

## QIvus / QCU-CMS Reference list

- 1. Dijkstra J, Koning G, Reiber JHC.**  
Quantitative measurements in IVUS images.  
*Int J Cardiac Imaging* 1999; 15: 513-22.
- 2. Rensing BJ, Vos J, Smits PC, Foley DP, Brand MJB van den, Giessen WJ van der, Feijter PJ de, Serruys PW**  
Coronary restenosis elimination with a sirolimus eluting stent; First European human experience with 6-month angiographic and intravascular ultrasonic follow-up  
*Eur Heart J* 2001; 22 (22): 2125-2130.
- 3. Koning G, Dijkstra J, Birgelen C von, Tuinenburg JC, Brunette J, Tardif JC, Oemrawsingh PW, Sieling C, Melsa S, Reiber JHC.**  
Advanced contour detection for three-dimensional intracoronary ultrasound: a validation – in vitro and in vivo.  
*Int J Cardiovasc Imaging* 2002; 18: 235-248.
- 4. Grube E, Silber S, Hauptmann KE, Mueller R, Buellesfeld L, Gerckens U, Russell ME.**  
Six- and twelve-month results from a randomized, double-blind trial on a slow-release paclitaxel-eluting stent for de novo coronary lesions.  
*Circulation* 2003; 107: 38-42.
- 5. Hoeven BL van der, Liem SS, Oemrawsingh PV, Dijkstra J, Jukema JW, Putter H, Atsma DE, Wall EE van der, Bax JJ, Reiber JC, Schalij M.**  
Role of calcified spots detected by intravascular ultrasound in patients with ST-segment elevation acute myocardial infarction.  
*Am J Cardiol* 2006; 98: 309-313.
- 6. Hoeven BL van der, Pires NMM, Warda HM, Putter H, Quax PHA, Schalij MJ, Jukema JW.**  
Dexamethasone-eluting stents for the prevention of in-stent restenosis: evidence for a differential effect in insulin-dependent and non-insulin-dependent diabetic patients.  
*Int J Cardiol* 2008; 124: 166-171.
- 7. Hoeven BL van der, Liem SS, Jukema JW, Suraphakdee N, Putter H, Dijkstra J, Atsma DE, Bootsma M, Zeppenfeld K, Oemrawsingh PV, Wall EE van der, Schalij MJ.**  
Sirolimus-eluting stents versus bare-metal stents in patients with ST-segment elevation myocardial infarction: 9-month angiographic and intravascular

- ultrasound results and 12-month clinical outcome.  
*JACC* 2008; 51: 618-26.
8. **Schuijf JD, Werkhoven JM van, Pundziute G, Jukema JW, Decramer I, Stokkel MP, Dibbets-Schneider P, Schalijs MJ, Reiber JHC, Wall EE van der, Wijns W, Bax JJ.**  
Invasive versus noninvasive evaluation of coronary artery disease.  
*J Am Coll Cardiol Img* 2008; 1: 190-9.
  9. **Erglis A, Narbute I, Kumsars I, Jegere S, Mintale I, Zakke I, Strazdins U, Saltups A.**  
A randomized comparison of Paclitaxel-eluting stents versus bare-metal stents for treatment of unprotected left main coronary artery stenosis.  
*J Am Coll Cardiol* 2007; 50(6): 491-497.
  10. **Marquering HA, Dijkstra J, Besnehard OJA, Duthé JPM, Schuijf JD, Bax JJ, Reiber JHC**  
Coronary CT angiography: IVUS image fusion for quantitative plaque and stenosis analyses  
*SPIE* 2008; <http://dx.doi.org/10.1117/12.772582>
  11. **D'Errico V, Potena L, Fiore D, Fabbri F, Grigioni F, Magnani G, Ortolani P, Bianchi I, Corazza I, Zannoli R, Branzi A**  
Reproducibility of IVUS Measurements in Heart Transplant Recipients: Increased Quality of Data by Using Dedicated Software for Image Analysis  
*Computers in Cardiology*, 2008: 537-540.
  12. **Schuijf JD, Werkhoven JM van, Pundziute G, Jukema JW, Decramer I, Stokkel MP, Dibbets-Schneider P, Schalijs MJ, Reiber JHC, Wall EE van der, Wijns W, Bax JJ.**  
Invasive versus noninvasive evaluation of coronary artery disease.  
*J Cardiovasc Imaging* 2008; vol 1, no 2: 190-9.
  13. **Sawada T, Shite J, Garcia-Garcia HM, Shinke T, Watanabe S, Otake H, Matsumoto D, Tanino Y, Ogasawara D, Kawamori H, Kato H, Miyoshi N, Yokoyama M, Serruys PW, Hirata KI.**  
Feasibility of combined use of intravascular ultrasound radiofrequency data analysis and optical coherence tomography for detecting thin-cap fibroatheroma.  
*Eur Heart J* 2008; 29: 1136-1146.
  14. **Amano T, Matsubara T, Uetani T, Nanki M, Marui N, Kato M, Yoshida T, Arai K, Yokoi K, Ando H, Kumagai S, Ishii H, Izawa H, Hotta N, Murohara T.**

- Abnormal glucose regulation is associated with lipid-rich coronary plaque.  
*J Am Coll Cardiol Img* 2008; 1: 39-45.
- 15. Verheye S, Sarno G, Müller R, Birkemeyer R, Vrints C, Jung W, Agostoni P, Langenhove G van, Haine S, Willems T, Haude M, Grube E, Wijns W.**  
The ProLimus trial: a prospective, non-randomised, multicentre trial to evaluate the safety and clinical performance of the pimecrolimus eluting stent system (ProGenic).  
*EuroInterv* 2009; 5: 233-238.
- 16. Pundziute G, Schuijf JD, Jukema JW, Werkhoven JM van, Nucifora G, Decramer I, Sarno G, Vanhoenacker PK, Reiber JHC, Wijns W, Bax JJ.**  
Type 2 Diabetes is associated with more advanced coronary atherosclerosis on multislice computed tomography and virtual histology intravascular ultrasound.  
*J Nucl Cardiol* 2009; 16 (3); 376-83.
- 17. Tharp DL, Masseau I, Ivey J, Ganjam VK, Bowles DK**  
Endogenous testosterone attenuates neointima formation after moderate coronary balloon injury in male swine  
*Cardiovascular Research* 2009; 82: 152–160
- 18. Feres F, Andrade PB, Costa RA, Ribamar Costa Jr J de, Abizaid A, Staico R, Tanajura LF, Siqueira D, Maia JP, Lasave L, Sousa AGMR, Sousa E.**  
Angiographic and intravascular ultrasound findings following implantation of the endeavor™ zotarolimus-eluting stents in patients from the real-world clinical practice.  
*EuroInterv* 2009; 5: 355-362.
- 19. Villa A, Arnold R, Sánchez PL, Gimeno F, Ramos B, Cantero T, Fernández ME, Sanz R, Gutiérrez O, Mota P, García-Frade J, San Román JA, Fernández-Avilés F for the TECAM Research Group.**  
Comparison of neointimal hyperplasia with drug-eluting stents versus bare metal stents in patients undergoing intracoronary bone-marrow mononuclear cell transplantation following acute myocardial infarction.  
*Am J Cardiol* 2009; 103: 1651-1656.

- 20. Atary JZ, Bergheanu SC, Hoeven BL van der, Atsma DE, Bootsma M, Kley F van der, Zeppenfeld K, Jukema JW, Schlij MJ.**  
Impact of sirolimus-eluting stent implantation compared to bare-metal stent implantation for acute myocardial infarction on coronary plaque composition at nine months follow-up: a virtual histology intravascular ultrasound analysis. Results from the Leiden Mission! intervention study.  
*EuroIntervention* 2009;5:565-572
- 21. Bergheanu SC, Hoeven BL van der, Hassan AKM, Dijkstra J, Rosendaal FR, Liem SS, Schlij MJ, Bom JG van der, Jukema JW.**  
Post-intervention IVUS is not predictive for very late in-stent thrombosis in drug-eluting stents.  
*Acta Cardiol* 2009;64(5):611-616
- 22. Giessen AG van der, Schaap M, Gijzen FJH, Groen HC, Walsum Th van, Mollet NR, Dijkstra J, Vosse FN van de, Niessen WJ, Feyter PJ de, Steen AFW van der, Wentzel JJ**  
3D fusion of intravascular ultrasound and coronary computed tomography for in-vivo wall shear stress analysis: a feasibility study  
*Int J Cardiovasc Imaging* 2010; 26(7): 781-796
- 23. Pundziute G, Schuijf JD, Velzen JE van, Jukema JW, Werkhoven JM van, Nucifora G, Kley F van der, Kroft LC, Roos A de, Boersma E, Reiber JHC, Schlij MJ, Wall EE van der, Bax JJ.**  
Assessment with multi-slice computed tomography and gray-scale and virtual histology intravascular ultrasound of gender-specific differences in extent and composition of coronary atherosclerotic plaques in relation to age.  
*Am J Cardiol* 2010; 105: 480-486.
- 24. Arora S, Gunther A, Wennerblom B, Ueland T, Andreassen AK, Gude E, Endresen K, Geiran O, Wilhelmsen N, Andersen R, Aukrust P, Gullestad L**  
Systemic Markers of Inflammation Are Associated with Cardiac Allograft Vasculopathy and an Increased Intimal Inflammatory Component  
*American Journal of Transplantation* 2010; 10: 1428–1436
- 25. Okamura T, Gonzalo N, Guttierrez-Chico JL, Serruys PW, Bruining N, Winter de S, Dijkstra J, Ligthart J, Regar E.**  
Reproducibility of coronary fourier domain optical coherence tomography: quantitative analysis of in vivo stented coronary arteries using three different software packages.  
*EuroIntervention* 2010;6:371-379

- 26. Okamura T, Onuma Y, García- García HM, Geuns RJM van, Wykrzykowska JJ, Schultz C, Giessen WJ van der, Ligthart J, Regar E, Serruys PW.**  
First-in-man evaluation of intravascular optical frequency domain imaging (OFDI) of Terumo: a comparison with intravascular ultrasound and quantitative coronary angiography.  
*EuroIntervention* 2011;6:1037-1045
- 27. Velzen JE van, Schuijf JD, Graaf FR de, Boersma E, Pundziute G, Spanó F, Boogers MJ, SchaliJ MJ, Kroft LJ, Roos A de, Jukema JW, Wall EE van der, Bax JJ.**  
Diagnostic performance of non-invasive multidetector computed tomography coronary angiography to detect coronary artery disease using different endpoints: detection of significant stenosis vs. detection of atherosclerosis.  
*Eur Heart Journal* (2011);32:637-645
- 28. Bergheanu SC, Pons D, Hoeven BL van der, Liem SS, Siegerink B, SchaliJ MJ, Bom JG van der, Jukema JW.**  
The 5352 A allele of the pro-inflammatory caspase-1 gene predicts late-acquired stent malapposition in STEMI patients treated with sirolimus stents.  
*Heart Vessels* (2011);26:235-241
- 29. Heo JH, Brugaletta S, Garcia-Garcia HM, Gomez-Lara J, Ligthart JMR, Witberg K, Magro M, Shin E-S, Serruys PW**  
Reproducibility of intravascular ultrasound iMAP for radiofrequency data analysis: Implications for design of longitudinal studies  
*Cath and Cardiovasc Interventions* 2012;
- 30. Brugaletta S, Garcia-Garcia HM, Garg S, Gomez-Lara J, Diletti R, Onuma Y, Geuns RJ van , McClen D, Dudek D, Thuesen L, Chevalier B, Windecker, S Whitbourn R, Dorange C, Miquel-Hebert K, Sudhir K, Ormiston JA, Serruys PW**  
Temporal changes of coronary artery plaque located behind the struts of the everolimus eluting bioresorbable vascular scaffold  
*Int J Cardiovasc Imaging* 2011; 27(6): 859-866
- 31. Potena L, Grigioni F, Ortolani P, Magnani G, Fabbri F, Masetti M, Coccolo F, Fallani F, Russo A, Ionico T, Saia F, Rapezzi C, Branzi A**  
Safety and efficacy of early aggressive versus cholesterol-driven lipid-lowering strategies in heart transplantation: A pilot, randomized, intravascular ultrasound study  
*The J of Heart and Lung Transplantation* 2011; 30(12): 1305-1311

- 32. Torre Hernandez JM de la, Hernandez FH, Alfonso F, Rumoroso JR, Lopez-Palop R, Sadaba M, Carrillo P, Rondan J, Lozano I, Ruiz Nodar JM, Baz JA, Fernandez Nofrerias E, Pajin F, Garcia Camarero T, Gutierrez H, on behalf of the LITRO Study Group (Spanish Working Group on Interventional Cardiology).**  
Prospective application of pre-defined intravascular ultrasound criteria for assessment of intermediate left main coronary artery lesions. Results from the multicenter LITRO study.  
*JACC* 2011;58(4):351-358
- 33. Papadopoulou SL, Neefjes LA, Schaap M, Li HL, Capuano E, Giessen van der AG, Schuurbijs JCH, Gijzen FJH, Dharampal AS, Nieman K, Geuns van RJ, Mollet NR, Feyter de PJ.**  
Detection and quantification of coronary atherosclerotic plaque by 64-slice multidetector CT: A systematic head-to-head comparison with intravascular ultrasound.  
*Atherosclerosis* 2011;219:163-170
- 34. Karanasos A, Ligthart J, Witberg K, Soest van G, Bruining N, Regar E.**  
Optical coherence tomography: potential clinical applications.  
*Curr Cardiovasc Imaging Rep* 2012; 3 may online;springerlink.com
- 35. Gonzalo N, Escaned J, Alfonso F, Nolte C, Rodriguez V, Quevedo PJ, Banuelos C, Fernandez-Ortiz A, Garcia E, Hernandez-Antolin R, Macaya C.**  
Morphometric assessment of coronary stenosis relevance with optical coherence tomography. A comparison with fractional flow reserve and intravascular ultrasound.  
*JACC* 2012;59(12):1080-1089
- 36. Araki T, Nakamura M, Utsunomiya M, Sugi K**  
Visualization of coronary plaque in type 2 diabetes mellitus patients using a new 40 MHz intravascular ultrasound imaging system  
*Radiology* 2012; 59(1): 42-49
- 37. Araki T, Nakamura M, Utsunomiya M, Sugi K**  
Visualization of coronary plaque in arterial remodeling using a new 40-MHz intravascular ultrasound imaging system  
*Cath Cardiovasc Interv* 2012, first published online: 15 March 2012

- 38. Gogas BD, Radu M, Onuma Y, Perkins L, Powers JC, Gomez-Lara J, Farooq V, Garcia-Garcia HM, Diletti R, Rapoza R, Virmani R, Serruys PW.**  
Evaluation with in vivo optical coherence tomography and histology of the vascular effects of the everolimus-eluting bioresorbable vascular scaffold at two years following implantation in a healthy porcine coronary artery model: implications of pilot results for future pre-clinical studies.  
*Int J Cardiovasc Imaging* 2012;28:499-511
- 39. Maehara A, Cristea E, Mintz GS, Lansky AJ, Dressler O, Biro S, Templin B, Virmani R, Bruyne de B, Serruys PW, Stone GW.**  
Definitions and methodology for the grayscale and radiofrequency intravascular ultrasound and coronary angiographic analyses.  
*J Am Coll Cardiol Img* 2012;5: S1-S9
- 40. Wykrzykowska JJ, Mintz GS, Garcia-Garcia HM, Maehara A, Fahy M, Xu K, Inguez A, Fajadet J, Lansky A, Templin B, Zhang Z, Bruyne de B, Weisz G, Serruys PW, Stone GW.**  
Longitudinal distribution of plaque burden and necrotic core-rich plaques in nonculprit lesions of patients presenting with acute coronary syndromes.  
*J Am Coll Cardiol Img* 2012;5: S10-S18
- 41. Feuchtner G, Loureiro R, Bezerra H, Rocha-Filho JA, Sarwar A, Pflederer T, Marwan M, Petranovic M, Raffel CO, Brady TB, Jang I-K, Achenbach S, Cury RC**  
Quantification of coronary stenosis by dual source computed tomography in patients: A comparative study with intravascular ultrasound and invasive angiography  
*Eur J Radiology* 2012; 81(1): 83-88
- 42. Marso SP, Mercado N, Maehara A, Weisz G, Mintz GS, McPherson J, Schiele F, Dudek D, Fahy M, Xu K, Lansky A, Templin B, Zhang Z, Bruyne de B, Serruys PW, Stone GW.**  
Plaque composition and clinical outcomes in acute coronary syndrome patients with metabolic syndrome or diabetes.  
*J Am Coll Cardiol Img* 2012;5: S42-S52
- 43. Baber U, Stone GW, Weisz G, Moreno P, Dangas G, Maehara A, Mintz GS, Cristea E, Fahy M, Xu K, Lansky AJ, Wennerblom B, Mathey DG, Templin B, Zhang Z, Serruys PW, Mehran R.**  
Coronary plaque composition, morphology, and outcomes in patients with and without chronic kidney disease presenting with acute coronary syndromes.  
*J Am Coll Cardiol Img* 2012;5: S53-S61

- 44. Lansky AJ, Ng VG, Maehara A, Weisz G, Lerman A, Mintz GS, Bruyne de B, Farhat N, Niess G, Jankovic J, Lazar D, Xu K, Fahy M, Serruys PW, Stone GW.**  
Gender and the extent of coronary atherosclerosis, plaque composition, and clinical outcomes in acute coronary syndromes.  
*J Am Coll Cardiol Img* 2012;5: S62-S72.
- 45. McPherson JA, Maehara A, Weisz G, Mintz GS, Cristea E, Mehran R, Foster M, Verheye S, Rabbani L, Xu K, Fahy M, Templin B, Zhang Z, Lansky AJ, Bruyne de B, Serruys BW, Stone GW.**  
Residual plaque burden in patients with acute coronary syndromes after successful percutaneous coronary intervention.  
*J Am Coll Cardiol Img* 2012;5: S76-S85
- 46. Brener SJ, Mintz GS, Cristea E, Weisz G, Maehara A, McPherson JA, Marso SP, Farhat N, Botker HE, Dressler O, Xu K, Templin B, Zhang Z, Lansky AJ, Bruyne de B, Serruys PW, Stone GW.**  
Characteristics and clinical significance of angiographically mild lesions in acute coronary syndromes.  
*J Am Coll Cardiol Img* 2012;5: S86-S94
- 47. Sanidas EA, Mintz GS, Maehara A, Cristea E, Wennerblom B, Iñiguez A, Fajadet J, Fahy M, Dressler O, Weisz G, Templin B, Zhang Z, Lansky AJ, Bruyne de B, Serruys P, Stone GW.**  
Adverse cardiovascular events arising from atherosclerotic lesions with and without angiographic disease progression  
*J Am Coll Cardiol Img* 2012;5: S95-S105
- 48. Ha J, Kim B-K, Kim J-S, Shin D-H, Ko Y-G, Choi D, Jang Y, Hong M-K**  
Assessing neointimal coverage after DES implantation by 3D OCT Letter To the Editor  
*JACC Cardiovasc Im* 2012; 5(8): 852-853.
- 49. Trušinskis K, Juhnevica D, Strengė K, Sondore D, Narbutė I, Jegere S, Zarakauska L, Ergli A**  
Higher inter-cellular-adhesion molecule 1 levels in ST-segment elevation myocardial infarction patients associated with plaque vulnerability in non-culprit lesions at 10 month follow-up.  
*J Am Coll Cardiol.* 2012;59(13s1):E559-E559.
- 50. Musialek P, Tekieli L, Pieniazek P, Przewlocki T, Kablak-Ziembicka A, Moczulski Z, Stepniewski J, Trystula M, Tracz W, Podolec P**



- TCT-201 Intravascular ultrasound (IVUS) validation of non-invasive and invasive measures of carotid stenosis severity in the CARUS Registry. [Carotid Artery intravascular Ultrasound academic registry]  
*J Am Coll Cardiol* 2012;60(17\_S): B59
- 51. Musialek P, Tekieli L, Pieniazek P, Kablak-Ziembicka A, Przewlocki T, Dzierwa K, Trystula M, Zmudka K, Tracz W, Podolec P**  
TCT-202 Effect of contralateral occlusion on index internal carotid artery (ICA) Duplex Doppler velocities: Quantitative analysis using intravascular ultrasound (IVUS) to match index ICA stenosis severity.  
*J Am Coll Cardiol* 2012; 60 (17\_S): B59
- 52. Musialek P, Dabrowski W, Tekieli L, Pieniazek P, Mazurek A, Zmudka K, Tracz W, Podolec P**  
TCT-203 Reproducibility of in Vivo Virtual Histology Intravascular Ultrasound Evaluation of the Carotid Atherosclerotic Plaque Using Novel Quantitative Parameters  
*J Am Coll Cardiol* 2012;60(17\_S): B59
- 53. Kim S-W, Lee SY, Mintz G, Hong Y-J, Lee W-S, Kwon JE, Lee KJ, Kim CJ, Kim TH, Weissman N**  
TCT-275 The Evolution of Thin-Capped Fibroatheroma in Left Main Coronary Artery As Assessed by Serial Virtual Histology Intravascular Ultrasound Analysis  
*J Am Coll Cardiol* 2012;60(17\_S): B78
- 54. Kim S-W, Mintz G, Lee WS, Kim EY, Jo JH, Lee KJ, Kim CJ, Kim TH, Weissman N**  
TCT-277 High Level of Copeptin in ST elevation Acute Myocardial Infarction patients is associated with In-Hospital Mortality and Plaque Rupture; TAMI-COP study  
*J Am Coll Cardiol* 2012;60(17\_S): B78
- 55. Lee S-R, Kim Y-S, Lee SE, Yun K-H, Oh S-K, Chae J-K, Ko J-K**  
TCT-278 Two year Clinical Impact of Postprocedural Incomplete Stent Apposition and Late Acquired Incomplete Stent Apposition After Deployment of Zotarolimus Eluting Stent or Everolimus Eluting Stent  
*J Am Coll Cardiol* 2012; 60(17\_S):B79
- 56. Mota P, Rigla J, Cação R, Costa M, Leitão-Marques A**  
TCT-279 Characterization of Plaque Removed by Rotational Atherectomy.  
*J Am Coll Cardiol*. 2012; 60(17\_S):B79
- 57. Okura H, Matsushita N, Kataoka T, Kume T, Yoshida K**  
TCT-280 Acute and Long-term Prognostic Impact of Attenuated Plaque in Patients with Acute Coronary Syndrome  
*J Am Coll Cardiol* 2012; 60(17\_S):B79

- 58. Brugaletta S, Gomez-Lara J, Garcia-Garcia HM, Heo JH, Farooq V, Geuns RJ van, Chevalier B, Windecker S, McClean D, Thuesen L, Whitbourn R, Meredith I, Dorange C, Veldhof S, Rapoza R, Ormiston JA, Serruys PW**  
Analysis of 1 year virtual histology changes in coronary plaque located behind the struts of the everolimus eluting bioresorbable vascular scaffold  
*Int J Cardiovasc Imaging* (2012) 28:1307–1314
- 59. Okamura T, Onuma Y, Garcia-Garcia HM, Bruining N, Serruys PW**  
High-speed intracoronary optical frequency domain imaging: implications for three-dimensional reconstruction and quantitative analysis  
*EuroIntervention* 2012; 7: 1216-1226
- 60. Alfonso F, Dutary J, Paulo M, Gonzalo N, Pérez-Vizcayno MJ, Jiménez-Quevedo P, Escaned J, Bañuelos C, Hernández R, Macaya C**  
Combined use of optical coherence tomography and intravascular ultrasound imaging in patients undergoing coronary interventions for stent thrombosis  
*Heart* 2012; 98:1213-1220
- 61. Hussain T, Fenton M, Peel SA, Wiethoff AJ, Taylor A, Muthurangu V, Razavi R, Botnar RM, Burch M, Greil GF**  
Detection and Grading of Coronary Allograft Vasculopathy in Children using Contrast-Enhanced Magnetic Resonance Imaging of the Coronary Vessel Wall  
*Circulation, Cardiovascular Imaging* 2012; doi: 10.1161/CIRCIMAGING.112.975797
- 62. Souza CF de, Rodrigues Alves CM, Carvalho AC, Bonfim AV, Abreu Silva EO de, Junior ECP, Falcão F, Lanaro E, Barbosa AHP, Souza JAM, Sousa JMA, Souza RA, Rigla J, Caixeta A**  
iWONDER (Imaging WhOle vessel coroNary tree with intravascular ultrasoundD and iMap® in patiEnts with acute myocaRdial infarction) study: rationale and study design  
*Rev. Bras. Cardiol. Invasiva* 2012; 20 (2): (on-line version)
- 63. Boden H, Hoveen BL van der, Liem S-S, Atary JZ, Cannegieter SC, Atsma DE, Bootsma M, Jukema JW, Zeppenfeld K, Oemrawsingh PV, Wall EE van der, Schalij MJ.**  
Five-year clinical follow-up from the MISSION! Intervention Study: sirolimus-eluting stent versus bare metal stent implantation in patients with ST-segment elevation myocardial infarction, a randomized controlled trial.  
*EuroIntervention* 2012; 7: 1021-1-29
- 64. Muramatsu T, Garcia-Garcia HM, Lee IS, Bruining N, Onuma Y, Serruys PW**

- Quantitative optical frequency domain imaging assessment of in-stent structures in patients with ST-segment elevation myocardial infarction – Impact of imaging sampling rate-  
*Circ J* 2012; 76: 2822-2831
- 65. Wang A, Eggermont J, Dekker N, Garcia-Garcia HM, Pawar R, Reiber JHC, Dijkstra J.**  
Automatic stent strut detection in intravascular optical coherence tomographic pullback runs  
*Int J Cardiovascular Imaging* 2013; 29: 29-38
- 66. Bezerra HG, Attizzani GF, Sirbu V, Musumeci G, Lortkipanidze N, Fujino Y, Wang W, Nakamura S, Erglis A, Guagliumi G, Costa MA.**  
Optical coherence tomography versus intravascular ultrasound to evaluate coronary artery disease and percutaneous coronary intervention.  
*J Am Coll Cardiol Interv* 2013; 6: 228-236.
- 67. Chamié D, Costa RA**  
Potential use of OCT imaging in clinical practice: from preintervention to postprocedure follow-up, the utility of optical coherence tomography assessment is examined.  
*Cardiac Interventions Today Jan/Febr* 2013: 67 – 74.
- 68. Onuma Y, Thuesen L, Geuns R-J van, Ent M van der, Desch S, Fajadet J, Christiansen E, Smits P, Holm NR, Regar E, Mieghem N van, Borovicain V, Paunovic D, Senshu K, Es G-A van, Muramatsu T, Lee I-S, Schuler G, Zijlstra F, Garcia-Garcia HM, Serruys PW, on behalf of the TROFI Investigators**  
Randomized study to assess the effect of thrombus aspiration on flow area in patients with ST-elevation myocardial infarction: an optical frequency domain imaging study – TROFI Investigators  
*Eur Heart J* 2013; 34: 1050-1060.
- 69. Hussain T, Fenton M, Peel SA, Wiethoff AJ, Taylor A, Muthurangu V, Razavi R, Botnar RM, Burch M, Greil GF.**  
Detection and grading of coronary allograft vasculopathy in children with contrast-enhanced magnetic resonance imaging of the coronary vessel wall.  
*Circ Cardiovasc Imaging* 2013; 6: 91-98
- 70. Muramatsu T, Garcia-Garcia HM, Onuma Y, Zhang Y-J, Bourantas CV, Diletti R, Iqbal J, Radu MD, Ozaki Y, Serruys PW on behalf of the TROFI investigators**  
Intimal flaps detected by optical frequency domain imaging in the proximal segments of native coronary arteries.  
*Circ J* 2013; 77: 2327-2333

- 71. Dohi T, Mintz GS, McPherson JA, Bruyne B de, Farhat NZ, Lansky AJ, Mehran R, Weisz G, Xy K, Stone GW, Maehara A**  
Non-fibroatheroma lesion phenotype and long-term clinical outcomes.  
*J Am Coll Cardiol Img* 2013; 6: 908-16
- 73. Tsujita K, Takaoka N, Kaikita K, Hokimoto S, Horio E, Sato K, Mizobe M, Nakayama N, Kojima S, Tayama S, Sugiyama S, Nakamura S, Ogawa H**  
Neointimal tissue component assessed by tissue characterization with 40MHz intravascular ultrasound imaging: comparison with drug-eluting stents and bare-metal stents.  
*Cath and Cardiovasc Interv* 2013; 82: 1068-1074
- 74. Bourantas CV, Garcia-Garcia HM, Farooq V, Maehara A, Genereux P, Diletti R, Muramatsu T, Fahy M, Weisz G, Stone GW, Serruys PW**  
Clinical and angiographic characteristics of patients likely to have vulnerable plaques.  
*JACC: Cardiovasc Imaging* 2013; 6(12): 1263-1272
- 75. Inaba S, Mintz GS, Farhat NZ, Fajadet J, Dudek D, Marzocchi A, Templin B, Weisz G, de Bruyne B, Serruys PW, Stone GW, Maehara A.**  
Impact of positive and negative lesion site remodeling on clinical outcomes. Insights from PROSPECT.  
*J Am Coll Cardiol Img* 2014; 7: 70-78
- 76. Wang A, Nakatani S, Eggermont J, Onuma Y, Garcia-Garcia HM, Serruys PW, Reiber JHC, Dijkstra JM**  
Automatic detection of bioresorbable vascular scaffold struts in intravascular optical coherence tomography pullback runs.  
*Biomed Opt Express* 2014; 5(10): 3589-602
- 77. Miller CA, Sarma J, Naish JH, Yonan N, Williams SG, Shaw SM, Clark D, Pearce K, Stout M, Potluri R, Borg A, Coutts G, Chowdhary S, McCann GP, Parker GJM, Ray SG, Schmitt M.**  
Multiparametric cardiovascular magnetic resonance assessment of cardiac allograft vasculopathy.  
*J Am Coll Cardiol* 2014; 63: 799-808.
- 78. Radu MD, Raber L, Kalesan B, Muramatsu T, Kalbaek H, Heo J, Jorgensen E, Helqvist S, Farooq V, Brugaletta S, Garcia-Garcia HM, Juni P, Saunamaki K, Windecker S, Serruys PW.**  
Coronary evaginations are associated with positive vessel remodeling and are nearly absent following implantation of newer generation drug-eluting stents: an optical coherence tomography and intravascular ultrasound study.  
*Eur Heart J* 2014; 35: 795-807.

- 78. Nakatani S, Onuma Y, Ishibashi Y, Eggermont J, Zhang Y-J, Campos CM, Cho YK, Liu S, Dijkstra J, Reiber JHC, Perkins L, Sheehy A, Veldhof S, Rapoza R, Es G-A van, Garcia-Garcia H, Geuns R-J van, Serruys PW on behalf of the ABSORB B investigators**  
Temporal evolution of strut light intensity after implantation of bioresorbable polymeric intracoronary scaffolds in the ABSORB Cohort B Trial. An application of a new quantitative method based on optical coherence tomography.  
*Circulation Journal Japan, 2014; 78: 1873-81*
- 79. Nakatani S, Perkins L, Ishibashi Y, Rapoza R, Onuma Y, Serruys PW.**  
Preclinical evaluation of light intensity analysis on Optical Coherence tomography to monitor bioresorption and integration process after implantation of a bioresorbable scaffold in porcine models: a comparison between OCT and Histology.  
*Poster TCT 2014, Washington DC, Sept 2014*
- 80. Otagiri K, Kitahara H, Yaguchi T, Tanaka S, Okada K, Kobayashi Y, Miura T, Ebisawa S, Miyashita Y, Yock PG, Fitzgerald PJ, Ikeda U, Honda Y.**  
Head-to-head comparison of automated versus manual detection of lumen contour and stent struts in optical coherence tomography analysis  
*Poster TCT 2014, Washington DC, Sept 2014*  
*JACC 2014; 64(1, Suppl B): B116*
- 81. Karanasos A, Simsek C, Gnanadesigan M, Ditzhuijzen NS van, Freire R, Dijkstra J, Tu S, Mieghem N van, Soest G van, Jaegere P de, Serruys PW, Zijlstra F, Geuns R-J van, Regar E**  
OCT assessment of the long-term vascular healing response 5 years after everolimus-eluting bioresorbable vascular scaffold.  
*J Am Coll Cardiol 2014; 64: 2343-56*
- 82. Räber L, Taniwaki M, Zaugg S, Kalbæk H, Roffi M, Holmvang L, Noble S, Pedrazzini G, Moschovitis A, Lüscher TF, Matter CM, Serruys PW, Jüni P, Garcia-Garcia HM, Windecker S for the IBIS 4 Trial Investigators.**  
Effect of high-intensity statin therapy on atherosclerosis in non-infarct-related coronary arteries (IBIS-4): a serial intravascular ultrasonography study.  
*Eur Heart J 2105; 36: 490-500*
- 83. Nakatani S, Onuma Y, Ishibashi Y, Eggermont J, Zhang Y-J, Campos CM, Cho YK, Liu S, Dijkstra J, Reiber JHC, Perkins L, Sheehy A, Veldhof S, Rapoza R, Es G-A van, Garcia-Garcia HM, Geuns RJ van, Serruys PW on behalf of the ABSORB Cohort B investigators**  
Temporal evolution of strut light intensity after implantation of bioresorbable polymeric intracoronary scaffolds in the ABSORB Cohort B Trial – An application of a new quantitative method based on optical coherence tomography.  
*Circ J 2014; 78: 1873-1881.*

- 84. Wang G, Sun Z, Jin Q, Xu K, Li Y, Wang X, Ma Y, Liu H, Zhao X, Wang B, Deng J, Guan S, Ge M, Wang X, Xu B, Han Y**  
First-in-man study evaluating the safety and efficacy of a second generation biodegradable polymer sirolimus-eluting stent in the treatment of patients with de novo coronary lesions: Clinical, angiographic, and OCT outcomes of CREDIT-1. *Cath Cardiovasc Interv* 2015; 85: 744-751
- 85. Arora S, Andreassen AK, Andersson B, Gustafsson F, Eiskjær H, Bøtker HE, Rådegran G, Gude E, Ioanes D, Solbu D, Sigurdardottir V, Dellgren D, Erikstad I, Solberg OG, Ueland T, Aukrust P, Gullestad, on behalf of the SCHEDULE investigators.**  
The effect of everolimus initiation and calcineurin inhibitor elimination on cardiac allograft vasculopathy in de novo recipients: one-year results of a Scandinavian Randomized Trial  
*Am J Transplantation* 2015; doi: 10.1111/ajt.13214
- 86. Trusinskis K, Strenge K, Juhnevic A**  
In-vivo iMap IVUS comparison of in-stent neointima and native coronary atherosclerosis  
*J Cardiovasc Revasc Medicine* 2015; doi.org/10.1016/j.carrev.2015.04.0002
- 87. Suwannasom P, Benit E, Gach O, Birgelen C von, Hofma SH, Bo X, Zhang Y-J, Nakatani S, Ishibashi Y, Onuma Y, Garcia-Garcia HM, Gao R, Serruys PW**  
Short-term effects of Nano+™ polymer-free sirolimus-eluting stents on native coronary vessels: an optical coherence tomography imaging study.  
*EuroInterv* 2015; 1: 57-70
- 88. Heo R, Park H-B, Cho I, Cho I-J, Nakazato R, Leipsic J, Mancini J, Koo B-K, Otake H, Budoff MJ, Berman DS, Erglis A, Min JK, Chang H-J**  
Impact of coronary artery calcium score on total plaque volume difference between IVUS and CCTA  
*J Cardiovasc Comp Tomogr* 2015; 9(4): S25
- 89. Taniwaki M, Radu MD, Garcia-Garcia HM, Heg D, Kelbæk H, Holmvang L, Moschovitis A, Noble S, Pedrazzini G, Saunamäki K, Dijkstra J, Landmesser U, Wenaweser P, Meier B, Stefanini GG, Roffi M, Lüscher TF, Windecker S, Räber L.**  
Long-term safety and feasibility of three-vessel multimodality intravascular imaging in patients with ST-elevation myocardial infarction: the IBIS-4 (integrated biomarker and imaging study) substudy  
*Int J Cardiovasc Imaging* 2015; 31: 915-926
- 90. Kim B-K, Shin D-H, Kim J-S, Ko Y-G, Choi D, Jang Y, Hong M-K**

Randomized comparison of acute stent malapposition between platinum-chromium versus cobalt-chromium everolimus-eluting stents  
*Int J Cardiovasc Imaging* 2015; 31: 269-277

91. **Campos CM, Ishibashi Y, Eggermont J, Nakatani S, Cho YK, Dijkstra J, Reiber JHC, Sheehy A, Lane J, Kamberi M, Rapoza R, Perkins L, Garcia-Garcia HM, Onuma Y, Serruys PW**  
Echogenicity as a surrogate for bioresorbable everolimus-eluting scaffold degradation: analysis at 1-, 3-, 6-, 12-, 18-, 24-, 30-, 36- and 42-month follow-up in a porcine model  
*Int J Cardiovasc Imaging* 2015; 31: 471-482
  
92. **Haruta H, Hiro T, Mitsumata M, Takayama T, Sudo M, Li Y, Takahashi R, Tanuguchi Y, Shiomi M, Hirayama A**  
Stabilization of atherosclerotic plaque by pitavatin in Watanabe heritable hyperlipidemic rabbits: a serial tissue-characterizing intravascular ultrasound study  
*J Cardiol* 2015; doi:/10.1016/j.ijcc.2015.04.015
  
93. **Sudo M, Hiro T, Takayama T, Iida K, Nishida T, Fukamachi D, Kawano T, Higuchi Y, Hirayama A**  
Tissue characteristics of non-culprit plaque in patients with acute coronary syndrome vs. stable angina: a color-coded intravascular ultrasound study.  
*Cardiovasc Interv and Ther*, 2015; doi:10.1007/s12928-015-0345-1
  
94. **Xu B, Zhang Y-J, Sun Z-W, Qiao S-B, Chen S-L, Zhang R-Y, Pan D-R, Pang S, Zhang Q, Xu L, Yang Y-J, Leon MB, Gao R-L**  
Comparison of long-term in-stent vascular response between abluminal groove-filled biodegradable polymer sirolimus-eluting stent and durable polymer everolimus-eluting stent: 3-year OCT follow-up from the TARGET I trial.  
*Int J Cardiovasc Imaging* 2015; doi: 10.1007/s10554-015-0721-z
  
95. **Souza CF de, Maehara A, Cade JR, Lima ER, Guimarães LdeFC, Giuberti R, Carvalho AC, Falcão RA, Alves CMR, Caixeta A**  
Avaliação da subtração do artefato do fio-guia na análise quantitativa e tecidual com ultrassom intracoronário e tecnologia iMAP em pacientes com síndrome coronária aguda: subanálise do estudo iWonder  
*Rev Bras Cardiol Invasiva* 2015; 23(1): 52-57
  
96. **Chamié D, Almeida BO, Grandi F, Filho EM, Costa Jr JR, Costa R, Staico R, Siqueira D, Feres F, Tanajura LF, Centemero M, Chaves AJ, Abizaid A, Sousa AGMR, Abizaid A**  
Resposta vascular após implante de stents liberadores de biolimus A9 com polímero bioabsorvível e stents liberadores de everolimus com polímero durável.

- Resultados da análise de tomografia de coerência óptica do estudo randomizado BIOACTIVE  
*Rev Braz Cardiol Invasiva 2015; 23(1): 28-37*
- 97. Jang J-Y, Kim J-S, Shin D-H, Kim B-K, Ko Y-G, Choi D, Jang Y, Hong M-K**  
Favorable effects of optimal lipid-lowering therapy on neointimal tissue characteristics after drug-eluting stent implantation: qualitative optical coherence tomographic analysis  
*Atherosclerosis 2015; doi: 10.1016/atherosclerosis2015.08.014*
- 98. Kuramitsu S, Kazuno Y, Sonoda S, Domei T, Jinnouchi H, Yamaji K, Soga Y, Shirai S, Ando K, Saito S**  
Vascular response to bioresorbable polymer sirolimus-eluting stent vs. permanent polymer ecerolimus-eluting stent at 9-month follow-up: an optical coherence tomography sub-study from the CENTURY II trial  
*Eur Heart J-Cardiovasc Imaging 2015; doi: 10.1093/ehjci/jev203*
- 99. Ota H, Magalhaes MA, Torguson R, Negi S, Kollmer MR, Spad M-A, Gai J, Sattler LF, Suddath WO, Pichard AD, Waksman R**  
The influence of lipid-containing plaque composition assessed by near-infrared spectroscopy on coronary lesion remodeling.  
*Eur Heart J- Cardiovasc Imaging 2015; <http://dx.doi.org/10.1093/ehjci/jev221>*
- 100. Shan P, Mintz GS, McPherson JA, Bruyne B de, Farhat NZ, Marso SP, Serruys PW, Stone GW, Maehara A**  
Usefulness of coronary atheroma burden to predict cardiovascular events in patients presenting with acute coronary syndromes (from the PROSPECT Study)  
*Am J Cardiol 2015; <http://dx.doi.org/10.1016/j.amjcard.2015.08.038>*
- 101. Sotomi Y, Shammass N, Suwannasom P, Campos CN, Wykrzykowska JJ, Winter RJ de, Dijkstra J, Serruys PW, Onuma Y.**  
Impact of the orbital atherectomy system on a peripheral calcified lesion. Quantitative analysis by intravascular echogenicity.  
*JACC: Cardiovasc Interv 2015; doi.org/10.1016/j.jcin.2015.06.021*
- 102. Haude M, Ince H, Abizaid A, Toelg R, Lemos PA, Birgelen C von, Christiansen EH, Wijns W, Neumann F-J, Kaiser C, Eecjkhout E, Lim ST, Escaned J, Garcia-Garcia HM, Waksman R**  
Safety and performance of the second-generation drug-eluting absorbable metal scaffold in patients with de-novo coronary artery lesions (BIOSOLVE-II): 6 month result of a prospective, multicenter, non-randomised, first-in-man trial  
*The Lancet 2015; doi:10.1016/S0140-6736(15)00447-x*
- 103. Zheng B, Mintz GS, McPherson JA, Bruyne B de, Farhat NZ, Marso SP, Serruys PW, Stone GW, Maehara A.**



- Predictors of plaque rupture within nonculprit fibroatheromas in patients with acute coronary syndromes.  
*J Am Coll Cardiol Img* 2015;8: 1180-1187
- 104. Räber L, Brugaletta S, Yamaji K, O'Sullivan CJ, Otsuki S, Koppa T, Taniwaki M, Onuma Y, Freixa X, Eberli FR, Serruys PW, Joner M, Sabaté M, Windecker S**  
Very late scaffold thrombosis. Intracoronary imaging and histopathological and spectroscopic findings.  
*J Am Coll Cardiol* 2015; 66: 1901-14
- 105. Vaquerizo B, Barros A, Pujadas S, Bajo E, Estrada D, Miranda-Guardiola F, Rigla J, Jiménez M, Cinca J, Serra A**  
Bioresorbable everolimus-eluting vascular scaffold for the treatment of chronic total occlusions: CTO-ABSORB pilot study  
*EuroIntervention* 2015; 11: 555-563
- 106. Fenton M, Simmonds J, Shah V, Brogan P, Klein N, Deanfield J, Burch M**  
Inflammatory cytokines, endothelial function and chronic allograft vasculopathy in children: an investigation of the donor and recipient vasculature after heart transplantation.  
*Am J Transplantation* 2015: doi: 10.1111/ajt.13643
- 107. Heo R, Park H-B, Lee BK, Shin S, Arsanjani R, Min JK, Chang H-J**  
Optimal boundary detection method and window settings for coronary atherosclerotic plaque volume analysis in coronary computed tomography angiography: comparison with intravascular ultrasound.  
*Eur Radiol* 2015; doi 10.1007/s00330-015-4121-5
- 108. Otagiri K, Kitahara H, Tanaka S, Okada K, Kobayashi Y, Miura T, Ebisawa S, Miyashita Y, Kitabayashi H, Yock PG, Fitzgerald PJ, Ikeda U, Honda Y.**  
Head-to-head comparison of two commercially available automated detection algorithms for lumen contour in optical coherence tomography analysis  
*JACC* 2015; 66(15, Suppl B): B136
- 109. Broersen A, Graaf MA de, Eggermont J, Wolterbeek R, Kitslaar PH, Dijkstra J, Bax JJ, Reiber JHC, Scholte AJ**  
Enhanced characterization of calcified areas in intravascular ultrasound virtual histology images by quantification of the acoustic shadow: validation against computed tomography coronary angiography.  
*Int J Cardiovasc Imaging* 2016; 32: 543-552.
- 110. Ryan N, Dingli P, Gonzalo N, Samady H, Escaned J**  
Co-registration and fusion of intracoronary imaging with angiography.  
Part IV, Chapter 37: Coronary stenosis imaging, structure and physiology (2<sup>nd</sup> Edition).

J Escaned and PW Serruys (Eds).

- 111. Nakatani S, Ishibashi Y, Sotomi Y, Perkins L, Eggermont J, Grundeken M, Dijkstra J, Rapoza R, Virmani R, Serruys PW, Onuma Y**  
Bioresorption and vessel wall integration of a fully bioresorbable polymeric everolimus-eluting scaffold. Optical coherence tomography, intravascular ultrasound, and histology study in a porcine model with 4-year follow up.  
*J Am Coll Cardiol Interv* 2016; 9: 838-51.
- 112. Bharadwaj AS, Vengrenyuk Y, Yoshimura T, Baber U, Hasan C, Narula J, Sharma S, Kini AS**  
Multimodality intravascular imaging to evaluate sex differences in plaque morphology in stable CAD  
*J Am Coll Cardiol Img* 2016; 9: 400-407
- 113. Sotomi Y, Tateishi H, Suwannasom P, Dijkstra J, Eggermont J, Liu S, Tenekecioglu E, Zheng Y, Abdelghani M, Cavalcante R, Winter RJ de, Wykrzykowska JJ, Onuma Y, Serruys PW, Kimura T**  
Quantitative assessment of the stent/scaffold strut embedment analysis by optical coherence tomography  
*Int J Cardiovasc Imaging* 2016; 32: 871-883
- 114. Sotomi Y, Ishibashi Y, Suwannasom P, Nakatani S, Cho Y-K, Grundeken MJ, Zeng Y, Tateishi H, Smits PC, Barragan P, Kornowski R, Gershlick AH, Windecker S, Geuns R-J van, Bartorelli AL, Winter RJ de, Tijssen J, Serruys PW, Onuma Y.**  
Acute gain in minimal lumen area following implantation of Everolimus-eluting ABSORB biodegradable vascular scaffolds or Xience metallic stents.  
*J Am Coll Cardiol Interv* 2016; 9: 1216-1227.
- 115. Suwannasom P, Sotomi Y, Ishibashi Y, Cavalcante R, Albuquerque FN, Macaya C, Ormiston JA, Hill J, Lang IM, Egred M, Fajadet J, Lesiak M, Tijssen JG, Wykrzykowska JJ, Winder RJ de, Chevalier B, Serruys PW, Onuma Y.**  
The impact of post-procedural asymmetry, expansion, and eccentricity of bioresorbable everolimus-eluting scaffold and metallic everolimus-eluting stent on clinical outcomes in the ABSORB II trial.  
*J Am Coll Cardiol Interv* 2016; 9: 1231-1242.
- 116. Zhang Y-J, Wang X-Z, Fu G, Jing Q-M, Wang G, Jin C-Y, Xie L-H, Cai J-Z, Xu B, Han Y-L.**  
Clinical and multimodality imaging results at 6 months of a bioresorbable sirolimus-eluting scaffold for patients with single de novo coronary artery lesions: the NeoVas first-in-man trial.  
*Eurointervention* 2016; 12: 1279-1287.

- 117. Worthley SG, Abizaid A, Kirtane AJ, Simon DI, Windecker S, Brar S, Meredith IT, Shetty S, Sinhal A, Popma Almonacid A, Chamie D, Maehara A, Stone G, on behalf of the RevElution investigators**  
First-in-human evaluation of a novel polymer-free drug-filled stent. Angiographic, IVUS, OCT and Clinical Outcomes from the RevElution Study.  
*J Am Coll Cardiol Interv* 2017; 2: 148-156
- 118. Suwannasom P, Sotomi Y, Corti R, Kurz DJ, Roffi M, Birgelen C von, Buzzi S, Zucker A, Dijkstra J, Wykrzykowska JJ, Winter RJ de, Windecker S, Onuma Y, Serruys PW, Daemen J, Raeber L**  
First-in-man six-month results of a surface-modified coronary stent system in native coronary stenosis.  
*Eurointervention* 2017; 12: 2018-2027.
- 119. Xie Y, Kim Y-J, Pang J, Kim J-S, Yang Q, Wei J, Nguyen CT, Deng Z, Choi BW, Fan Z, Merz CNB, Shah PK, Berman DS, Chang H-J, Li D.**  
Coronary atherosclerosis T1-weighted characterization with integrated anatomical reference. Comparison with high-risk plaque features detected by invasive coronary imaging  
*J Am Coll Cardiol Img* 2017; 10: 637-648
- 120. Yamaji K, Ueki Y, Souteyrand G, Daemen J, Wiebe J, Nef H, Adriaenssens T, Loh JP, Lattuca B, Wykrzykowska JJ, Gomez-Lara J, Timmers L, Motreff P, Hoppmann P, Abdel-Wahab M, Byrne RA, Meincke F, Boeder N, Honton B, O'Sullivan CJ, Icelasi A, Delarche N, Christ G, Lee JKT, Lee M, Amabile N, Karagiannis A, Windecker S, Raeber L**  
Mechanisms of very late bioresorbable scaffold thrombosis. The INVEST Registry.  
*J Am Coll Cardiol* 2017; 70: 2330-44