

**Articole in extenso publicate în reviste cotate ISI Thomson Reuters cu factor de impact**

1. Cernica D, Benedek I, Polexa S, Tolescu C, Benedek T. 3D Printing—A Cutting Edge Technology for Treating Post-Infarction Patients. *Life*. 2021; 11(9):910. <https://doi.org/10.3390/life11090910> FI: 3.81
2. Benedek A, Cernica D, Mester A, **Opincariu** D, Hodas R, Rodean I, Keri J, Benedek T. Modern Concepts in Regenerative Therapy for Ischemic Stroke: From Stem Cells for Promoting Angiogenesis to 3D- Bioprinted Scaffolds Customized via Carotid Shear Stress Analysis. *Int J Mol Sci*. 2019;20(10);2574. FI: 4.18

**Articole in extenso publicate în reviste cotate ISI fara factor de impact si BDI**

1. Stănescu. A., Cernica. D., Benedek. T., Benedek.I., (2021). Hybrid Imaging to Assess the Impact of Vulnerable Plaque on Post Myocardial Infarction Myocardial Scar. *Journal of Interdisciplinary Medicine*. 6. 92-99. 10.2478/jim-2021-0014.
2. Opincariu.D., Cernica. D., (2021). Site-specific Phenotype of Atherosclerotic Lesions According to Their Location Within the Coronary Tree – a CCTA-based Study of Vulnerable Plaques. *Journal Of Cardiovascular Emergencies*. 7. 39-46. 10.2478/jce-2021-0010.
3. Márton. E., Cernica. D., Benedek. I., (2021). Cardiovascular Imaging Techniques for Detection of Vulnerable Plaques. *Journal of Interdisciplinary Medicine*. 6. 21-26. 10.2478/jim-2021-0008.
4. Emanuel. B., Cernica. D., Benedek. I., (2020). Cessation of Renin-Angiotensin System Antagonists During the SARS-CoV-2 Pandemic – Do We Have the Evidence?. *Journal of Interdisciplinary Medicine*. 5. 105-109. 10.2478/jim-2020-0022.
5. Mitra. N., Cernica. D., Benedek.I., (2019). Noninvasive Imaging Biomarkers of Vulnerable Coronary Plaques – a Clinical Update. *Journal of Interdisciplinary Medicine*. 4. 136-140. 10.2478/jim-2019-0021.
6. Cernica. D., Benedek. T., (2017). Actual Dose-Reduction Strategies in Cardiac Computed Tomography. *Journal of Interdisciplinary Medicine*. 2. 10.1515/jim-2017-0062.
7. Rodean. I., Cernica. D., Benedek. I., (2017). Spontaneous Coronary Artery Dissection as a Cause of Acute Coronary Syndrome in a Young Male Patient with

- Multiple Cardiovascular Comorbidities. *Journal of Interdisciplinary Medicine*. 2. 10.1515/jim-2017-0064.
8. Beganu. E., Cernica. D., Benedek. I., (2017). The Role of Coronary Computed Tomography Angiography and Cardiac Magnetic Resonance in STEMI Patients with Normal Coronary Angiography. *Journal of Interdisciplinary Medicine*. 2. 10.1515/jim-2017-0069.
  9. Cernica. D., Benedek. I., (2017). Multiple Coronary Chamber Microfistulas or Persistent Thebesian Vessels?. *Journal of Interdisciplinary Medicine*. 2. 10.1515/jim-2017-0061.
  10. Himcinschi. E., Cernica. D., (2017). Myocardial Infarction Complicated with Ventricular Rupture and Pseudo-Aneurysm Formation. *Journal of Interdisciplinary Medicine*. 2. 10.1515/jim-2017-0066.
  11. Beganu. E., Cernica. D., (2017). Acute Thrombotic Coronary Occlusion in a Patient with Coronary Artery Anomaly. *Journal of Interdisciplinary Medicine*. 2. 10.1515/jim-2017-0070.
  12. Opincariu. D., Cernica. D., Benedek. T., Benedek I., (2017). High-Risk Coronary Plaques Complicated with Acute Coronary Syndrome in Young Patients. *Journal of Interdisciplinary Medicine*. 2. 10.1515/jim-2017-0050.
  13. Rodean. I., Cernica D., (2017). Intracoronary Imaging in the Management of a Complex and Recurrent Acute Coronary Syndrome Associated With Multiple Comorbidities. A Case Report. *Journal Of Cardiovascular Emergencies*. 3. 10.1515/jce-2017-0010.
  14. Nyulas T., Cernica D., Benedek I., (2017). Positive Remodeling as a Biomarker of Plaque Vulnerability — at the Border Between Invasive and Noninvasive Assessment. *Journal of Interdisciplinary Medicine*. 2. 10.1515/jim-2017-0021.
  15. Kovács I., Cernica D., (2017). Case report. Multiple Mediastinal Arteriovenous Fistulas in a Patient with Myocardial Ischemia Symptoms and Tachy-Brady Arrhythmias. *Journal Of Cardiovascular Emergencies*. 3. 10.1515/jce-2017-0007.
  16. Matei C., Cernica D., (2017). Original research. Regional Wall Motion Abnormalities and Ventricular Function in Acute Peri-Myocarditis. *Journal Of Cardiovascular Emergencies*. 3. 10.1515/jce-2017-0004.
  17. Benedek, T., Ferent, I., Benedek, A., Cernica, D., Niță, C., Puiu, A., Itu, L., Rapaka, S., Puneet, S., & Benedek, I. (2020). P1434 Evolution of coronary wall shear stress

following implantation of bioabsorbable vascular scaffolds - first results of a 1-year follow-up pilot study. *European Journal of Echocardiography*, 21.

18. Cernica, D., Ferent, I., Mester, A., Opincariu, D., Hodaş, R., Rodean, I., Chiţu, M., Benedek, T., & Benedek, I. (2020). P1823 Feasibility of CCTA in assessment of luminal changes and coronary shear stress evolution after implantation of bioresorbable vascular scaffolds. *European Journal of Echocardiography*, 21.
19. Mester, A., Benedek, T., Opincariu, D., Benedek, A., Raţiu, M., Hodaş, R., Cernica, D., Kovács, I., Raţ, N., Chiţu, M., & Benedek, I. (2020). P1437 Integrated ST segment elevation score as a new predictor of the myocardial scar extent determined with LGE-CMR at 1-month follow-up after STEMI. *European Journal of Echocardiography*, 21.
20. Opincariu, D., Raţ, N., Mester, A., Hodaş, R., Cernica, D., Păsăroiu, D., Raţiu, M., Chiţu, M., Kovács, I., Benedek, I., & Benedek, T. (2020). P360 Site specific phenotype of atherosclerotic lesions according to plaque location within the coronary tree, a CCTA based study. *European Journal of Echocardiography*, 21.
21. Raţ, N., Opincariu, D., Hodaş, R., Raţiu, M., Mester, A., Chiţu, M., Kovács, I., Cernica, D., Parajkó, Z., Benedek, I., & Benedek, T. (2020). P821 Influence of periplaque fat on coronary plaque vulnerability, a comparative analysis between atherosclerotic lesions located in the right versus left coronary arteries. *European Heart Journal - Cardiovascular Imaging*.