



## ADINA MARIA MARZA

**Nationality:** Romanian **Date of birth:** 7 Dec 1987 **Gender:** Female

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📍 **Work:** Eftimie Murgu square, no 2, 300041 TIMISOARA (Romania)

### WORK EXPERIENCE

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🏢 **Emergency Medicine Discipline, "Victor Babes" University of Medicine and Pharmacy from Timisoara – TIMISOARA, Romania**

#### Assistant professor

[ 17 Oct 2017 – Current ]

🏢 **Emergency Department, Emergency Clinical Municipal Hospital – TIMISOARA, Romania**

#### Emergency medicine physician

[ 16 Apr 2020 – Current ]

🏢 **Emergency Department, "Pius Brinzeu" Emergency Clinical County Hospital – TIMISOARA, Romania**

#### Emergency medicine resident

[ 1 Jan 2013 – 30 Nov 2019 ]

### EDUCATION AND TRAINING

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#### Medical Doctor

**„Victor Babeş” University of Medicine and Pharmacy from Timisoara** [ 1 Oct 2006 – 30 Sep 2012 ]

City: TIMISOARA | Country: Romania | Website: <https://www.umft.ro/en/acasa-english/>

#### PhD

**„Victor Babeş” University of Medicine and Pharmacy from Timisoara** [ 1 Oct 2017 – 30 Sep 2022 ]

City: Timisoara | Country: Romania | Website: <https://www.umft.ro/en/acasa-english/>

#### Trainer Course

**Alsting Servicii** [ 7 Nov 2018 – 15 Dec 2018 ]

City: Alba Iulia | Country: Romania | Website: <https://www.alsting.ro/alsting-servicii/>

#### Level I Postgraduate Psychopedagogy Training Program

**Universitatea de Vest Timisoara** [ 1 Oct 2019 – 21 Feb 2020 ]

City: Timisoara | Country: Romania | Website: <https://www.uvt.ro/en/>

#### Level II Postgraduate Psychopedagogy Training Program

**Universitatea de Vest Timisoara** [ 24 Feb 2020 – 20 Jul 2020 ]

City: Timisoara | Country: Romania | Website: <https://www.uvt.ro/en/>

#### Advanced Life Support Course - Provider and Instructor Potential

**European Resuscitation Council: Niel, BE** [ 16 Feb 2022 – 17 Feb 2022 ]

City: Targu-Mures | Country: Romania | Website: <http://www.erc.edu>

## Generic Instructor Course

*European Resuscitation Council: Niel, BE* [ 6 May 2022 – 7 May 2022 ]

City: Cluj-Napoca | Country: Romania | Website: <http://www.erc.edu>

## Advanced Life Support Course Instructor

*European Resuscitation Council: Niel, BE* [ 9 Dec 2022 – Current ]

City: Oradea | Country: Romania | Website: <http://www.erc.edu>

## European Trauma Course Instructor Candidate

*European Resuscitation Council: Niel, BE* [ 8 Jun 2022 – Current ]

City: Targu-Mures | Country: Romania | Website: <http://www.erc.edu>

## BASIC ICU

*Fundatia pentru SMURD* [ 14 Mar 2024 – 15 Mar 2024 ]

City: Targu-Mures | Country: Romania | Website: <https://www.aic.cuhk.edu.hk/basic/country.php>

## Newborn Life Support Provider

*European Resuscitation Council: Niel, BE* [ 6 May 2025 – 6 May 2025 ]

City: Cluj Napoca | Country: Romania | Website: <https://www.erc.edu/courses/newborn-life-support>

## Advanced Life Support Course Director

*European Resuscitation Council: Niel, BE* [ 7 Nov 2025 – Current ]

City: Oradea | Country: Romania | Website: <http://www.erc.edu> | Field(s) of study: Education

## LANGUAGE SKILLS

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**Mother tongue(s):** Romanian

**Other language(s):**

**English**

**LISTENING C1 READING C1 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## SKILLS

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Microsoft Office ( Word , Excel and Power Point ) / Social Media / Google Drive / Zoom

## Communication and organization Skills

Organizational and planning skills / Good listener and communicator

## CONFERENCES AND SEMINARS

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[ 27 Sep 2025 – 30 Sep 2025 ] Wien, Austria

**EUSEM 2025: European Emergency Medicine Congress** Poster presenter - When air escapes: unexpected pneumomediastinum after a simple dental procedure

Link: <https://eusemcongress.org/>

[ 25 Sep 2025 – 27 Sep 2025 ] Timișoara, Romania

**International Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine 2025** Speaker• Between safety and fear: the paradox of defensive medicine• Ventilation during cardiac arrest

Moderator EM Section

Course Trainer• Essential clinical skills in Emergency Medicine and Intensive Care• Prehospital management of delivery and neonatal transition

Trainer• SimCup GPATI 2025

Link: <https://medcongresses.eventsair.com/ati-timisoara2025/>

[ 28 May 2025 – 31 May 2025 ] Oradea

**SARTISS 'Conferința Națională de Medicină de Urgență și Salvări în Situații Speciale SEARCH AND RESCUE'**

**2025** Speaker - Adrenaline, Errors & Lawyers: A Survival Guide for the ERCourseTrainer - Difficult Airway Management

Link: <https://sartiss.ro/home-2/conferinta/>

[ 13 Oct 2024 – 16 Oct 2024 ] Copenhagen, Denmark

**EUSEM 2024: European Emergency Medicine Congress**

Link: <https://eusemcongress.org/>

[ 26 Sep 2024 – 28 Oct 2024 ] Timisoara, Romania

**International Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine**

**2024** Moderator EM SectionGPATI-SIMCup Trainer

Link: <https://medcongresses.eventsair.com/ati-timisoara2024/>

[ 28 Sep 2023 – 30 Oct 2023 ] Timisoara, Romania

**International Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine**

**2023** Speaker - Spontaneous Pneumothorax in the ED: Lessons Learned After Three Years of Pandemic

Link: <https://ati2023.medical-congresses.ro/>

[ 17 Sep 2023 – 20 Sep 2023 ] Barcelona, Spain

**EUSEM 2023: European Emergency Medicine Congress** Poster presenter - Left Hemiplegia: Clinical Presentation For Spontaneous Internal Carotid Artery Dissection

Link: <https://eusem.org/component/rseventspro/event/162-eusem-2023-european-emergency-medicine-congress>

[ 15 Oct 2022 – 19 Oct 2022 ] Berlin, Germany

**EUSEM 2022: European Emergency Medicine Congress**

Link: <https://eusem.org/congress/congress-2022>

[ 27 Oct 2021 – 31 Oct 2021 ] Lisbon, Portugal

**EUSEM 2021: European Emergency Medicine Congress** Poster presenter:

1. Case report: pericardiocentesis in cardiac arrest – a continuous challenge for the emergency physician
2. Case report: ST Depression In Anaphylaxis. Who Should We Blame : Hypotension Or Intravenous Adrenaline Bolus?

Link: <https://eusem.org/component/rseventspro/event/109-european-emergency-medicine-congress-2021>

[ 30 Mar 2021 – 4 Apr 2021 ] Virtual

**IASI ARRHYTHMIA FORUM 2021**

Link: <https://2021.iasi-arrhythmia.ro/>

[ 8 Oct 2020 – 10 Oct 2020 ] Iasi, Romania

**A VIII-a Conferință Națională a Societății de Medicină de Urgență și Catastrofă din România** Speaker -The incidence of life-threatening headaches in the Emergency Department

Link: <https://eventer.ro/proiect/a-viii-a-conferinta-nationala-a-societatii-de-medicina-de-urgenta-si-catastrofa-din-romania/>

virtual

**International Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine 2020**

Link: <https://ati2020.medical-congresses.ro/congres-2020/index.html>

[ 19 Sep 2020 – 22 Sep 2020 ] Virtual

**EUSEM : European Emergency Medicine Congress 2020** Poster presenter

1. Evolution of an atypical case of malaria in Romania
2. Early diagnosis in elderly patients with posterior circulation stroke. A challenge for emergency physicians

Link: <https://eusem.org/past-congresses/2020>

[ 26 Sep 2019 – 28 Sep 2019 ] Timisoara, Romania

**International Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine 2019**

Link: <https://www.medical-congresses.ro/arhiva-programe-gpati-2016-2022/>

[ 8 Sep 2018 – 12 Sep 2018 ] Glasgow, Scotland

**EUSEM 2018: European Emergency Medicine Congress**

Link: <https://eusem.org/past-congresses/2018>

Cluj-Napoca, Romania

**CIMU - Congresul Interdisciplinar de Medicină de Urgență 2018**

Link: <https://cimu.ro/>

[ 10 Oct 2015 – 14 Oct 2015 ] Torino, Italy

**EUSEM 2015: European Emergency Medicine Congress**

Link: <https://eusem.org/past-congresses/2015>

[ 2015 ] Oradea, Romania

**SARTISS 'Conferința Națională de Medicină de Urgență și Salvări în Situații Speciale SEARCH AND RESCUE' 2015**

Link: <https://sartiss.ro/home-2/conferinta/>

[ Sep 2014 – Sep 2014 ] Timisoara, Romania

**International Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine 2014** Speaker - The relevance of clinical, biological, and echocardiographic criteria in assessing the risk of mortality in patients with pulmonary embolism

Link: <https://www.medical-congresses.ro/arhiva-programe-gpati-2016-2022/>

Cluj-Napoca, Romania

**CIMU - Congresul Interdisciplinar de Medicină de Urgență 2014**

Link: <https://cimu.ro/>

[ 2014 ] Oradea, Romania

## SARTISS 'Conferința Națională de Medicină de Urgență și Salvări în Situații Speciale SEARCH AND RESCUE' 2014

Link: <https://sartiss.ro/home-2/conferinta/>

[ 2014 ] Timisoara, Romania

**MEDIS 2014 – The XVIII International Congress for Medical Students and Young Doctors** Speaker - Burnout Syndrome: A Reality in Emergency Medicine

Link: <https://www.umft.ro/event/medis-international-medical-congress-for-students-and-young-doctors-of-timisoara-the-24th-edition/>

[ Sep 2013 – Sep 2013 ] Timisoara, Romania

**International Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine 2013**

Link: <https://www.medical-congresses.ro/arhiva-programe-gpati-2016-2022/>

[ 8 Sep 2013 – 11 Sep 2013 ] Marseille, France

**EUSEM 2013: European Emergency Medicine Congress**

Link: <https://eusem.org/past-congresses/2013>

## PUBLICATIONS

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[2026]

**[Predicting Mortality in Pulmonary Embolism: A Machine Learning Approach with External Validation in COVID-19 Patients](#)**

Authors: Corresponding author

Link: <https://www.mdpi.com/3739264>

[2025]

**[Artificial intelligence in emergency department triage: perspective of human professionals](#)**

Authors: Co-author

Link: <https://www.frontiersin.org/journals/digital-health/articles/10.3389/fdgth.2025.1693060/full>

[2025]

**[Pulmonary Embolism in COVID-19: Trends from a Single-Center Study Across Ten Pandemic Waves in Romania](#)** Co-author

[2025]

**[Performance of GFAP and UCH-L1 for Early Acute Stroke Diagnosis in the Emergency Department](#)** Co-author

[2025]

**[Case Report: Spontaneous Pneumomediastinum and Pneumothorax Complicating Severe Ketoacidosis-An Unexpected Presentation](#)** Corresponding author

[2025]

**[Obesity as a Risk Factor for Hyperglycemia, Electrolyte Disturbances, and Acute Kidney Injury in the Emergency Department](#)**

Authors: Co-author

[2025]

**[The Impact of a One-Day Multidisciplinary Workshop on Medical Students' Self-Assessed Confidence, Knowledge, and Teamwork Skills: A Pre-Post Study](#)** Write here the description...

Authors: Co-author

[2024]  
[Residency training programs in anesthesiology, intensive care and emergency medicine: from curriculum to practice](#)

Co-author

[2024]  
[Lactate Profile Assessment—A Good Predictor of Prognosis in Patients with COVID-19 and Septic Shock Requiring Continuous Renal Therapy](#)

Co-author

[2024]  
[Risk Assessment of Venous Thromboembolism among Septic Shock Patients: Single versus Concurrent Insertion of Central Venous Catheters](#)

Corresponding Author

[2024]  
[Cardiac Arrest and Complete Heart Block: Complications after Electrical Cardioversion for Unstable Supraventricular Tachycardia in the Emergency Department](#)

First Author

[2023]  
[The Learning Experience of Romanian Medical Students During the Online Teaching Imposed by the COVID-19 Pandemic](#)

Co-author

[2023]  
[Non-Ventilated Patients with Spontaneous Pneumothorax or Pneumomediastinum Associated with COVID-19: Three-Year Debriefing across Five Pandemic Waves](#)

First Author

[2023]  
[Perioperative Analgesia and Patients' Satisfaction in Spinal Anesthesia for Cesarean Section: Fentanyl Versus Morphine](#)

Co-author

[2023]  
[Laboratory Findings and Clinical Outcomes of ICU-admitted COVID-19 Patients: A Retrospective Assessment of Particularities Identified among Romanian Minorities](#)

Co-author

[2022]  
[Beyond the Digital Competencies of Medical Students: Concerns over Integrating Data Science Basics into the Medical Curriculum](#)

Co-author

[2022]  
[Prognosis of Spontaneous Pneumothorax/Pneumomediastinum in Coronavirus Disease 2019: The CoBiF Score](#)

Co-author

[2022]

**[A Retrospective Assessment of Laboratory Findings and Cytokine Markers in Severe SARS-CoV-2 Infection among Patients of Roma Population](#)**

Co-author

[2022]

**[Risk Factors, Characteristics, and Outcome in Non-Ventilated Patients with Spontaneous Pneumothorax or Pneumomediastinum Associated with SARS-CoV-2 Infection](#)**

First Author

[2021]

**[Video 360-Degree in Medical Teaching: from Script to Education Deployment](#)**

Co-author

[2021]

**[Individual Characteristics as Prognostic Factors of the Evolution of Hospitalized COVID-19 Romanian Patients: A Comparative Observational Study between the First and Second Waves Based on Gaussian Graphical Models and Structural Equation Modeling](#)**

Co-author

[2021]

**[Case Report: Massive Spontaneous Pneumothorax—A Rare Form of Presentation for Severe COVID-19 Pneumonia](#)**

First Author

[2021]

**[Using 360-degree video for teaching emergency medicine during and beyond the COVID-19 pandemic](#)**

Co-author