

Dejan Milasinovic, MD

Department of Cardiology, University Clinical Center of Serbia
Work address: Visegradska 26, 11000 Belgrade, Serbia

Education

2010

Medical doctor (Dr. Med. Univ), Medical University of Vienna, Austria

2018

Internal Medicine Board Certification – Faculty of Medicine, University of Belgrade, Serbia

PhD in Cardiology – Faculty of Medicine, University of Belgrade, Serbia (ongoing)

Professional Experience

2018 – ongoing

Staff member – Unit for Invasive Diagnostics and Interventional Cardiology, Department of Cardiology, University Clinical Center of Serbia

Assistant Professor/Teaching Assistant – Faculty of Medicine, University of Belgrade, Serbia

2013 – 2018

Internal Medicine Fellowship, Faculty of Medicine, University of Belgrade and Clinical Center of Serbia

2011 – 2013

Research Fellowship, Unit for Invasive Diagnostics and Interventional Cardiology, Department of Cardiology, Clinical Center of Serbia

Professional Affiliations & Leadership roles

- EuroPCR board / program committee member
- EAPCI-PCR Fellows Course Co-director
- AICT-AsiaPCR 2022 associate director
- EAPCI-PCR Journal Club Chair
- PCR Webinars Medical Director
- EAPCI board member (2022-2024)
- European Association of Percutaneous Cardiovascular Interventions (EAPCI) New Initiatives for Young Interventionalists Committee, Chair (2022-2024)
- EAPCI New Initiatives for Young Interventionalists Committee, member (2016-2020)
- EAPCI Digital Communication Committee, member (2018-2020)
- EAPCI Education & Training Committee, member (2018-2020)
- EAPCI Fellowship Committee, member (2018-2020)

- Cardiology Society of Serbia, member
- Serbian Working Group on Interventional Cardiology, member
- Board for cardiology sub-specialization, Faculty of Medicine, University of Belgrade, secretary

Awards received

- Best Abstract Award EuroPCR 2016
- Best Tweeted Paper EuroIntervention 2018
- Associate Editor of the Year Award 2020-2021 (European Heart Journal Case Reports)
- Best Image during Bifurcation PCI, EBC meeting, Warsaw, 2023

Editorial and Reviewer Activities

- Editorial Board, EuroIntervention
- Editorial Board, PCRONline
- Editorial Board Reviewer, European Heart Journal Case Reports
- Associate Editor, European Heart Journal Case Reports (2019-2021)
- Reviewer: European Heart Journal, EuroIntervention, European Heart Journal Case Reports, Heart, American Heart Journal, International Journal of Cardiology and others
- Abstract and Clinical Cases Reviewing committee: EuroPCR, European Society of Cardiology congress, AICT-AsiaPCR

Publications

1. Milasinovic D, Teischinger L, Luerzer G, Mohl W. A comparison of therapeutic trends in myocardial infarction. *Wien Klin Wochenschr.* 2007; 119(11-12 Suppl 1):15-9. Review.
2. Mohl W, Mina S, Milasinovic D, Kasahara H, Wei S. The legacy of coronary sinus interventions: endogenous cardioprotection and regeneration beyond stem cell research. *J Thorac Cardiovas Surg.* 2008 Nov; 136(5): 1131 – 5.
3. Mohl W, Mina S, Milasinovic D, Kasahara H, Wei S, Maurer G. Is activation of coronary venous cells the key to cardiac regeneration? *Nat Clin Pract Cardiovasc Med.* 2008 Sep; 5(9): 528–530.
4. Mohl W, Milasinovic D, Steurer G. Coronary venous pressure elevation 'risks and benefit'. *Nat Clin Pract Cardiovasc Med.* 2009 Mar; 6(3):E4.
5. Matic DM, Milasinovic DG, Asanin MR, Mrdovic IB, Marinkovic JM, Kocev NI, Marjanovic MM, Antonijevic NM, Vukcevic VD, Savic LZ, Zivkovic MN, Mehmedbegovic ZH, Dedovic VM, Stankovic GR. Prognostic implications of bleeding measured by Bleeding Academic Research Consortium (BARC) categorisation in patients undergoing primary percutaneous coronary intervention. *Heart.* 2014 Jan;100(2):146-52.
6. Orlic D, Ostojic M, Beleslin B, Milasinovic D, Tesic M, Borovic M, Vukcevic V, Stojkovic S, Nedeljkovic M, Stankovic G. The Randomized Physiologic Assessment of Thrombus Aspiration in

- Patients with Acute ST-Segment Elevation Myocardial Infarction Trial (PATA STEMI): Study Rationale and Design. *J Interv Cardiol.* 2014 Aug;27(4):341-7.
7. Kostić J, Orlić D, Borović ML, Beleslin B, Milašinović D, Dobrić M, Tešić M, Ostojić M. Coronary thrombi neovascularization in patients with ST-elevation myocardial infarction - clinical and angiographic implications. *Thromb Res.* 2014 Nov;134(5):1038-45.
 8. Mohl W, Milasinovic D, Aschacher T, Jusic A, Maimaitiaili A, Rattay F. The Hypothesis of "Embryonic Recall": Mechanotransduction as Common Denominator Linking Normal Cardiogenesis to Recovery in Adult Failing Hearts. *J. Cardiovasc. Dev. Dis.* 2014, 1(1), 73-82.
 9. Milasinovic D, Milosevic A, Marinkovic J, Vukcevic V, Ristic A, Asanin M, Stankovic G. Timing of invasive strategy in NSTEMI-ACS patients and effect on clinical outcomes: A systematic review and meta-analysis of randomized controlled trials. *Atherosclerosis.* 2015 Apr 30;241(1):48-54.
 10. Mohl W, Milasinovic D, Maurer G. Trans-coronary sinus catheter interventions: Back in the repertoire? *EuroIntervention.* 2015 May;11(1):19, 21, 23.
 11. Milasinovic D, Mohl W. Current perspective on endogenous myocardial regeneration. *World J Stem Cells* 2015; 7(5): 793-805.
 12. Stankovic G, Milasinovic D. Peri-stent contrast staining: a stain on the long term safety of DES? *AsiaIntervention* 2015;1:1-3
 13. Milosevic A, Vasiljevic-Pokrajcic Z, Milasinovic D, Marinkovic J, Vukcevic V, Stefanovic B, Asanin M, Dikic M, Stankovic S, Stankovic G. Randomized study of Immediate versus Delayed invasive intervention in patients with Non-ST-segment Elevation Myocardial Infarction (RIDDLE-NSTEMI). *JACC Cardiovasc Interv.* 2016 Mar 28;9(6):541-9.
 14. Stankovic G, Milasinovic D. What is the role of manual aspiration thrombectomy in the management of patients with STEMI: a TOTALLY different TASTE of TAPAS? *Postepy Kardiol Interwencyjne.* 2016;12(1):3-5.
 15. Milosevic A, Vasiljevic-Pokrajcic Z, Milasinovic D, Vukcevic V, Asanin M, Stankovic G. Reply: Immediate Invasive Strategy for Patients With Both New Ischemic Electrocardiographic Changes and Troponin Elevation. *JACC Cardiovasc Interv.* 2016 Apr 11;9(7):754.
 16. Milosevic A, Vasiljevic-Pokrajcic Z, Milasinovic D, Vukcevic V, Asanin M, Stankovic G. Reply: Immediate Versus Delayed Invasive Intervention for Non-ST-Segment Elevation Myocardial Infarction Patients (RIDDLE-NSTEMI Study): A Game Changer for Interventional Cardiologists? *JACC Cardiovasc Interv.* 2016 Jul 11;9(13):1416.
 17. Stankovic G, Milasinovic D. Rotational Atherectomy in Clinical Practice: The Art of Tightrope Walking. *Circ Cardiovasc Interv.* 2016 Nov;9(11). pii:e004571
 18. Rakocevic J, Orlic D, Mitrovic-Ajtic O, Tomasevic M, Dobric M, Zlatic N, Milasinovic D, Stankovic G, Ostojić M, Labudovic-Borovic M. Endothelial cell markers from clinician's perspective. *Exp Mol Pathol.* 2017 Feb 10;102(2):303-313.
 19. Gopcevic K, Rovcanin B, Kekic D, Milasinovic D, Kocic G, Stojanovic I. Gelatinases A and B and Antioxidant Enzyme Activity in the Early Phase of Acute Myocardial Infarction. *Folia Biol (Praha).* 2017;63(1):20-26.
 20. Stojkovic S, Milasinovic D, Bozinovic, N, Davidovic A, Debeljacki D, Djenic N, Hinic S, Jagic N, Micic O, Mitov V, Neskovic AN, Nikolic M, Sagic D, Stankovic G; n behalf of the Working Group on Catheterisation and Percutaneous Coronary Intervention of Serbia. Serbia: coronary and structural heart interventions from 2010 to 2015. *EuroIntervention* 2017, 13: Z1-Z5.
 21. Jobs A, Mehta SR, Montalescot G, Vicaut E, Van't Hof AWJ, Badings EA, Neumann FJ, Kastrati A, Sciahbasi A, Reuter PG, Lapostolle F, Milosevic A, Stankovic G, Milasinovic D, Vonthein R, Desch S, Thiele H. Optimal timing of an invasive strategy in patients with non-ST-elevation acute coronary syndrome: a meta-analysis of randomised trials. *Lancet.* 2017 Aug 19;390(10096):737-746.

22. Mohl W, Henry TD, Milasinovic D, Nguemo F, Hescheler J, Perin EC. From state-of-the-art cell therapy to endogenous cardiac repair. *EuroIntervention*. 2017 Aug 25;13(6):760-772.
23. Stojkovic S, Milasinovic D. Chronic total occlusion percutaneous coronary intervention in clinical practice: novel grounds to be EXPLOREd. *Heart*. 2018 Sep;104(17):1392-1393.
24. Stankovic G, Milasinovic D. Excelling in left main intervention. *Circ Cardiovasc Interv*. 2018 Oct;11(10):e007363.
25. Zivotić I, Djurić T, Stanković A, Ivančević I, Končar I, Milasinović D, Stanković G, Alavantić D, Zivković M. The H4CD4 haplotype as a risk factor for atherosclerosis in males. *Gene*. 2018 Jan 30;641:35-40.
26. Milasinovic D, Wijns W, Ntsekhe M, Hellig F, Mohamed A, Stankovic G. Step-by-step manual for planning and performing bifurcation PCI: a resource-tailored approach. *EuroIntervention* 2018, 13: E1-E8.
27. Tesic M, Djordjevic-Dikic A, Giga V, Stepanovic J, Dobric M, Jovanovic I, Petrovic M, Mehmedbegovic Z, Milasinovic D, Dedovic V, Zivkovic M, Juricic S, Orlic D, Stojkovic S, Vukcevic V, Stankovic G, Nedeljkovic M, Ostojic M, Beleslin B. Prognostic Value of Transthoracic Doppler Echocardiography Coronary Flow Velocity Reserve in Patients with Nonculprit Stenosis of Intermediate Severity Early after Primary Percutaneous Coronary Intervention. *J Am Soc Echocardiogr*. 2018 Apr 3. pii: S0894-7317(18)30103-2.
28. Milasinovic D, Milosevic A, Vasiljevic-Pokrajcic Z, Marinkovic J, Vukcevic V, Stefanovic B, Asanin M, Stankovic S, Ivanovic B, Stankovic G. Three-Year Impact of Immediate Invasive Strategy in Patients With Non-ST-Segment Elevation Myocardial Infarction (from the RIDDLE-NSTEMI Study). *Am J Cardiol*. 2018 Jul 1;122(1):54-60.
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30. Valdes-Chavarri M, Kedev S, Neskovic AN, Morís de la Tassa C, Zivkovic M, Trillo Nouche R, Vázquez González N, Bartorelli AL, Antoniucci D, Tamburino C, Colombo A, Abizaid AA, McFadden E, Garcia-Garcia HM, Milasinovic D, Stankovic G. Randomized Evaluation of a Novel Biodegradable Polymer-Based Sirolimus-Eluting Stent in ST-Segment Elevation Myocardial Infarction: The MASTER Study. *EuroIntervention*. 2018 Jun 26. pii: EIJ-D-17-01087.
31. Tesic M, Djordjevic-Dikic A, Giga V, Stepanovic J, Dobric M, Jovanovic I, Petrovic M, Mehmedbegovic Z, Milasinovic D, Dedovic V, Zivkovic M, Juricic S, Orlic D, Stojkovic S, Vukcevic V, Stankovic G, Nedeljkovic M, Ostojic M, Beleslin B. Prognostic Value of Transthoracic Doppler Echocardiography Coronary Flow Velocity Reserve in Patients with Nonculprit Stenosis of Intermediate Severity Early after Primary Percutaneous Coronary Intervention. *J Am Soc Echocardiogr*. 2018 Aug;31(8):880-887.
32. Mohl W, Spitzer E, Mader RM, Wagh V, Nguemo F, Milasinovic D, Jusić A, Khazen C, Szodorai E, Birkenberg B, Lubec G, Hescheler J, Serruys PW. Acute molecular effects of pressure-controlled intermittent coronary sinus occlusion in patients with advanced heart failure. *ESC Heart Fail*. 2018 Dec;5(6):1176-1183.
33. Mohl W, Milasinovic D, Faxon DP. Amending a dogma. *EuroIntervention*. 2018 Dec 20;14(12):e1258-e1261
34. Stojkovic S, Milasinovic D. Chronic total occlusion percutaneous coronary intervention in clinical practice: novel grounds to be EXPLOREd. *Heart*. 2018 Sep;104(17):1392-1393.
35. Stankovic G, Milasinovic D. Excelling in left main intervention. *Circ Cardiovasc Interv*. 2018 Oct;11(10):e007363.

36. Maas A, Milasinovic D, Berry C, Escaned J. Microvascular angina: diagnosis, assessment and treatment. *EMJ Int Cardiol*. 2019;7[Suppl 1]:2-17
37. Stankovic G, Milasinovic D, Mehmedbegovic Z. Left Main PCI: Are We Giving the Kiss the Attention It Deserves? *EuroIntervention*. 2020 Jun 25;16(3):192-194
38. Matic DM, Asanin MR, Vukcevic VD, Mehmedbegovic ZH, Marinkovic JM, Kocev NI, Marjanovic MM, Mrdovic IB, Antonijevic NM, Milosevic AD, Zivkovic MN, Krljanac GV, Stankovic SD, Milasinovic DG, Lasica RM, Stankovic GR. Impact on long-term mortality of access and non-access site bleeding after primary percutaneous coronary intervention. *Heart*. 2019 May 25. pii: heartjnl-2019-314728
39. Zivotić I, Djurić T, Stanković A, Milasinovic D, Stankovic G, Dekleva M, Nikolić NM, Alavantić D, Zivković M. CDKN2B gene expression is affected by 9p21.3 rs10757278 in CAD patients, six months after the MI. *Clin Biochem*. 2019 Aug 3. pii: S0009-9120(19)30263-2.
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41. Milasinovic D, Tomasevic M, Vukcevic V, Stankovic G. OCT Guidance for Detection and Treatment of Free-Floating Struts Following Ostial LAD Stenting. *JACC Cardiovasc Interv*. 2021 Jun 28;14(12):1376-1377.
42. Stankovic G, Milasinovic D. Standardisation of techniques for bifurcation stenting optimisation: the journey continues. *EuroIntervention*. 2021 Oct 20;17(9):701-702.
43. Milasinovic D, Stankovic G. Towards a common pathway for the treatment of left main disease: contemporary evidence and future directions. *AsiaIntervention* 2021;7:85-95.
44. Milasinovic D, Stankovic G, Escaned J. ORBITA-2 design and rationale: what causes angina after PCI? *EuroIntervention*. 2022 May 15;18(1):94-95.
45. Van Belle E, Teles RC, Pyxaras SA, Kalpak O, Johnson TW, Barbash IM, De Luca G, Kostov J, Parma R, Vincent F, Brugaletta S, Debry N, Toth GG, Ghazzal Z, Deharo P, Milasinovic D, Kaspar K, Saia F, Mauri J, Kammler J, Muir DF, O'Connor S, Mehilli J, Thiele H, Weilenmann D, Witt N, Joshi F, Kharbanda RK, Piroth Z, Wojakowski W, Geppert A, Di Gioia G, Pires-Morais G, Petronio AS, Estevez-Loureiro R, Ruzsa Z, Kefer J, Kunadian V, Van Mieghem N, Windecker S, Baumbach A, Haude M, Dudek D. EAPCI Core Curriculum for Percutaneous Cardiovascular Interventions (2020): Committee for Education and Training European Association of Percutaneous Cardiovascular Interventions (EAPCI). A Branch of the European Society of Cardiology *EuroIntervention*. 2020 Jul 7;EIJ-D-18-00448.
46. Milasinovic D, Mladenovic D, Zaharijev S, Mehmedbegovic Z, Marinkovic J, Jelic D, Zobenica V, Radomirovic M, Dedovic V, Pavlovic A, Dobric M, Stojkovic S, Asanin M, Vukcevic V, Stankovic G. Prognostic impact of non-culprit chronic total occlusion over time in patients with ST-elevation myocardial infarction treated with primary percutaneous coronary intervention. *Eur Heart J Acute Cardiovasc Care*. 2021 Dec 6;10(9):990-998.
47. Lassen JF, Albiero R, Johnson TW, Burzotta F, Lefèvre T, Iles TL, Pan M, Banning AP, Chatzizisis YS, Ferenc M, Dzavik V, Milasinovic D, Darremont O, Hildick-Smith D, Louvard Y, Stankovic G. Treatment of coronary bifurcation lesions, part II: implanting two stents. The 16th expert consensus document of the European Bifurcation Club. *EuroIntervention*. 2022 Aug 19;18(6):457-470.

48. Nadarajah R, Ludman P, Appelman Y, Brugaletta S, Budaj A, Bueno H, Huber K, Kunadian V, Leonardi S, Lettino M, Milasinovic D, Gale CP; NSTEMI Investigators. Cohort Profile: The ESC EURObservational Research Programme Non-ST-segment elevation myocardial infraction (NSTEMI) Registry. *Eur Heart J Qual Care Clin Outcomes*. 2022 Oct 19:qcac067.
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50. Milasinovic D. Complex distal left main bifurcation disease requiring a two-stent approach: in search of an accurate DEFINITION. *AsiaIntervention* 2023 Mar 15;9(1):11-13
51. Nadarajah R, Ludman P, Laroche C, Appelman Y, Brugaletta S, Budaj A, Bueno H, Huber K, Kunadian V, Leonardi S, Lettino M, Milasinovic D, Gale CP; NSTEMI investigator group. Presentation, care and outcomes of patients with NSTEMI according to World Bank country income classification: the ACVC-EAPCI EORP NSTEMI Registry of the European Society of Cardiology. *Eur Heart J Qual Care Clin Outcomes*. 2023 Feb 3:qcad008.
52. Milasinovic D, Nedeljkovic O, Maksimovic R, Sobic-Saranovic D, Dukic D, Zobenica V, Jelic D, Zivkovic M, Dedovic V, Stankovic S, Asanin M, Vukcevic V. Coronary Microcirculation: The Next Frontier in the Management of STEMI. *J Clin Med*. 2023 Feb 17;12(4):1602.
53. Kumar S, Molony D, Khawaja S, Crawford K, Thompson EW, Hung O, Shah I, Navas-Simbana J, Ho A, Kumar A, Ko YA, Hosseini H, Lefieux A, Lee JM, Hahn JY, Chen SL, Otake H, Akasaka T, Shin ES, Koo BK, Stankovic G, Milasinovic D, Nam CW, Won KB, Escaned J, Erglis A, Murasato Y, Veneziani A, Samady H. Stent Underexpansion is Associated with High Wall Shear Stress: A Biomechanical Analysis of the Shear Stent Study. *Int J Cardiovasc Imaging*. 2023 Apr 29. doi: 10.1007/s10554-023-02838-6
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55. Nadarajah R, Ludman P, Laroche C, Appelman Y, Brugaletta S, Budaj A, Bueno H, Huber K, Kunadian V, Leonardi S, Lettino M, Milasinovic D, Gale CP. Sex-specific presentation, care, and clinical events in individuals admitted with NSTEMI: the ACVC-EAPCI EORP NSTEMI Registry of the European Society of Cardiology. *Eur Heart J Acute Cardiovasc Care*. 2023 Oct 31:zuad134.
56. Milasinovic D, Brugaletta S, Jelic D, Stankovic G. OCT guidance for evaluation and treatment of the long-term consequences of inadequate ostial CX stenting. *EuroIntervention*. 2023 Sep 7:EIJ-D-23-00552.
57. Nadarajah R, Ludman P, Laroche C, Appelman Y, Brugaletta S, Budaj A, Bueno H, Huber K, Kunadian V, Leonardi S, Lettino M, Milasinovic D, Ajjan R, Marx N, Gale CP. Diabetes mellitus and presentation, care and outcomes of patients with NSTEMI: the Association for Acute Cardiovascular Care-European Association of Percutaneous Cardiovascular Interventions EURObservational Research Programme NSTEMI Registry of the European Society of Cardiology. *Eur Heart J Qual Care Clin Outcomes*. 2024 Jan 8:qcae002.

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