, Kubo T, Matsuo Y, **Terada K**, Emori H, Katayama Y, Amir K, Wada T, Shimamura K, Shiono Y, Tanaka A, Hozumi T, Akasaka T. Prevalence, Features and Prognosis of Artery-to-Artery Embolic Myocardial Infarction; An Optical Coherence

Tomography Study. The 24th Cardiovascular Summit Transcatheter Cardiovascular Therapeutics Asia Pacific (TCTAP) 2019, 2019. Apr, Seoul, Korea

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