

発表と論文

Comparison of Repeat Sirolimus-Eluting Stent Implantation and Balloon Angioplasty for the Treatment of SES Restenosis. *Am J Cardiol* 2008;101(8) 50C.

Atherosclerotic Neointimal Change Could Be One of the Causes of Stent Thrombosis: An Optical Coherence Tomography Study. *The American Journal of Cardiology*, Volume 107, Issue 8, Supplement, April 2011, Pages 22A-23A.

Intimal Disruption Is Associated With Late Stent Thrombosis: an Optical Coherence Tomography Study. *Journal of the American College of Cardiology*, Volume 57, Issue 14, Supplement, 5 April 2011, Page E977.

TCT-100, Neointimal Change and Late Stent Thrombosis After Coronary Bare-metal Stent Implantation: An Optical Coherence Tomography Study. *Journal of the American College of Cardiology*, Volume 58, Issue 20, Supplement, 8 Nov 2011, Page B29.

The Role of Macrophage Accumulations on Bare-Metal Stent Failure Presenting With Acute Coronary Syndrome: Observation by Optical Coherence Tomography. *Journal of the American College of Cardiology*, Volume 60, Issue 17, Supplement, 23 October 2012, Page B77.

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Diagnostic Efficiency of Hybrid iFR-FFR Decision-making Strategy Compared With FFR-only Strategy. *Journal of the American College of Cardiology*, Volume 63, Issue 12, Supplement, 1 April 2014, Page A1792.

iFR Webinar at K's Room with Prof Ken Kozuma of Teikyo University, Tokyo, Sep 2017.

Instantaneous Wave-free Ratio Scout Pullback (iFR Scout) Pre-Angioplasty Predicts Hemodynamic Outcome in Humans With Coronary Artery Disease: Primary Results of International Multicenter iFR GRADIENT Registry. *Journal of the American College of Cardiology*, Volume 69, Issue 11, Supplement, 21 March 2017, Page 1050.

CVIT 2017, Discussion, FFR vs. iFR vs. FFRCT, Discusser (iFR).

Pre-TCT Great Debate 2016, Imaging vs. Physiology, Discusser vs. Dr Javier Escaned (Co-director of EuroPCR 2016)

Cook CM, Kikuta Y, Shiono Y, Davies JE et al. Diagnostic Accuracy of FFR-CT: a systematic review. *JAMA Cardiol* 2017.

Cook CM, Jeremias A, Petraco R, Sen S, Nijjer S, Shun-Shin MJ, Ahmad Y, de Waard G, van de Hoef T, Echavarria-Pinto M, van Lavieren M, Al-Lamee R, Kikuta Y, Shiono Y, Buch A, Meuwissen M, Danad I, Knaapen P, Maehara A, Koo BK, Mintz GS, Escaned J, Stone GW, Francis DP, Mayet J, Piek JJ, van Royen N, Davies JE. FFR/iFR Discordance in Angiographically Intermediate Coronary Stenoses: An Analysis Using Doppler-Derived Coronary Flow Measurements. *JACC*

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Kikuta Y, van de Hoef T, Shiono Y, Davies JE et al. Agreement of fractional flow reserve and instantaneous wave-free ratio with coronary flow capacity: a Sub-analysis of the Iberian-Dutch-English (IDEAL) Study. Journal of the American College of Cardiology, Volume 71, Issue 11, Supplement, 10–12 March 2018, Page a1180.

Daiichi-Sankyo Webinar with Prof H Yokoi 2018.

CVIT 2018 Symposia. Updated diagnostic procedure of myocardial ischemia.

Yuetsu Kikuta, Christopher M. Cook, Yoshiaki Kawase, Yasutsugu Shiono, Masafumi Nakayama, Atsushi Mizuno, Kazunori Horie, Masahiro Yamawaki, Hideo Takebayashi, Seiichi Haruta, Jamil Mayet, Jan J. Piek, Carlo Di Mario, Javier Escaned, Hitoshi Matsuo, Justin E. Davies, et al. Pre-Angioplasty Instantaneous Wave-Free Ratio Pullback Predicts Hemodynamic Outcome In Humans with Coronary Artery Disease: Primary Results of International Multicenter iFR GRADIENT Registry (the first-in-man global multicenter study using online generated iFR-pullback curves). J Am Coll Cardiol Interv 2018Apr;11:757–67.

Safety of the Deferral of Coronary Revascularization on the Basis of Instantaneous Wave-Free Ratio and Fractional Flow Reserve Measurements in Stable Coronary Artery Disease and Acute Coronary Syndromes (Pooled data analysis of DEFINE-FLAIR and iFR-SWEDEHEART). Escaned J, Kikuta Y, Matsuo H, Tanaka N, Takashima H, Yokoi H, SerruysPW, Götberg M, Davies JE, *et al.* J Am Coll Cardiol Interv 2018Aug;11:1437–49.

Major Adverse Cardiac Events when an LAD lesion is deferred after physiological assessment by FFR or iFR: A sub-study of DEFINE FLAIR. Sen S, Kikuta Y, Matsuo H, Tanaka N, Takashima H, Yokoi H, SerruysPW, Götberg M, Escaned J, Davies JE, *et al.* J Am Coll Cardiol 2019.

Algorithmic Versus Expert Human Interpretation of Instantaneous Wave-Free Ratio Coronary Pressure-Wire Pull Back Data. Cook CM, Warisawa T, Howard JP, MB BCHIR, Matsuo H, Nishina H, Kikuta Y, Shiono Y, Nakayama M, Akashi YJ, Kawase Y, Sharp ASP, Escaned J, Davies JE, et al. J Am Coll Cardiol Interv 2019;12:1315–24.

Diagnostic performance of FFR and iFR: an LAD analysis from IDEAL Collaborators study. J Am Coll Cardiol 2019;74:93.B15.

Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. Kim CH, Koo BK, Nam CW, Davies JE, et al. JACC: Cardiovascular Interventions Volume 12, Issue 20, 28 October 2019, Pages 2035-2046.

Prizes and Awards

TOPIC Award for the Best Scientific Research Finalist 2018

Imaging and Physiology Summit (Asia-Pacific area) Challenging Case Competition Finalist 2014

CCT Best Imaging Competition (winner) 2012:

Signal Attenuation Pattern of Neointima Using OCT to Detect In-stent Thrombus

CCT Best Imaging Competition finalist 2010

Conference Chairing and Faculty

Complex Cardiovascular Therapeutics 2013 Faculty

Imaging and Physiology Summit (Asia-Pacific Area) 2014 Faculty

Imaging and Physiology Summit (Asia-Pacific Area) 2015 Faculty

Complex Cardiovascular Catheter Therapeutics Global Summit (US) 2016 Faculty

TCTAP (Asia-Pacific Area) 2016 Faculty

PCI Optimization by Physiology and Imaging 2017 Faculty

Complex Cardiovascular Catheter Therapeutics Global Summit (US) 2017 Faculty

Advances in Coronary Physiology, Imperial College London 2017 Faculty

Sendai New Tokyo Live Demonstration 2017 Faculty

ARIA 2017, Physiological Video Live Operator, Faculty

Complex Cardiovascular Therapeutics 2017 Faculty, Abstract grader

KCJL Osaka 2018-2019, Faculty

FRIENDS Live 2018-2019 Faculty

Complex Cardiovascular Catheter Therapeutics Global Summit (US) 2018 Faculty, Invited
Lecturer

TOPIC 2018 Faculty

Toyohashi Live 2018 Faculty

Sendai New Tokyo Live Demonstration 2018 Faculty

ARIA 2018, Faculty

Complex Cardiovascular Therapeutics 2018 Faculty, Abstract grader

CVIT 2018 Chair with Dr Justin Davies and Dr Yasutsugu Shiono

FRIENDS Live 2019 Faculty

ARIA 2019 Program committee of Physiology and Imaging session

Invited as TCT Faculty 2019

Discussor on 2019 ESC Guidelines for Chronic Coronary Syndromes with Dr Javier Escaned (ESC
Guidelines committee), Dr Kenichi Tsujita and Dr Shinjo Sonoda

POPAI 2019 Faculty

CCT 2019 Faculty

JCS 2020, Invited Lecturer