

PERSONAL INFORMATION

Mihai-Andrei Lazar

 Victor Babes University of Medicine and Pharmacy  
Eftimie Street No. 2 Murgu, 300041 Timisoara, Romania

 lazar.mihai@umft.ro

EXPERIENCE  
PROFESSIONAL

21.11.2024- present Primary Physician CARDIOLOGY

01/01/2019 – 21.11.2024 Cardiology Specialist

01/10/2018 – present University Assistant, Cardiology II Discipline, CARDIOLOGY VI  
Department, “Victor Babes” University of Medicine and Pharmacy, Timisoara

01/01/2014–31/12/2018 Resident Physician CARDIOLOGY  
Institute of Cardiovascular Diseases, Timisoara

EDUCATION AND TRAINING

01/06//2019-14/06/2019 Transesophageal ultrasound course  
Timisoara Institute of Cardiovascular Diseases

09/2020-06/2022 **Postgraduate Program in Psychopedagogical Training,**  
University of Agricultural Sciences and Veterinary Medicine, Timișoara

2024 **Doctor of Medicine**  
"Victor Babes" University of Medicine and Pharmacy, Timisoara (Romania)  
Research topic: The role of speckle tracking echocardiography in the evaluation of early and late ventricular remodeling, respectively the prognosis of patients with acute myocardial infarction.

01/10/2007–30/06/2013

"Victor Babes" University of Medicine and Pharmacy, Timisoara (Romania) I graduated with a grade point average of 9.77. I passed the bachelor's exam with a grade point average of 10.

15/09/2003–15/06/2007

"Decebal" National College Deva

**PERSONAL COMPETENCES**

Mother tongue

ENGLISH

Other known foreign languages

	UNDERSTANDING		SPEAKING		WRITING
	Obedience	Reading	Participation in conversation	Oral speech	
English	C1	C1	B2	B2	B2
French	B2	B2	B2	B2	B2

Levels: A1 and A2: Elementary user - B1 and B2: Independent user - C1 and C2: Proficient user Common European Framework of Reference for Languages

Organizational/ managerial skills

Team spirit, good organizational skills

Skills acquired at work

- Competence in general echocardiography (2018)

Digital skills

SELF				
Processing information	Communication	Creation of content	Security	Solving the problems
User experienced	User experienced	Basic user Basic user Basic user		

Digital skills - Self-assessment grid

Driving license

B

## ADDITIONAL INFORMATION

## Publications

- Lazar MA, Ionac I, Luca CT, Petrescu L, Vacarescu C, Crisan S, Gaita D, Cozma D, Sosdean R, Arnautu DA, Cozlac AR, Luca SA, Gurgu A, Totorean C, Mornos C. Reduced Left Ventricular Twist Early after Acute ST-Segment Elevation Myocardial Infarction as a Predictor of Left Ventricular Adverse Remodelling. *Diagnostics (Basel)*. 2023 Sep 9;13(18):2896.
- A case of CRT super-responder using fusion pacing without right ventricular lead: a 5 year follow-up. Cristina Văcărescu, Lucian Petrescu, Emilia-Violeta Goantă, Simina Crisan, Cristian Mornos, Mihai Andrei Lazar, Oana Patru, Dragos Cozma. *Romanian Journal of Cardiology*, Vol. 26, ISSN: 1583-2996, No. 2/2016, Pag 176-180
- Ionac I, Lazăr MA, Șoșdean R, Văcărescu C, Simonescu M, Luca CT, Mornoș C. Considering Both GLS and MD for a Prognostic Value in Non-ST-Segment Elevated Acute Coronary Artery Syndrome. *Diagnostics (Basel)*. 2023 Feb 16;13(4):745. doi: 10.3390/diagnostics13040745. PMID: 36832233; PMCID: PMC9955699.
- Rus AA, Lazar MA, Negrea R, Cozlac AR, Vacarescu C, Sosdean R, Luca SA, Gaita D, Mornos C. Short-Term Changes in Weather Conditions and the Risk of Acute Coronary Syndrome Hospitalization with and without ST-Segment Elevation: A Focus on Vulnerable Subgroups. *Medicina (Kaunas)*. 2024 Mar 9;60(3):454. doi: 10.3390/medicina60030454. PMID: 38541180; PMCID: PMC10972014.
- Frișan AC, Mornoș C, Lazăr MA, Șoșdean R, Crisan S, Ionac I, Luca CT. Echocardiographic Myocardial Work: A Novel Method to Assess Left Ventricular Function in Patients with Coronary Artery Disease and Diabetes Mellitus. *Medicine (Kaunas)*. 2024 Jan 24;60(2):199. doi: 10.3390/medicina60020199. PMID: 38399487;
- Frișan, A.-C.; Simonescu, M.; Lazar, M.-A.; Crisan, S.; Mornoș, A.; Sosdean, R.; Morar, A.-R.; Brie, D.-M.; Luca, C.-T.; Mornoș, C. Prognostic Significance of Left Ventricular Global Work Efficiency in Obese Patients with Acute ST-Segment Elevation Myocardial Infarction—A Pilot Study. *Diagnostics* 2025, 15, 1512.
- Frișan, A.-C.; Lazar, M.-A.; Coifan, R.; Crisan, S.; Brie, D.-M.; Luca, S.A.; Ionac, A.; Mornoș, C. Integrative Assessment of Left Ventricular Myocardial Work: Prognostic Utility and Clinical Application Across Cardiovascular Pathologies. *J. Clin. Med.* 2026, 15, 1311. <https://doi.org/10.3390/jcm15031311>
- Coifan, R.; Mircea, M.; Pescariu, A.S.; Voinescu, O.; Enache, B.; Pascalau, L.; Lazăr, M.-A.; Golet, I.; Sturza, A.; Luca, C.T. et al. Mitral Valve Abnormalities as Predictors of Procedural Success in

Alcohol Septal Ablation: A Pilot Study. *J. Clin. Med.* 2026, 15, 1031.

<https://doi.org/10.3390/jcm15021031>

- Luca, S.A.; Faur-Grigori, A.A.; Văcărescu, C.; Cozma, D.; Crișan, S.; Gaiță, D.; Lazar, M.-A.; Luca, C.-T. Reconsidering Digoxin in Atrial Fibrillation: From Historical Controversy to Physiologically Guided and Personalized Rate Control. *Biomedicines* 2025, 13, 3098. <https://doi.org/10.3390/biomedicines13123098>
- Zus, A.S.; Crișan, S.; Luca, S.; Nișulescu, D.; Valcovici, M.-D.; Pătru, O.; Lazar, M.-A.; Văcărescu, C.; Gaiță, D.; Luca, C.-T. Retrospective Analysis of Angiographic Radial Arterv Spasm Predictors. *Life* 2025, 15, 1759. <https://doi.org/10.3390/life15111759>
- Frișan, A.-C.; Lazar, M.-A.; Sosdean, R.; Simonescu, M.; Brie, D.-M.; Mornoș, A.; Luca, S.A.; Ionac, I.; Mornoș, C. Myocardial Work Analysis in ST-Elevation Myocardial Infarction: Insights into Left Ventricular Ejection Fraction—A Pilot Study. *Life* 2025, 15, 338.
- Cozlac AR, Streian CG, Boca MI, Crisan S, Lazar MA, Virtosu MD, Ionac A, Staicu RE, Dugaci DC, Emandi-Chirita A, Lascu A, Gaita D, Luca CT. A Dual Challenge: Coxiella burnetii Endocarditis in a Patient with Familial Thoracic Aortic Aneurysm-Case Report and Literature Review. *J Clin Med.* 2024 Nov 26;13(23):7155. two: 10.3390/jc
- Reduced ejection fraction heart failure—new data from multicenter studies and national registries regarding general and elderly populations: hopes and disappointments. S Crișan, L Petrescu, MA Lazăr, C Văcărescu, AR Nicola, D Cozma, *Clinical interventions in aging*, 2018; 13: 651–656. <https://dx.doi.org/10.2147%>
- Antithrombotic treatment in acute coronary syndrome in elderly patients. Simina Crișan, Cristina Văcărescu, Alina-Ramona Nicola, Mihai Andrei Lazar, Dragoș Cozma, Rodica Dan, Lucian Petrescu. *Romanian Journal of Cardiology*, Vol. 26, ISSN: 1583-2996, No. 3/2016, Pag 269- 274
- Giant left atrium opening a new window to the heart. Dragos Cozma, Cristina Văcărescu, Simina Crisan, Emilia-Violeta Goanță, Mihai Andrei Lazar, Lucian Petrescu. *Romanian Journal of Cardiology*, Vol. 26, ISSN: 1583-2996, No. 3/2016, Pag 334-335.
- Impending Aortic Rupture in a Patient with Syphilitic Aortitis. Cocora M, Nechifor D, Lazar MA, Mornos A *Vasc Health Risk Manag.* 2021 May 25;17:255-258. two: 10.2147/VHRM.S289455. PMID: 34079272; PMCID: PMC8164716.
- "The Relationship Between Type D Personality and the Complexity of Coronary Artery Disease." Enatescu, Virgil Radu et al. *Neuropsychiatric disease and treatment* vol. 17 809- 820. 18 Mar. 2021, doi:10.2147/NDT.S303644
- "The Incremental Prognostic Value of E/(e's') Ratio in Non-ST-Segment Elevated Acute Coronary Syndrome." Ionac, Ioana et al. *Diagnostics (Basel, Switzerland)* vol. 11,8 1337. 26 Jul. 2021, doi:10.3390/diagnostics11081337
- Cristina Vacarescu, Dragos Cozma, Lucian Petrescu, Simona Dragan, Cristian Mornos, Simina Crișan, Hanna Faur, Mihai Andrei Lazar, Ramona Alina Cozma, Constantin Tudora

Luke. Exercise test is essential in LV only fusion CRT pacing without RV lead.  
doi: 10.3390/ijerph14020257. PMID: 26314707

▪ Bordejevic DA, Pârvănescu T, Petrescu L, Mornoș C, Olariu I, Crișan S, Văcărescu C, Lazar M, Morariu VI, Citu IM, Tomescu MC, Cozma D. Left Ventricular Remodeling Risk Predicted by Two-Dimensional Speckle Tracking Echocardiography in Acute Myocardial Infarction Patients with Midrange or Preserved Ejection Fraction in Western Romania. *Ther Clin Risk Manag*. 2021 Mar 23;17:249-258. doi: 10.3390/ther17020257

▪ Luca CT, Crisan S, Cozma D, Negru A, Lazar MA, Vacarescu C, Trofenciuc M, Rachieru C, Craciun LM, Gaita D, Petrescu L, Mischie A, Iurciuc S. Arterial Hypertension: Individual Therapeutic Approaches-From DNA Sequencing to Gender Differentiation and New Therapeutic Targets. *Pharmaceutics*. 2021 Jun 9;13(6):856. doi: 10.3390/pharmaceutics13060856. PMID: 34207606; PMCID: PMC8229802.

▪ Cozlac AR, Petrescu L, Crisan S, Luca CT, Vacarescu C, Streian CG, Lazar MA, Gurgu A, Dragomir A, Goanta EV, Vatasescu R, Chahine KM, Rachieru C, Cozma D. A Novel and Simple Exercise Test Parameter to Assess Responsiveness to Cardiac Resynchronization Therapy. *Diagnostics (Basel)*. 2020 Nov 9;10(11):E920. doi: 10.3390/diagnostics10110920. PMID: 33182381.

Affiliations ▪ Member of the Romanian Society of Cardiology

▪ Member of the European Society of Cardiology and the Young Cardiologist of Tomorrow Organization

▪ Member of the European Association of Cardiovascular Imaging - EACVI

Feb, 2026

