

**Conducător doctorat: Prof.univ.dr. Maria Pușchiță**  
**Medicină internă - 6 locuri**

**TEMATICĂ:**

1. Torsiunea miocardică ( paradigme noi asupra mecanicii cardiace )
2. Suțțiunea miocardicăși impactul acesteia în diferitele patologii cardiace primare și secundare
3. Rolul rezonanței magnetice nucleare în cuantificarea LGE a cardiomiopatiilor
4. Disfuncția endotelială și bolile cardiovasculare în COVID-19 (mecanisme fiziopatologice)
5. Evaluarea clinica si paraclinica a patologiei interstițiale post COVID-19
6. TETRANECTIN (CLEC3B) un nou biomarker in diagnosticul insuficienței cardiace (asociat cu fibroza cardiacă)

**BIBLIOGRAFIE TEMA 1-4**

1. Left Ventricular Twist and Torsion - Research Observations and Clinical Applications, Alaa Mabrouk Salem Omar, Sharath Vallabhajosyula, Partho P. Sengupta, 2015 <https://doi.org/10.1161/CIRCIMAGING.115.003029> Circulation: Cardiovascular Imaging. 2015;8
2. Kinova E, Spasova N, Borizanova A, Goudev A: Torsion Mechanics as an Indicator of More Advanced Left Ventricular Systolic Dysfunction in Secondary Mitral Regurgitation in PatientswithDilatedCardiomyopathy: A 2D Speckle-TrackingAnalysis. Cardiology 2018;139:187-196. doi: 10.1159/000485967
3. <https://www.escardio.org/Guidelines/Recommended-Reading/Cardiovascular-Imaging/Echocardiography/Torsion-Twist> (toate articolele anexate acestei pagini web)
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7. 3-Dimensional Echocardiography-Roberto M. Lang, Karima Addetia, Akhil Narang, Victor Mor-Avi-J Am CollCardiolImg. 2018 Dec, 11 (12) 1854-1878.
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9. COVID-19 Illness and Heart Failure-Mandeep R. Mehra, Frank Ruschitzka.J Am CollCardiol HF. 2020 Jun, 8 (6) 512-514.
10. Ferrari R, Di Pasquale G, Rapezzi C. Commentary: What is the relationship between Covid-19 and cardiovascular disease? Int J Cardiol. 2020;310:167-168. doi:10.1016/j.ijcard.2020.03.074

## BIBLIOGRAFIE TEMA 5

11. GHID DE DIAGNOSTIC SI TRATAMENT AL PNEUMOPATIILOR INTERSTITIALE, Societatea Română de Pneumologie Grupul de Lucru pentru Pneumopatii Interstitiale Difuze Sarcoidoză, Bucuresti 2015

## BIBLIOGRAFIE TEMA 6

12. Tetranectin as a Potential Biomarker for Stable Coronary Artery Disease. Scientific **Reports** | 5:17632 | DOI: 10.1038/srep17632, [www.nature.com/scientificreports/](http://www.nature.com/scientificreports/)
13. Inverse changes in plasma tetranectin and titin levels in patients with type 2 diabetes mellitus: a potential predictor of acute myocardial infarction? *Acta Pharmacologica Sinica* 2018: 1–11 © 2018 CPS and SIMM All rights reserved 1671-4083/18 [www.nature.com/aps](http://www.nature.com/aps)