



Alexandra-Catalina Frisan

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● WORK EXPERIENCE

01/02/2026 - CURRENT - TIMISOARA, ROMANIA

CARDIOLOGY SPECIALIST

01/02/2020 - 31/01/2026 - TIMISOARA, ROMANIA

RESIDENT DOCTOR INSTITUTE OF CARDIOVASCULAR DISEASES TIMISOARA

Cardiology

● EDUCATION & TRAINING

14/04/2026 - Current

ROMANIAN NATIONAL CERTIFICATION PROGRAMME IN TRANSESOPHAGEAL ECHOCARDIOGRAPHY- INSTITUTE OF CARDIOVASCULAR DISEASES TIMISOARA, ROMANIA

17/06/2025

EUROPEAN EXAMINATION IN CORE CARDIOLOGY - PASSED, 2025- EUROPEAN SOCIETY OF CARDIOLOGY

02/10/2023 - Current - TIMISOARA, ROMANIA

PHD STUDENT- UNIVERSITY OF MEDICINE AND FARMACY "VICTOR BABES"

22/09/2013 - 01/07/2019 - TIMISOARA, ROMANIA

MEDICAL DOCTOR- UNIVERSITY OF MEDICINE AND FARMACY "VICTOR BABES"

30/07/2018 - 15/08/2018 - BARCELONA, SPAIN

SUMMER INTERNSHIP- HOSPITAL UNIVERSITARI SAGRAT COR- CARDIOLOGY DEPARTMENT

13/09/2009 - 14/06/2013 - PECICA, ROMANIA

BACCALAUREATE DIPLOMA- "GHEORGHE LAZĂR" THEORETICAL HIGH SCHOOL

Mathematics and Computer Science – Intensive English

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken production Spoken interaction

ENGLISH	B2	B2	B2	B2	B2
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● **SKILLS**

Driving licence B

● **PUBLICATIONS**

Global myocardial work efficiency provides incremental prognostic value in STEMI patients undergoing PCI

Frişan AC, Coifan R, Lazăr MA, Voinescu O, Brie DM, Tîrziu A, Pescariu AS, Cozma DC, Luca SA, Mornoş C. Romanian Journal of Cardiology 2026, Vol. 36, Issue 2.

Integrative Assessment of Left Ventricular Myocardial Work: Prognostic Utility and Clinical Application Across Cardiovascular Pathologies

Frişan AC, Lazăr MA, Coifan R, Crişan S, Brie DM, Luca SA, Ionac A, Mornoş C. Journal of Clinical Medicine 2026, Vol. 15, Issue 3, 1311.

Combined assessment of mechanical dispersion and global wasted work enhances risk prediction in acute ST-segment elevation myocardial infarction patients

Frişan AC, Lazăr MA, Luca SA, Mornoş A, Morar AR, Mornoş C. European Heart Journal - Cardiovascular Imaging 2026, Vol. 27, Issue Supplement_1, jeaf367.033.

Prognostic Significance of Left Ventricular Global Work Efficiency in Obese Patients with Acute ST-Segment Elevation Myocardial Infarction—A Pilot Study

Frişan AC, Simonescu M, Lazăr M, Crişan S, Mornoş A, Şoşdean S, Morar A, Brie DM, Luca CT, Mornoş C. Diagnostics 2025, Vol. 15, Issue 12, 1512.

Myocardial Work Analysis in ST-Elevation Myocardial Infarction: Insights into Left Ventricular Ejection Fraction—A Pilot Study

Frişan AC, Lazăr MA, Şoşdean R, Simonescu M, Brie DM, Mornoş A, Luca SA, Ionac I, Mornoş C. Life 2025, Vol. 15, Issue 3, 338.

Assessing the prognostic significance of myocardial work in ST-elevation myocardial infarction: a focus on left ventricular ejection fraction subgroups.

Frişan AC, Lazăr MA, Şoşdean R, Simonescu M, Vacarescu, C, Ionac I, Luca SA, Pescariu AS, Brie MD, Mornoş C. European Journal of Heart Failure 2025, Vol. 27, Issue Suppl. S2, 3–542.

Myocardial work indexes as independent predictors for cancer treatment-related cardiac dysfunction in anthracycline treated patients

Meche V, Brie D, Frişan AC, Nişulescu D, Simonescu M, Mornoş A, Merce A, Şoşdean R, Mornoş C. European Heart Journal Supplements 2025, Vol. 26, Issue Supplement_6, suaf083.199.

Echocardiographic Myocardial Work: A Novel Method to Assess Left Ventricular Function in Patients with Coronary Artery Disease and Diabetes Mellitus

Frişan AC, Mornoş C, Lazăr MA, Şoşdean R, Crişan S, Ionac I, Luca CT. Medicina 2024, Vol. 60, Issue 2, 199.

Seasonal Variation in Short-Term Ambient Air Pollutants and ST-Elevation Myocardial Infarction Admissions: An Innovative Exploration of Air Pollution's Health Consequences

Rus AA, Şoşdean R, Lazăr MA, Simonescu M, Luca SA, Dima CN, Frişan AC, Gaiţă D, Mornoş C. Atmosphere 2024, Vol. 15, Issue 5, 590.

● **CONFERENCES & SEMINARS**

13/12/2025 Vienna, Austria

EACVI Congress Presenter of the abstract: Combined assessment of mechanical dispersion and global wasted work enhances risk prediction in acute ST-segment elevation myocardial infarction patients

Link <https://esc365.escardio.org/EACVI-Congress/speakers/746916>

19/05/2025 Belgrade, Serbia

Heart Failure Congress Presenter of the abstract: Assessing the prognostic significance of myocardial work in ST-elevation myocardial infarction: a focus on left ventricular ejection fraction subgroups

Link <https://esc365.escardio.org/Heart-Failure/speakers/746916>

20/09/2025 Sinaia, Romania

National Congress of Cardiology Poster: Acute myocardial infarction in the context of coronary artery aneurysm thrombosis: case report and therapeutic challenges

Link <https://www.congrescardiologie.ro/sesiuni-postere/>

19/09/2024 Sinaia, Romania

National Congress of Cardiology Poster: Acute Myocardial Infarction as a Rare Presentation of Infective Endocarditis: Case Study and Diagnostic Dilemmas

Link <https://www.congrescardiologie.ro/editia-2024/>

● HONOURS AND AWARDS

29/05/2026 New Frontiers in Cardiovascular Research, Timisoara, Romania

A Simple Risk Score Combining Myocardial Work and Coronary Anatomy for Risk Stratification After STEMI - Young Investigator Award

● VOLUNTEERING

18/09/2016 - 30/06/2019 University of Medicine and Pharmacy "Victor Babes" Timisoara

Volunteering in Academic Development Activities (VADA) Tutor for physiopathology laboratory sessions

● AFFILIATIONS

Romanian Society of Cardiology

Link <https://www.cardiportal.ro/>

European Association of Cardiovascular Imaging

Link <https://www.escardio.org/communities/associations/eacvi/>