



# Fabio Rigamonti

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## Liste des Publications Dr. F. Rigamonti

### Articles originaux publiés dans des journaux peer-reviewed :

Zanchin C, Ueki Y, Losdat S, Fahrni G, Daemen J, Ondracek AS, Häner JD, Stortecky S, Otsuka T, Siontis GCM, **Rigamonti F**, Radu M, Spirk D, Kaiser C, Engstrom T, Lang I, Koskinas KC, Räber L. In vivo relationship between near-infrared spectroscopy-detected lipid-rich plaques and morphological plaque characteristics by optical coherence tomography and intravascular ultrasound: a multimodality intravascular imaging study. *Eur Heart J Cardiovasc Imaging*. 2020 Jan 28.

Iglesias JF, Heg D, Roffi M, Tüller D, Lanz J, **Rigamonti F**, Muller O, Moarof I, Cook S, Weilenmann D, Kaiser C, Cuculi F, Valgimigli M, Jüni P, Windecker S, Pilgrim T. Five-Year Outcomes in Patients With Diabetes Mellitus Treated With Biodegradable Polymer Sirolimus-Eluting Stents Versus Durable Polymer Everolimus-Eluting Stents. *J Am Heart Assoc*. 2019 Nov 19;8(22):e013607

Gencer B, **Rigamonti F**, Nanchen D, et al. Prognostic Values of Fasting Hyperglycemia in Nondiabetic Patients With Acute Coronary Syndrome *Eur Heart J Acute Cardiovasc Care*, 2018 Jun. IF not yet, H5-index 32. : First co-author

**Rigamonti F**, Carbone F, Montecucco F, et al. Serum lipoprotein(a) predicts acute coronary syndromes in patients with severe carotid stenosis. *Eur J Clin Invest*, 2018 Mars; 48 (3) IF 3.086

Carbone F, **Rigamonti F**, Burger F, et al. Serum levels of osteopontin predict major adverse cardiovascular events in patients with severe carotid stenosis *Int J of Cardiol* IF 6.189 ¶: First co-author.

**Rigamonti F**, Fahri G, Maeder M, et al. Switzerland: coronary and structural heart interventions from 2010 to 2015. *Eurointervention*, 2017 May 15; 13(Z): Z75-Z79. IF 5.165

Glauser F, Breault S, **Rigamonti F**, et al. Tip malposition of peripherally inserted central catheters: a prospective randomized controlled trial to compare bedside insertion to fluoroscopically guided placement. *Eur Radiol*. 2016 Jul;27(7):2843-2849 IF:3.967

Noble S, Bonvini RF, Rigamonti F, et al. Percutaneous PFO closure for cryptogenic stroke in the setting of asystematic cardiac and neurological screening and a standardised follow-up protocol. *Open Heart*. 2017 Jan 16; 4(1) :e000475



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Koskinas KC, Taniwaki M, **Rigamonti F**, et al. Impact of Patient and Lesion Complexity on Long-Term Outcomes Following Coronary Revascularization With New-Generation Drug-Eluting Stents. *Am J Cardiol.* 2017 Feb 15;119(4):501-507. IF: 3.154

Laurancet M-E, Girardin F, **Rigamonti F**, Bevand A, Meyer P, Carballo D Roffi M, Noble S, Mach F, Gencer B. Early discharge in low-risk patients hospitalized for acute coronary syndromes: feasibility, safety and reasons for prolonged length of stay. *PLOS ONE.*; 11 (8) e0161493. IF 3.5

Franzone A, Taniwaki M, **Rigamonti F**, Hed D, Piccolo R, Roffi M, Tèller D Muller O, Vuilliomenet A, Cook S, Weilenmann D, Kaiser C, Jamshidi P, Jüni P, Windecker S, Pilgrim T. Angiographic complexity of coronary artery disease according to SYNTAX score and clinical outcomes after revascularization with newer-generation drug-eluting stents: a substudy of the BIOSCIENCE trial Eurointervention. 2016 Aug 5; 12: e595-604. IF 3.9

**Rigamonti F**, Montecucco F, Boroli F, Rey Florian, Gencer B, Cikirikcioglu M, Reverdin S, Carbone F, Noble S, Roffi M, Banfi C, Giraud R. The Peak of Blood Lactate During the First 24 Hours Predicts Mortality in Acute Coronary Syndrome Patients Under Extracorporeal Membrane Oxygenation. *Int J of Cardiol.* 2016 Jul, 221:741-745. IF 4.638

**Rigamonti F**, Gencer B, Rey F, Chacara J, Tessitore E, Bunwaree S, Meier P, Noble S, Groscurin O, Larribau R, Windecker S, Carbone F, Montecucco F, Rodondi N, Matter CM; Luscher TF, Mach F, Roffi M. Pre-hospital alarm, activation for STEMI patients undergoing primary percutaneous coronary intervention in the era of transradial procedures. *Eur Journal of Intern Med* 2016 (Epub ahead of print) IF 2.591

Pilgrim T, Piccolo R, Heg D, Roffi M, Tüller D, Vuilliomenet A, Muller O, Cook S, Weilenmann D, Kaiser C, Jamshidi P, Khattab AA, Taniwaki M, **Rigamonti F**, Nietlispach F, Blöchlinger S, Wenaweser P, Jüni P, Windecker S. Biodegradable polymer sirolimus-eluting stents versus durable polymer everolimus-eluting stents for primary percutaneous coronary revascularization of acute myocardial infarction. *Eurointervention.* 2015 Dec 23;11(8). IF 3.9

Blanche C, Tran N, Carballo D, **Rigamonti F**, Burri H, Zimmermann M, Usefulness of P-Wave Signal Averaging to Predict Atrial Fibrillation, Recurrences after Electrical Cardioversion. *Ann Noninvasive Electrocardiol.* 2014 Jan 8. IF 1.569

**Rigamonti F**, Graf G, Merlani P, Bendjelid K. The short term prognosis of cardiogenic shock can be determined using hemodynamic variables: A retrospective cohort study. *Crit Care Med.* 2013 Nov; 41(11): 2484-91. IF 6.147

Blanche C, Tran N, **Rigamonti F**, Burri H, Zimmermann M. Value of P-wave signal averaging to predict atrial fibrillation recurrences after pulmonary vein isolation. *Europace* 2012, Aug 31. IF 2.765

Gabutti L, Nobile F, Forni V, **Rigamonti F**, Weibel N, Burnier M. Development of an erythropoietin prescription simulator to improve abilities for the prescription of erythropoietin stimulating agents: is it feasible? *BMC Nephrol.* 2011 Feb 18 ;12 :11. No IF



### Articles de review publiés dans des journaux peer-reviewed

Von Düring A, Al-Tamimi H, Von Düring S, Iglesias JF, **Rigamonti F**. Elevated troponin without a myocardial infarction. Rev Med Suisse. 2019 May 22;15(652):1087-1090

Py A, Giannakopoulos G, Adamopoulos D, **Rigamonti F**, Iglesias JF, Meyer P, Müller H, Noble S [Mitral clipping in the treatment of secondary mitral regurgitation]. Rev Med Suisse. 2019 May 22;15(652):1067-1071

Iglesias JF, Degrauwe S, **Rigamonti F**, Noble S, Roffi M. Percutaneous Coronary Intervention of Chronic Total Occlusions in Patients with Diabetes Mellitus: a Treatment-Risk Paradox. Curr Cardiol Rep. 2019 Feb 21;21(2):9

Rey F, **Rigamonti F**, Chacara J et al. Post-myocardial infarction ventricular septal defect. Revue Medicale Suisse. 2017 May 24; Vol. 13 (564):1088-1093.

Banfi C, Pozzi M, Brunner ME, **Rigamonti F**, Murith N, Mugnai D, Obadia JF, Bendjelid K, Giraud R. Venous-arterial extracorporeal membrane oxygenation: an overview of different cannulation techniques. J Thoracic Dis. 2016 Sep;8(9):E875-E88. IF 1.8

**Rigamonti F** et al. Cardiac involvement in Churg-Strauss syndrome mimicking acute coronary syndrome. Swiss Med Wkly. 2012 Mar 19 ; 142 :w 13543. IF1.895

**Rigamonti F** et al. Athlete's heart : frontier between physiology and pathology Rev Med Suisse. 2012 Jul 25 ; 8 (349) :1496-500. No IF

### Case Reports publiés dans des journaux peer-reviewed :

Çimci M, **Rigamonti F**, Varotto L, Hachulla AL, Roffi M. Exclusion of a coronary aneurysm with a polyurethane-covered stent. Turk Kardiyol Dern Ars. 2019 Oct;47(7):609-611

Banfi C, **Rigamonti F**, Ahmadov K, Meyer P, Hachulla AL, Craviari C, Fontana P, Bendjelid K, Giraud R. An unusual thrombus location in a Heartmate 3TM device with fatal outcome. Perfusion. 2019 Dec 9

Coen M, **Rigamonti F**, Roth A et al. Chemotherapy-induced Takotsubo cardiomyopathy, a case report and review of the literature. BMC Cancer. 2017 Jun 2; 17 (1): 394. IF: 2.768

Rey F, Roffi M, Bouvet C, Bréguet R, Jandus P, **Rigamonti F**. Recurrent Vasospastic Myocardial Infarctions and Hand Necrosis. JACC Cardiovasc Interv. 2017 Jan 23;10(2):198-199. IF: 8.841

Arroyo D, Bendjelid K, Robert-Ebadi H, **Rigamonti F**, Sieghenthaler N, Giraud R. Suspected Arterial Vasospasm in Femoro-Femoral Venous-arterial Extracorporeal Life Support. ASAIO J. 2016 Jul 26 (Epub ahead of print). IF 2.291

Guinand A, Cikirikcioglu M, Mugnai D, **Rigamonti F**. Leaflet migration in an aortic bileaflet mechanical prosthesis. Eur Heart J. 2016 Mar 7; 37 (10): 854. IF 15.064

Doll SX, **Rigamonti F**, Roffi M, Noble S. Scuba diving, acute left anterior descending artery occlusion and normal ECG. BMJ Case Rep. 2013 Jan 31;2013 No IF



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**Rigamonti F** et al. Cardiopulmonary failure due to a chronic idiopathic intestinal pseudo-obstruction  
Ann Emerg Med. 2012 Oct ; 60(4):423,430 IF 5.041

**Rigamonti F** et al. Atypical presentation of acute myeloid leukemia : cardiac myeloid sarcoma. Int J Hematol. 2009 Jun ; 89 (5) : 693-8. IF 1.168.

**Rigamonti F**, Dipen Shah. Bachmann bundle block occurring during radiofrequency ablation at the inter-atrial septum. Cardiovascular Medicine. N°9/12. No IF

## Editoriaux publiés dans des journaux peer-reviewed :

Carbone F, Montecucco F, **Rigamonti F**. A critical role of pentraxin 3 in severe sepsis and septic shock. Eur J Clin Invest. 2018 Jan;48(1) IF:3.086

**Rigamonti F**, Cimici Murat, Roffi M. Medically-managed Patients With Non ST-segment Elevation Acute Coronary Syndromes : An ill-defined Entity. Rev.Esp Cardiol. 2017 Oct ; 70 (10) 796 – 798. IF : 4.485

**Rigamonti F**, Montecucco F, Liberale L. Advanced refractory heart failure: conservative or interventional approach? Eur J Clin Invest. 2017 Feb 15;47 (2): 193-194. IF: 2.687

**Rigamonti F**, Montecucco F. Potential useful prognostic parameters after transcatheter aortic valve implantation: editorial. Eur J Clin Invest. 2016 Jan; 46(1):101-3. IF 2.687

## Lettres à l'éditeur publiés dans des journaux peer-reviewed :

**Rigamonti F**, Banfi C, Roffi M, Giraud R. Long-term prognosis after extracorporeal life support in refractory cardiogenic shock: results from a real-world cohort. Eurointervention. 2016 Jun 20; 12 (3) : 412-3. IF 3.863

## Articles originaux, editoriales ou lettres publiés dans des journaux non peer-reviewed :

**Rigamonti F** et al. Characteristics of unsuccessful radiofrequency catheter ablation for supraventricular arrhythmias. Cardiovascular Medicine, 18, 2010; 13 (5).

Blanche C, **Rigamonti F** et al. Prognosis of atrial fibrillation : different realities between Switzerland and Cameroon. Cardiovascular Medicine, Supplementum 18, 2010 ; 13 (5).

**Rigamonti F**. Risque d'infarctus du myocarde : Comme le quotidien stresse le cœur. Psyche und Herzkrankungen. Cardiovasc 6, 2009

**Rigamonti F**, M.Zimmermann. Diagnostic différentiel d'une tachycardie à complexes QRS larges. Publié dans le périodique « A Cœur Ouvert », Journal de la Fondation Cœur de la Tour pour la recherche cardiovasculaire

**Rigamonti F**, Mombelli G. Terapia insulinica intensiva in cure intense mediche. Tribuna Medica Ticinese, October 2006.



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## Chapitres des livres:

**Rigamonti F**, Roffi M. Risk reduction strategies - Prophylactic revascularization, CASS registry, CARP Decrease V PCI/ CABG DES versus BMS. The ESC Textbook of Cardiovascular Medicine 3rd edition, Reference number: ESCCVM-Ed3-0411

**Rigamonti F**. Diagnostic différentiel d'une tachycardie à complexes QRS larges. COEUR OUVERT, TOME II. Fondation de La Tour pour la Recherche Cardiovasculaire, pp 156-160

## Thèse:

Public defense of the thesis « Effects of sigh on respiratory function in obese patients during general anesthesia » Università degli Studi dell'Insubria, (I) for the MD degree graduation.

## Abstract présentés à des Congrès internationales :

Noble S, **Rigamonti F**, Iglesias J, Marco Roffi on behalf of e-Ultimaster Investigators. Comparison of transradial vs femoral access in contemporary real-life PCI practices – a propensity weighted matching analysis from a worldwide registry. I will be presented at the annual meeting of the European Association of Percutaneous Cardiovascular Interventions (EAPCI).

Iglesias J, **Rigamonti F**, et al. Influence of intravenous fentanyl versus morphine on ticagrelor absorption and platelet inhibition in patients with ST- segment elevation myocardial infarction undergoing primary PCI", the PERSEUS trial. Presented at the Congress of the European Society of Cardiology, Munich

Rey F, Diakite M, **Rigamonti F**, Roffi M. Innovative Management of Acute Stent Recoil in The Left Main. Presented at the annual meeting of the European Association of Percutaneous Cardiovascular Interventions (EAPCI)

Franzone A, Taniwaki M, **Rigamonti F**, Heg D, Piccolo R, Roffi M, Tüller D Müller O, Vuilliminet A, Cook S, Weilenmann D, Kaiser C, Jamshidi P, Jüni P, Windecker S, Pilgrim T. Angiographic complexity of coronary artery disease according to SYNTAX score and clinical outcomes after revascularisation with newer-generation DES: a substudy of the BIOSCIENCE trial. Presented at the European Congress of Percutaneous Cardiovascular Interventions (EuroPCR), Paris, 16-19.5.2016

Noble S, Gencer B, **Rigamonti F**, Tessitore E, Frangos C, Righini M, Roffi M, Bonvini R. Transradial percutaneous coronary interventions using a sheathless guiding catheter compared to standard guiding catheter: a randomised study. Presented at the European Congress of Percutaneous Cardiovascular Interventions (EuroPCR), Paris, 19-22.5.2015.

Rey F, Diakite M, **Rigamonti F**, Roffi M. Innovative Management of Acute Stent Recoil in The Left Main. Presented at the Swiss Society of Cardiology Congress, Baden

Mootosamy, T. Sologashvili, **F. Rigamonti**, P. Bijlenga, P. Myers. Urgent laminectomy and off-pump cabg as salvage management of spontaneous spinal epidural hematoma complicating symptomatic left main coronary subocclusion. Presented at the Swiss Society of Cardiology Congress, Lausanne

**F. Rigamonti**, S. Reverdin, S. Bunwaree, R. Bonvini, M. Roffi, S. Noble. Hemodynamic support in ACS patients with CRA or rCS: a retrospective monocentric experience. Presented at the Swiss Society of Cardiology Congress, Lugano



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**F. Rigamonti**, S. Bunwaree, S. Reverdin, R. Bonvini, M. Roffi, S. Noble Myocardial non-compaction presenting as ACS syndrome. Presented at the Swiss society of cardiology Congress, Lugano.

C. Blanche, N. Tran, **F. Rigamonti**, H. Burri, M. Zimmermann. Prediction of atrial fibrillation recurrences after radiofrequency pulmonary vein isolation using the p-wave signal averaged electrocardiogram. Presented at the Swiss Society of Cardiology Congress, Lausanne.

**F. Rigamonti**, H. Iler, H. Sunthorn. Iatrogenic ventricular fibrillation followed by Tako-Tsubo syndrome. Presented at the Swiss Society of Cardiology Congress, Lausanne.

C. Blanche, D. Carballo, N. Tran, **F. Rigamonti**, H. Burri, M. Zimmermann. Value of P wave signal averaging to predict atrial fibrillation recurrences after electrical cardioversion. Presented at the annual meeting of the Swiss society of cardiology, Lausanne

**Rigamonti F**, Beris P, Sanchez-Pareja A, Meyer P, Ashrafpoor G, Zaza S Passweg J, Chalandon Y. Atypical presentation of acute myeloid leukemia: cardiac myeloid sarcoma. Presented at the Swiss Society of General Internal Medicine Congress, Lausanne

## Présentations orales:

Orateur invité: " La FFR: Comment l'analyser en pratique? » . Les 30eme Journées Européennes de la Société Française de Cardiologie, 15-18 Janvier 2020, Paris

Orateur invité: " Comment interpréter une coronarographie pour les non spécialistes?" and "Comment réaliser une OCT et pourquoi?". Les 29es Journées Européennes de la Société Française de Cardiologie, 16-19 Janvier 2019, Paris

Orateur invité: " Traitement conservateur et interventionnel des syndromes coronariens aigus chez la femme" Quatres saisons cardiovasculaires, Hôpitaux Universitaires de Genève, 13.12.18, Geneva.

Orateur invité: " Cardiopathies coronariens – prévention, diagnostic, traitement". Médecine Interne Update Refresher, 29 May – 2 Juin 2018, Lausanne

Co-director et orateur dans le cours Geneva coronary physiology and hemodynamic course", Abbott Education Network, 15 november 2018, Swiss Foundation for Innovation and training in Surgery (SFITS), Geneva

Directeur et orateur du course: " Optimisation de l'angioplastie: OCT dans la routine clinique", Abbott Education Network, 4 December 2018, University Hospitals of Geneva, Geneva

Orateur invité: "The Peak of Blood Lactate During the First 24 Hours Predicts Mortality in Acute Coronary Syndrome Patients Under Extracorporeal Membrane Oxygenation", 51st Annual Scientific Meeting of the European Society for Clinical Investigation, 17-19 May, Genoa

Cas cliniques: "Vasospastic angina: a forgotten acute coronary syndrome". Presented at the Swiss Society of Cardiology Congress, Lausanne, 17.6.2016

Interventional cardiology in Switzerland in 2015", annual statistic report. Presented at the annual Congress of the Swiss Working Group for Interventional Cardiology and Acute Coronary Syndrome, Lausanne, 15.6.2016



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Interventional cardiology in Switzerland in 2014", annual statistic report. Presented at the annual Wintermeeting of the Swiss Working Group for Interventional Cardiology and Acute Coronary Syndrome, Feusisberg, 23.01.2015

"Characteristics of unsuccessful radiofrequency catheter ablation for supraventricular arrhythmias". Presented at the Swiss Society of Cardiology Congress, St.Gallen, 11.6.2010.