

Articole în reviste cotate ISI, cu factor de impact:

1. Mátyás BB, Benedek I, **Blîndu E**, Gerculy R, Roşca A, Rat N, Kovács I, Opincariu D, Parajkó Z, Szabó E, Benedek B, Benedek T. Elevated FAI Index of Pericoronary Inflammation on Coronary CT Identifies Increased Risk of Coronary Plaque Vulnerability after COVID-19 Infection. *International Journal of Molecular Sciences*. 2023; 24(8):7398. DOI: 10.3390/ijms24087398. ISSN 1422-0067. IF 6.2
2. **Blîndu E**, Mátyás B, Bajka B, Buicu C, Chiţu M, Benedek I. High Inflammation and Coronary Calcification in an Acute Coronary Syndrome Successfully Treated with Cutting Balloon. *Journal of Cardiovascular Emergencies*. 2023; Published Online Ahead of Print: - DOI: 10.2478/jce-2023-0015. ISSN: 2457 – 5518. IF 0,4
3. **Blîndu E**, Benedek I, Rodean I, Halaşiu V, Raţ N, Ţolescu C, Mihăilă T, Roşca A, Mátyás B, Szabó E, Gerculy R, Păsăroiu D, Buicu F, Benedek T. Regional Differences in the Level of Inflammation Between the Right and Left Coronary Arteries – a Coronary Computed Tomography Angiography Study of Epicardial Fat Attenuation Index in Four Scenarios of Cardiovascular Emergencies. *Journal of Cardiovascular Emergencies*. 2023;9(4): 111-119. DOI: 10.2478/jce-2023-0014. ISSN: 2457 – 5518. IF 0,4
4. Mátyás B, Gerculy R, Rat N, **Blîndu E**, Stănescu A, Roşca A, Buicu C, Benedek I, Benedek T. Highly Inflamed Non-Calcified Coronary Plaques Sealed with Stents in Patients with Zero Calcium Score – a Case Series and Review of the Literature. *Journal of Cardiovascular Emergencies*. 2023. Published Online Ahead of Print. DOI: 10.2478/jce-2023-0016. ISSN: 2457 – 5518. IF 0,4
5. Mátyás B, **Blîndu E**, Rat N, Kovács I, Buicu C, Benedek T. A Race Against Time: Coronary Computed Tomography Angiography Discovers a Highly Inflamed Plaque in 49-Year-Old Right Before STEMI. *Journal of Cardiovascular Emergencies*. 2023; Published Online Ahead of Print. DOI: 10.2478/jce-2023-0018. ISSN: 2457 – 5518. IF 0,4

Articole în reviste cotate ISI, fără factor de impact:

1. Licu R, **Blîndu E**, Benedek I, Benedek T. Decrease of Cardiovascular Emergencies During the COVID-19 Pandemic. *Journal of Cardiovascular Emergencies*. 2020;6(3): 59-62. DOI: 10.2478/jce-2020-0011. ISSN: 2457 – 5518. Fără factor de impact. Autor corespondent
2. Licu R, **Blîndu E**, Opincariu D, Benedek T. Vulnerable Plaques Producing an Acute Coronary Syndrome Exhibit a Different CT Phenotype than Those That Remain Silent. *Journal of Cardiovascular Emergencies*. 2020;6(2): 26-34. DOI: 10.2478/jce-2020-0008. ISSN: 2457 – 5518. Fără factor de impact

Articole în reviste indexate BDI:

1. Mátyás B, Benedek I, Opincariu D, **Blîndu E**, Rosca A, Rodean I, Benedek B, Benedek T. Impact of COVID-19 Infection on Regional Pericoronary Inflammation: An Angio-CT Study of Epicardial Fat Attenuation. *Romanian Journal of Cardiology*. 2023;33(2): 47-53. DOI: 10.2478/rjc-2023-0011.
2. Buicu A, Licu R, **Blîndu E**, Opincariu D, Hodas R, Polexa A, Benedek T. Inflammatory Biomarkers and Endothelial Alteration in Patients with Heart Failure and Acute Coronary Syndromes. *Journal of Interdisciplinary Medicine*. 2021;6(3): 146-152. DOI: 10.2478/jim-2021-0028
3. **Blîndu E**, Licu R, Rat N, Benedek T. Țesutul adipos pericoronarian – un termometru al arterelor coronare. *Journal of Interdisciplinary Medicine*. 2021;6(S1):24-28
4. **Blîndu E**, Gerculy R, Opincariu D, Cernica D, Benedek I. Cessation of Renin-Angiotensin System Antagonists During the SARS-CoV-2 Pandemic – Do We Have the Evidence?. *Journal of Interdisciplinary Medicine*. 2020;5(3): 105-109. DOI: 10.2478/jim-2020-0022
5. **Blîndu E**, Korodi S, Bordi L, Kovács I, Benedek I. Epicardial Fat Volume as a New Imaging-Based Feature Associated with Risk of Recurrence after Pulmonary Veins Ablation in Atrial Fibrillation. *Journal of Interdisciplinary Medicine*. 2020;5(2): 65-70. DOI: 10.2478/jim-2020-0012

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1. B Matyas, I Benedek, A Rosca, A Stanescu, **E Blindu**, R Gerculy, T Benedek. Reduction of perivascular inflammation following long-term statin treatment - a coronary CT follow-up study using Fat Attenuation Index. *European Heart Journal*, Volume 44, Issue Supplement_2, November 2023. DOI: 10.1093/eurheartj/ehad655.153. ISSN: 0195-668X. ESC Congress, Amsterdam, 25-28 august 2023.
2. **E Blindu**, I Benedek, I Rodean, B Halatiu, N Rat, C Tolescu, T Mihaila, A Rosca, B B Matyas, E Szabo, R Gerculy, D Pasaroiu, T Benedek, Regional differences in the level of inflammation between right and left sided coronary arteries: a cardiac CT study of epicardial fat attenuation index, *European Heart Journal - Cardiovascular Imaging*, Volume 24, Issue Supplement_1, June 2023. DOI: 10.1093/ehjci/jead119.280. ISSN: 2047-2404. EACVI Congress, Barcelona, 10-12 mai 2023
3. B Matyas, I Benedek, D Opincariu, **E Blindu**, A Rosca, I Rodean, B Benedek, T Benedek, Regional distribution of pericoronary inflammation in post COVID-19 patients - an angio-CT study of epicardial fat attenuation, *European Heart Journal - Cardiovascular Imaging*, Volume 24, Issue Supplement_1, June 2023, DOI: 10.1093/ehjci/jead119.341. ISSN: 2047-2404. EACVI Congress, Barcelona, 10-12 mai 2023
4. B Matyas, I Benedek, D Opincariu, **E Blindu**, A Rosca, L Bordi, B Benedek, T Benedek. Increased risk of coronary plaque vulnerabilization following COVID-19 infection, identified by elevated FAI index of pericoronary inflammation at coronary CT. *European*

- Heart Journal - Cardiovascular Imaging, Volume 24, Issue Supplement_1, June 2023, DOI: 10.1093/ehjci/jead119.306. ISSN: 2047-2404. EACVI Congress, Barcelona, 10-12 mai 2023
5. A Rosca, I Benedek, M Neicu, B B Matyas, **E Blindu**, I Rodean, V B Halatiu, N Rat, R Gerculy, T Benedek. Correlations between coronary calcium score, FAI index of epicardial fat inflammation and regional distribution of pericoronary inflammation - insights from the IntelfAT study. European Heart Journal - Cardiovascular Imaging, Volume 24, Issue Supplement_1, June 2023, DOI: 10.1093/ehjci/jead119.318. ISSN: 2047-2404. EACVI Congress, Barcelona, 10-12 mai 2023
 6. Z S Parajko, I Benedek, I Kovacs, L Bordi, D Opincariu, N Rat, B Halatiu, I Rodean, **E Blindu**, A Rosca, B Matyas, R Gerculy, T Benedek. Association between coronary inflammation measured by FAT attenuation index and CT features of atheromatous plaque vulnerability. European Heart Journal - Cardiovascular Imaging, Volume 24, Issue Supplement_1, June 2023, DOI: 10.1093/ehjci/jead119.326. ISSN: 2047-2404. EACVI Congress, Barcelona, 10-12 mai 2023
 7. V B Halatiu, I Benedek, I P Rodean, L O Cojocariu, T Mihaila, **E Blindu**, A Rosca, B B Matyas, E Szabo, Z Parajko, R Gerculy, T Benedek. CT-derived modified Duke score is associated with pericoronary Fat Attenuation Index and predicts severity of coronary inflammation. European Heart Journal - Cardiovascular Imaging, Volume 24, Issue Supplement_1, June 2023, DOI: 10.1093/ehjci/jead119.221. ISSN: 2047-2404. EACVI Congress, Barcelona, 10-12 mai 2023
 8. R Gerculy, I Benedek, I Kovacs, N Rat, B Halatiu, I Rodean, L Bordi, **E Blindu**, A Rosca, B Matyas, E Szabo, Z S Parajko, T Benedek. Correlations between CT-assessed vascular inflammation at different levels of the coronary circulation and the risk of atrial fibrillation. European Heart Journal - Cardiovascular Imaging, Volume 24, Issue Supplement_1, June 2023. DOI: 10.1093/ehjci/jead119.343. ISSN: 2047-2404. EACVI Congress, Barcelona, 10-12 mai 2023
 9. D Opincariu, N Rat, A Gorea Stanescu, **E Blindu**, B Matyas, I Kovacs, I Benedek, T Benedek. CCTA characteristics of vulnerable plaques preceding acute coronary syndromes-a comparative analysis between STE- and NSTEMI-ACS. European Heart Journal - Cardiovascular Imaging, Volume 24, Issue Supplement_1, June 2023, DOI: 10.1093/ehjci/jead119.238. ISSN: 2047-2404. EACVI Congress, Barcelona, 10-12 mai 2023
 10. O Robu, **E Blindu**, I Dojana, D Iancu, T Benedek. Optical coherence tomography: an essential tool in the diagnosis and treatment of coronary artery disease?. Acta Marisiensis Seria Medica. 2023, Volume 69, Supplement 2. ISSN: 2668-7755. CordX, Târgu Mureș, 26-28 mai 2023
 11. O Furtună, C Pântea, **E Blindu**, T Benedek. Pushing the limits of cardiac care: clinical insights from a patient defibrillated 120 times for cardiac arrest due to arrhythmic storm. Acta Marisiensis Seria Medica. 2023, Volume 69, Supplement 1. ISSN: 2668-7755. Marisiensis, Târgu Mureș, 17-21 mai 2023

12. C Pântea, O Furtună, **E Blindu**, T Benedek. Acute myocardial infarction in a patient with coronary artery anomaly – a case report. Acta Marisiensis Seria Medica. 2023, Volume 69, Supplement 1. ISSN: 2668-7755. Marisiensis, Târgu Mureș, 17-21 mai 2023
13. M Hort, **E Blindu**, T Benedek. The correlation between the level of inflammation in coronary arteries and the coronary artery calcium score in the evaluation of cardiovascular risk. Acta Marisiensis Seria Medica. 2023, Volume 69, Supplement 1. ISSN: 2668-7755. Marisiensis, Târgu Mureș, 17-21 mai 2023