

【Publications】

1. Kazuhiro Dan , Rebecca Torguson , Paige Craig , Cheng Zhang , Corey Shea , Carlo Di Mario , Hector Garcia-Garcia , Gary Mintz, Ron Waksman.
Near-infrared spectroscopy intravascular ultrasound imaging evaluation in patients with chronic renal insufficiency
JACC Cardiovascular Imaging. In press.
2. Kazuhiro Dan, Hector M Garcia-Garcia, Paul Kolm, Stephan Windecker, Shigeru Saito, David Kandzari, and Ron Waksman
Comparison of Ultrathin, Bioresorbable-Polymer Sirolimus-Eluting Stents and Thin, Durable-Polymer Everolimus-Eluting Stents in Calcified or Small-vessel Lesions
Circulation: Cardiovascular Interventions. 2020 Sep;13(9):e009189.
3. Chezar-Azerrad C, Garcia-Garcia HM, Dan K, Barriola R, Kuku KO, Beyene SS, Melaku GD, Shlofmitz E, Yerasi C, Case BC, Forrestal BJ, Ben-Dor I, Medranda GA, Hashim H, De Maria GL, Campos CM, Bourantas C, Waksman R.
Optical Coherence Tomography based treatment approach for patients with Acute Coronary Syndrome.
Expert Review Cardiovascular Therapy. 2021 Jan 8:1-9.
4. Dan K, Garcia-Garcia HM, Yacob O, Kuku KO, Kolm P, Shah N, Bennett MR, Curzen N, Waksman R, Mahmoudi M.
Comparison of plaque distribution and wire-free functional assessment in patients with stable angina and non-ST elevation myocardial infarction: an optical coherence tomography and quantitative flow ratio study.
Coronary Artery Disease. 2021;32(2):131-137.
5. Dan K, Shinoda A, Teramura M, Okada H, Tsuzura D, Ichihashi K, Sato D, Maeda T, Tanaka N, Teramoto T, Garcia-Garcia HM.
Intracoronary imaging evaluation of pull-back orbital atherectomy in tortuous coronary artery with nodular calcified lesion.
Cardiovascular Revascularization Medicine. In press.

6. Beyene SS, Yacob O, Melaku GD, Hideo-Kajita A, Kuku KO, Brathwaite E, Wilson V, Dan K, Kadakkal A, Sheikh F, Mohammed S, Garcia-Garcia HM.
Comparison of patterns of coronary artery disease in patients with heart failure by cardiac amyloidosis status.
Cardiovascular Revascularization Medicine. In press.
7. Hideo-Kajita A, Garcia-Garcia HM, Rubarth R, Wopperer S, Ozaki Y, Freire AFD, Cavalcante R, Bittencourt M, Dan K, Pinheiro TL, Falcão BAA, Falcao JLA, Soares P, Ribeiro E, Rochitte CE, Lemos PA.
Natural history of adapted Leaman score assessing coronary artery disease progression by computed tomography angiography: A 7 year follow-up report.
Cardiovascular Revascularization Medicine. In press.
8. Kazuhiro Dan, Akira Shinoda, Hiromi Matsubara
Systematic staged percutaneous balloon pulmonary angioplasty in severe inoperable chronic thromboembolic pulmonary hypertension
Arquivos Brasileiros de Cardiologia. 2021;116:21-24.
9. Near-Infrared Spectroscopy Intravascular Ultrasound Imaging: State of the Art.
Kuku KO, Singh M, Ozaki Y, Dan K, Chezar-Azerrad C, Waksman R, Garcia-Garcia HM.
Frontiers in Cardiovascular Medicine. 2020;7:107.
10. Yerasi C, Case BC, Forrestal BJ, Kolm P, Dan K, Torguson R, Weintraub WS, Garcia-Garcia HM, Waksman R.
Risk of mortality with paclitaxel drug-coated balloon in de novo coronary artery disease.
Cardiovascular Revascularization Medicine. 2020;21(4):549-555.
11. De Maria GL, Garcia-Garcia HM, Scarsini R, Hideo-Kajita A, Gonzalo López N, Leone AM, Sarno G, Daemen J, Shlofmitz E, Jeremias A, Tebaldi M, Bezerra HG, Tu S, Lemos PA, Ozaki Y, Dan K, Collet C, Banning AP, Barbato E, Johnson NP, Waksman R.
Novel Indices of Coronary Physiology: Do We Need Alternatives to Fractional Flow Reserve?
Circulation: Cardiovascular Interventions. 2020;13(4):e008487.

12. Dan K, Shlofmitz E, Khalid N, Hideo-Kajita A, Wermers JP, Torguson R, Kolm P, Garcia-Garcia HM, Waksman R.
Paclitaxel-related balloons and stents for the treatment of peripheral artery disease: Insights from the Food and Drug Administration 2019 Circulatory System Devices Panel Meeting on late mortality.
American Heart Journal. 2020;222:112-120.
13. Hideo-Kajita A, Garcia-Garcia HM, Kolm P, Azizi V, Ozaki Y, Dan K, Ince H, Kische S, Abizaid A, Töelg R, Lemos PA, Van Mieghem NM, Verheye S, von Birgelen C, Christiansen EH, Wijns W, Lefèvre T, Windecker S, Waksman R, Haude M; BIOFLOW-II, BIOSOLVE-II and BIOSOLVE-III investigators.
Comparison of clinical outcomes between Magmaris and Orsiro drug eluting stent at 12 months: Pooled patient level analysis from BIOSOLVE II-III and BIOFLOW II trials.
International Journal of Cardiology. 2020;300:60-65.
14. Shlofmitz E, Ben-Dor I, Khalid N, Kuku KO, Chen Y, Dan K, Garcia-Garcia HM, Waksman R.
Intravascular Ultrasound Assessment of the Impact of Intravascular Lithotripsy.
Cardiovascular Revascularization Medicine. 2019;20(12):1209-1210.
15. Dan K, Shinoda A, Tsuzura D, Garcia-Garcia HM.
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Cardiology Journal. 2019;26(4):407-409.
16. Khalid N, Rogers T, Shlofmitz E, Chen Y, Dan K, Torguson R, Weintraub WS, Waksman R.
Overview of the 2018 US Food and Drug Administration Circulatory System Devices Panel Meeting on Device-Based Therapies for hypertension.
Cardiovascular Revascularization Medicine.2019;20(10):891-896.
17. Dan K, Garcia-Garcia HM, Yacob O, Kuku KO, Kolm P, Shah N, Bennett MR, Curzen N, Waksman R, Mahmoudi M.
Deoxyribonucleic Acid Repair Activity Is Associated with Healed Coronary Plaque Rupture by Optical Coherence Tomography.
Journal of Cardiovascular Translational Research. 2019;12(6):608-610.

18. Hideo-Kajita A, Wopperer S, Beyene SS, Meirovich YF, Melaku GD, Kuku KO, Brathwaite EJ, Ozaki Y, Dan K, Torguson R, Waksman R, Garcia-Garcia HM.
Impact of two formulas to calculate percentage diameter stenosis of coronary lesions: from stenosis models (phantom lesion model) to actual clinical lesions.
International Journal of Cardiovascular Imaging. 2019;35(12):2139-2146.
19. Dan K, Garcia-Garcia HM, Hideo-Kajita A, Zhang C, Wermers JP, Kolm P, Torguson R, Waksman R.
Paclitaxel-coated balloons and stents for the treatment of peripheral artery disease: proceedings from the Cardiovascular Research Technologies (CRT) 2019 Town Hall.
EuroIntervention. 2019;15(4):e317-e319.
20. Shah N, Meira LB, Elliott RM, Hoole SP, West NE, Brown AJ, Bennett MR, Garcia-Garcia HM, Kuku KO, Dan K, Kolm P, Mariathas M, Curzen N, Mahmoudi M.
DNA Damage and Repair in Patients With Coronary Artery Disease: Correlation With Plaque Morphology Using Optical Coherence Tomography (DECODE Study).
Cardiovascular Revascularization Medicine.2019;20(9):812-818.
21. Hideo-Kajita A, Garcia-Garcia HM, Haude M, Joner M, Koolen J, Ince H, Abizaid A, Toelg R, Lemos PA, von Birgelen C, Christiansen EH, Wijns W, Neumann FJ, Kaiser C, Eeckhout E, Teik LS, Escaned J, Azizi V, Kuku KO, Ozaki Y, Dan K, Waksman R.
First Report of Edge Vascular Response at 12 Months of Magmaris, A Second-Generation Drug-Eluting Resorbable Magnesium Scaffold, Assessed by Grayscale Intravascular Ultrasound, Virtual Histology, and Optical Coherence Tomography. A Biosolve-II Trial Sub-Study.
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22. Dan K, Miyoshi T, Nakahama M, Ito H, Garcia-Garcia HM.
Percutaneous Coronary Intervention for Chronic Total Occlusion in Patients With Chronic Kidney Disease: Should Imaging Surveillance Be Mandatory?
Canadian Journal of Cardiology. 2019;35(4):545.e9.

23. Hideo-Kajita A, Rogers T, Buchanan K, Iantorno M, Gajanana D, Ozaki Y, Dan K, Kolm P, Brathwaite E, Beyene S, Melaku G, Meirovich Y, Dheendsa A, Garcia-Garcia HM, Torguson R, Waksman R.
Effects of Cangrelor as Adjunct Therapy to Percutaneous Coronary Intervention.
American Journal of Cardiology. 2019;123(8):1228-1238.
24. Feasibility of a porcine arteriovenous shunt model for assessment of acute thrombogenicity in bifurcation stenting technique by optical coherence tomography
Kazuhiro Dan, Hector M. Garcia-Garcia, Evan Shlofmitz, Takayuki Okamura, Ron Waksman, et al.
Cardiovascular Revascularization Medicine. 2020 Aug;21(8):1000-1005.
25. Using Intravascular Ultrasound in Patients With Acute Coronary Syndrome: Characterizing Attenuated Plaque Is (Im)possible?
Dan K, Waksman R, Garcia-Garcia HM.
JACC Cardiovascular Interventions. 2018;11(24):2545.
26. Stentless strategy in primary PCI setting: An alternative strategy in some clinical scenarios?
Dan K, Garcia-Garcia HM, Shinoda A, Waksman R.
Cardiovascular Revascularization Medicine. 2018;19(8S):5-7.
27. Letter by Dan et al Regarding Article, "Treatment Effect of Drug-Coated Balloons Is Durable to 3 Years in the Femoropopliteal Arteries: Long-Term Results of the IN.PACT SFA Randomized Trial".
Dan K, Garcia-Garcia HM, Waksman R.
Circulation: Cardiovascular Interventions. 2018;11(6):e006679.
28. Clinical outcomes of complete revascularization using either angiography-guided or fractional flow reserve-guided drug-eluting stent implantation in non-culprit vessels in ST elevation myocardial infarction patients: insights from a study based on a systematic review and meta-analysis.
Hideo-Kajita A, Garcia-Garcia HM, Kuku KO, Beyene SS, Azizi V, Meirovich YF, Melaku GD, Dheendsa A, Brathwaite EJ, Desale S, Soud M, Dan K, Ozaki Y, Waksman R, Lipinski M.
International Journal of Cardiovascular Imaging. 2018;34(9):1349-1364.

29. Impact of Chronic Kidney Disease on Cardiovascular and Renal Events in Patients Undergoing Percutaneous Coronary Intervention with Everolimus-Eluting Stent: Risk Stratification with C-Reactive Protein.
Dan K, Miyoshi T, Nakahama M, Mizuno T, Kagawa K, Naito Y, Kawada S, Ito H.
Cardiorenal Medicine. 2018;8(2):151-159.
30. Left main bifurcation percutaneous coronary intervention using a drug-eluting stent and drug-coated balloon: optical frequency domain imaging follow-up
Kazuhiro Dan, Yuya Takahashi, Kei Ichihashi, et al.
AsiaIntervention 2018;4(1):34.
31. Left main true bifurcation PCI: In the aftermath of DKCRUSH V trial: The case for modifying Medina terminology to include complexity of LMCA anatomy.
Dan K, Waksman R, Garcia-Garcia HM.
Cardiovascular Revascularization Medicine. 2018;19(2):137-138.
32. Cardio-pulmonary arrest with acute coronary syndrome and ruptured abdominal aortic aneurysm: An unexpected scenario.
Dan K, Mizuno T, Nakahama M, Ito H.
International Journal of Cardiology. 2016;221:906-907.
33. Coronary artery hematoma in a case of chronic total occlusion treated with intravascular imaging and a novel scoring balloon catheter
Kazuhiro Dan, Makoto Nakahama, Kenzo Kagawa, Hiroshi Ito
International Journal of Clinical Experimental Medicine 2016; 9(1): 408-411.
34. Impact of chronic kidney disease on left main coronary artery disease and prognosis in Japanese patients.
Dan K, Miyoshi T, Ueda M, Ohtsuka H, Ugawa S, Ohnishi N, Takaishi A, Nakamura K, Kusano K, Ito H.
Circulation Journal. 2012;76(9):2266-2272.

35. Intravenous administration of nicorandil immediately before percutaneous coronary intervention can prevent slow coronary flow phenomenon.
Kawai Y, Hisamatsu K, Matsubara H, Dan K, Akagi S, Miyaji K, Munemasa M, Fujimoto Y, Kusano KF, Ohe T.
European Heart Journal. 2009;30(7):765-772.
36. Additional effects of bosentan in patients with idiopathic pulmonary arterial hypertension already treated with high-dose epoprostenol.
Akagi S, Matsubara H, Miyaji K, Ikeda E, Dan K, Tokunaga N, Hisamatsu K, Munemasa M, Fujimoto Y, Ohe T.
Circulation Journal. 2008;72(7):1142-1146.
37. Right-sided heart failure due to compression of the right atrium by remarkable ascending aortic elongation.
Akagi S, Taguchi E, Dan K, Ikeda Y, Kawai Y, Hisamatsu K, Munemasa M, Fujimoto Y, Matsubara H, Mikouchi H.
Circulation. 2005;112(14):e252.

【Representative presentations】

American Heart Association 2011: Hot Topic Session

American College of Cardiology 2011, 2014, 2018

European Society of Cardiology 2014

Transcatheter Cardiovascular Therapeutics 2017, 2018, 2019

Euro PCR 2014, 2016

75th Japanese Circulation Society (JCS) annual meeting: Symposium

20th Japanese Association of Cardiovascular Intervention and Therapeutics (CVIT) annual meeting:

Panel discussion

【Prize】

2015 Young Investigator's Award of CVIT in the Tokai district

2012 Young Investigator's Award of JCS in the Chugoku district