

Mermiri Maria

Personal Information

Date of Birth: 12 November 1996
Place of Birth: Lamia, Greece
Nationality: Greek
Gender: Female
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Education

Sept, 2014 – July 2020 **MD, Medical School of Larissa, University of
Thessaly, Greece**
Diploma Grade: 8.32

Clinical Experience

November 19, 2020 – **Present** Anesthesiology Residency, Department of
Anesthesiology, **General University Hospital of
Larissa, Greece**

April – September 2024 Intensive Care Medicine rotation, Department of
Intensive Care Medicine, **General University
Hospital of Larissa, Greece**

Conferences and Courses

May 12 – May 14, 2016 “23th SCHMS & 13th International Forum”,
Larissa, Greece

October 6 – October 8 “Panhellenic Conference of Resuscitation of
Emergency Management”, Athens, Greece

September 30 – October 2 “Panhellenic Anesthesiology Conference”, Porto
Heli, Greece

May 25 – May 28 2024 Euroanaesthesia 2024

Licenses and Certifications

November – December 2023 “13th Regional Anaesthesia Seminar”, ESRA
Hellas

October 2023 “Advanced Airway Management”, Hellenic Society
of Anaesthesiology

June 2022 “Advanced Trauma Life Support”, American
College of Surgeons

May 28 – May 29, 2022 “European Pediatric Advanced Life Support”, ERC

May 13 – May 14, 2022 “Peripheral Nerve Blocks Seminar”, ESRA Hellas

April 9, 2022 “Generic Instructor Course”, ERC

November 6, 2021 “Advanced Life Support”, ERC

Teaching experience

January 2023 – Now Instructor, Basic Life Support and Automated External Defibrillator, certified by the European Resuscitation Council, trained more than 40 individuals

May 2023 – Now Instructor, Immediate Life Support, certified by the European Resuscitation Council, trained more than 30 individuals

November 2022 – Now Instructor, Advanced Life Support, certified by the European Resuscitation Council, trained more than 100 individuals.

Novemeber 2021 – Now Instructor, Basic Airway Management
Workshops, Department of Emergency Medicine, University
of Thessaly, trained more than 50 individuals

November 2021 – Now Instructor, Basic Life Support workshops,
Department of Emergency Medicine, University of Thessaly,
trained more than 50 individuals

October – November 2023 “Basic Life Support and Automated External
Defibrillator”, Anaesthesiology Core Rotation, Medical
School, University of Thessaly

February – September 2023 Instructor, “Emergency Medicine and
Resuscitation” program, Continuing Education and Lifelong
Learning Centre, University of Thessaly

May 2021 – May 2022 “Basic Life Support and Automated External Defibrillator”,
Msc “Primary Care”

Oct, 2021 – Jan, 2022 Instructor, “Emergency Nursing”, Faculty of
Nursing, School of Health Sciences, University of Thessaly,
Greece

Invited Talks

- June 17, 2023 “Training in Emergency Medicine and Resuscitation with Virtual Reality”, 1st Panhellenic Congress of the Greek Society of Emergency Medicine
- October 2021 “Critical Emergency Medicine: the solution for increasing survival in the Emergency Department?”, Panhellenic Conference of Resuscitation of Emergency Management
- November 2021 “Laparoscopic nephrectomy in a patient with Charcot – Marie – Tooth syndrome”, Resident Podium: Presentation of Interesting Cases
- October 2020 Pulmonology Days, Larissa, Greece
“Newer advances in Basic Life Support”

Oral Presentations

May 2023 “Perioperative management of a patient who underwent retroperitoneal tumor resection and aortic and inferior vena cava replacement”, 25th Panhellenic Anaesthesiology Congress

May 2023 “Knowledge and beliefs of fourth-year medicine students about organ donation” 25th Panhellenic Anaesthesiology Congress

October 2022 “Postoperative pulmonary embolism and epidural hematoma in a patient who underwent surgery for middle cerebral artery repair”, 10th Panhellenic Congress of Thrombosis and Antithrombotic Treatment

June 2022 “Remdesivir-induced bradycardia is not associated with poor outcome in patients with COVID-19: A retrospective cohort study”, 5th Panhellenic Emergency Medicine Conference

June 2022 “Umbilical hernial plastic repair under subarachnoid anesthesia in a patient with

Kartagener's syndrome: a case report",
Euroanaesthesia 2022

June 2022

"Preoperative anxiety in patients undergoing elective surgery during the fourth COVID-19 wave: a tertiary COVID-19 referral hospital experience", Euroanaesthesia 2022

June 2022

"Postoperative delirium in adult patients undergoing noncardiac surgery: data from a tertiary hospital", Euroanaesthesia 2022

May 2022

"The use of transdermal buprenorphine patch in patients with cancer: the experience of the Chronic Pain Clinic of the University Hospital of Larissa", 13th Panhellenic Algology Conference

May 2022

"The use of peripheral nerve blocks in the Chronic Pain Clinic of the University Hospital of Larissa, during the pandemic", 13th Panhellenic Algology Conference

May 2022

"The use of transdermal buprenorphine patch in a patient with Addison's disease

and chronic pain”, 13th Panhellenic Algology Conference

May 2022

“The results of implementing acupuncture in patients with chronic neck pain in the Chronic Pain Clinic of the University Hospital of Larissa”, 13th Panhellenic Algology Conference

May 2022

“Red Ear Syndrome after repeated inner ear infections: case report”, 13th Panhellenic Algology Conference

May 2022

“A combination of proinflammatory biomarkers in patients with severe COVID-19 disease: the use of novel biomarkers for risk assessment in patients with need for high flow nasal oxygen therapy”, 16th Congress of Anaesthesiology and Intensive Care Medicine, Anesthesiology and Intensive Care Society of North Greece

May 2022

“The impressions of fourth-year undergraduate medicine students about the educational environment during the COVID-

19 pandemic”, 16th Congress of
Anaesthesiology and Intensive Care
Medicine, Anesthesiology and Intensive
Care Society of North Greece

May 2022

“Perioperative anxiety in patients
undergoing elective surgery during the
fourth wave of the COVID-19 pandemic: the
experience of a tertiary reference centre”,
16th Congress of Anaesthesiology and
Intensive Care Medicine, Anesthesiology
and Intensive Care Society of North Greece

October 2021

“In-hospital cardiac arrest in intensive care
unit versus non-intensive care unit patients
with COVID-19. A systematic review and
meta-analysis”, Panhellenic Conference of
Resuscitation and Emergency Management

October 2021

“Post-intubation hypotension after induction
to general anesthesia: a retrospective
analysis of prospectively collected data”,
Panhellenic Conference of Resuscitation
and Emergency Management

June 2023	“Undergraduate 4 th year Greek medical students’ attitude and knowledge about blood donation, Euranesthesia 2023, Glasgow
June 2023	“Undergraduate 4 th year Greek medical students’ attitude and knowledge about organ donation, Euranesthesia 2023, Glasgow
June 2023	“Effect of PM2.5 Levels on ED visits for Respiratory Causes in a Greek Semi-Urban Area: an observation study”, 1 st Panhellenic Congress of the Greek Society of Emergence Medicine
June 2023	“Comparison of different advanced closed-loop mechanical ventilation modes: a systematic review and meta analysis”, 1 st Panhellenic Congress of the Greek Society of Emergence Medicine
June 2023	“Burnout in Greek healthcare personnel during the COVID-19 pandemic: a questionnaire-based study”, 1 st Panhellenic Congress of the Greek Society of Emergence Medicine

October 2021

“The use of the non-invasive blood pressure measurement system, Clear Sight (Edwards Lifesciences), in a patient with left arm amputation who underwent total hip arthroplasty”, 24th Panhellenic Anesthesiology Conference

Publications

“Challenges in procedural sedation and analgesia in the emergency department.” J Emerg Crit Care Med 2020;4:27. Raffay V, Fišer Z, Samara E, Magounaki K, Chatzis D, Mavrovounis G, **Mermiri M**, Žunić F, Pantazopoulos

“Peripherally Inserted Central Catheter lines for Intensive Care Unit and onco-hematologic patients: A systematic review and meta-analysis]. Heart Lung. 2020;S0147-9563(20)30309-5. Mavrovounis G, **Mermiri M**, Chatzis DG, Pantazopoulos I

“Drones in Automated External Defibrillator Delivery: Where Do We Stand?” The Journal of Emergency Medicine, In Press, Available Online 10 September 2020, **Maria I Mermiri**, Georgios A. Mavrovounis, Ioannis N. Pantazopoulos

“Critical emergency medicine and the resuscitative care unit.” **M. Mermiri**, G. Mavrovounis, D. Chatzis, I. Mpoutsikos, A. Tsaroucha, M. Dova, Z. Angelopoulou, D. Ragias, A. Chalkias, I. Pantazopoulos. *Acute Crit. Care*, 2021 Feb;36(1):22-28

“Pulmonary Function Testing in COPD: Looking Beyond the Curtain of FEV1”, S. Kakavas, OS. Kotsiou, F. Perlikos, **M. Mermiri**, G. Mavrovounis, KI. Gourgoulianis, I. Pantazopoulos, *npj Primary Care Respiratory Medicine*, 2021 May 7;31(1):23

“Video Laryngoscopy Improves Intubation Times With Level C Personal Protective Equipment in Novice Physicians: A Randomized Cross-Over Manikin Study.” Pantazopoulos, I., Kolonia, K., Laou, E., **Mermiri, M.**, Tsolaki, V., Koutsovasilis, A., ... & Chalkias, A. (2021). *The Journal of Emergency Medicine*.

“A “chain” in the right main bronchus?”, Asst. Prof. Ioannis Pantazopoulos, **Maria Mermiri**, Prof. Konstantinos Gourgoulianis, *Visual Journal of Emergency Medicine*, Volume 22, 2021, 100957

“Sublingual Microcirculatory Alterations During the Immediate and Early Postoperative Period: A Systematic Review and Meta-analysis”. Chalkias, Athanasios et al. 1 Jan. 2022 : 253 – 265.

“Comparison of advanced closed-loop ventilation modes with pressure support ventilation for weaning from mechanical ventilation in adults: A systematic review and meta-analysis” Kampolis, C. F., **Mermiri, M.**, Mavrovounis, G., Koutsoukou, A., Loukeri, A. A., & Pantazopoulos, I. (2022)..” *Journal of Critical Care*, 68, 1-9.

“Intentional ingestion of batteries and razor blades by a prisoner: a true emergency?” *International journal of prisoner health*. Pantazopoulos, I., Mavrovounis, G., **Mermiri, M.**, Adamou, A., & Gourgoulisanis, K. (2021).

“Microcirculation-guided treatment improves tissue perfusion and hemodynamic coherence in surgical patients with septic shock.” Chalkias, A., Laou, E., **Mermiri, M.**, Michou, A., Ntalarizou, N., Koutsona, S., ... & Papagiannakis, N. (2022). *European Journal of Trauma and Emergency Surgery*, 1-13.

“Proportional assist ventilation versus pressure support ventilation for weaning from mechanical ventilation in adults: weaning success and mortality.” Pantazopoulos, I., Mavrovounis, G., **Mermiri, M.**, & Kampolis, C. (2021). *Critical Care*, 25(1), 1-3.

“Effect of PM_{2.5} levels on respiratory pediatric ED visits in a semi-urban Greek Peninsula.” Kanellopoulos, N., Pantazopoulos, I., **Mermiri, M.**, Mavrovounis, G., Kalantzis, G., Saharidis, G., & Gourgoulisanis, K. (2021). *International journal of environmental research and public health*, 18(12), 6384.

“Circulating suPAR associates with severity and in-hospital progression of COVID-19.” Chalkias, A., Skoulakis, A., Papagiannakis, N., Laou, E., Tournalakopoulos, K., Pagonis, A., ... & Eugen-Olsen, J. (2022). *European Journal of Clinical Investigation*, e13794.

“Watch Out for Burnout in COVID-19: A Greek Health Care Personnel Study.”

INQUIRY Mavrovounis, G., Mavrovouni, D., **Mermiri, M.**, Papadaki, P., Chalkias, A., Zarogiannis, S., ... & Pantazopoulos, I. (2022).: The Journal of Health Care Organization, Provision, and Financing, 59, 00469580221097829.

“Therapeutic Vitamin D Supplementation Following COVID-19 Diagnosis: Where Do We Stand?—A Systematic Review.” Bania, A., Pitsikakis, K., Mavrovounis, G., **Mermiri, M.**, Beltsios, E. T., Adamou, A., ... & Pantazopoulos, I. (2022). Journal of personalized medicine, 12(3), 419.

“Comparison of advanced closed-loop ventilation modes with pressure support ventilation for weaning from mechanical ventilation in adults: A systematic review and meta-analysis.” Kampolis, C. F., **Mermiri, M.**, Mavrovounis, G., Koutsoukou, A., Loukeri, A. A., & Pantazopoulos, I. (2022). *Journal of critical care*, 68, 1–9.

“Contemporary Biomarkers in Pulmonary Embolism Diagnosis: Moving beyond D-Dimers.” Gkana, A., Papadopoulou, A., **Mermiri, M.**, Beltsios, E., Chatzis, D., Malli, F., Adamou, A., Gourgoulianis, K., Mavrovounis, G., & Pantazopoulos, I. (2022). *Journal of personalized medicine*, 12(10), 1604.

<https://doi.org/10.3390/jpm12101604>

“Remdesivir-induced Bradycardia is not Associated with Worse Outcome in Patients with COVID-19: A Retrospective Analysis.” Pantazopoulos, I., Mavrovounis, G., Dimeas, G., Zikos, N., Pitsikou, M., Rousogianni, E., **Mermiri, M.**, Michou, A., Spanos, M., Maniotis, C., Chalkias, A., Laou, E., Zakynthinos, G., Chatzis, D., &

Gourgoulianis, K. (2022). *American journal of cardiovascular drugs : drugs, devices, and other interventions*, 22(6), 705–710. <https://doi.org/10.1007/s40256-022-00547-4>

“Effect of PM2.5 Levels on ED Visits for Respiratory Causes in a Greek Semi-Urban Area.” **Mermiri, M.**, Mavrovounis, G., Kanellopoulos, N., Papageorgiou, K., Spanos, M., Kalantzis, G., Saharidis, G., Gourgoulianis, K., & Pantazopoulos, I. (2022).

Journal of personalized medicine, 12(11), 1849.

<https://doi.org/10.3390/jpm12111849>

“Microcirculation-guided treatment improves tissue perfusion and hemodynamic coherence in surgical patients with septic shock.” Chalkias, A., Laou, E., **Mermiri, M.**, Michou, A., Ntalarizou, N., Koutsona, S., Chasiotis, G., Garoufalidis, G.,

Agorogiannis, V., Kyriakaki, A., & Papagiannakis, N. (2022). *European journal of trauma and emergency surgery : official publication of the European Trauma Society*, 48(6), 4699–4711. <https://doi.org/10.1007/s00068-022-01991-2>

“Sublingual microcirculatory shock and loss of haemodynamic coherence during subarachnoid anaesthesia.” Laou, E., Tsitsanoudi, E., Alexandrou, C., Goupou, D., Papanastasiou, E., **Mermiri, M.**, & Chalkias, A. (2023). *Anaesthesiology intensive therapy*, 55(2), 126–130. <https://doi.org/10.5114/ait.2023.128707>

“Predictors of 30-Day Postoperative Outcome after Elective Endovascular Abdominal Aortic Aneurysm Repair: A Tertiary Referral Center Experience.” Ntalouka, M. P., Nana, P., Brotis, A., Chatzis, A., **Mermiri, M.**, Stamoulis, K., Bareka, M.,

Giannoukas, A., Matsagkas, M., & Arnaoutoglou, E. (2023). *Journal of clinical medicine*, 12(18), 6004. <https://doi.org/10.3390/jcm12186004>

“From flatline to lifeline: A scoping review of the Lazarus phenomenon.” Mavrovounis, G., Kontou, M., Tsiotsikas, O., **Mermiri, M.**, Tsolaki, V., Beltsios, E., Gourgoulisanis, K., Chalkias, A., & Pantazopoulos, I. (2023). *The American journal of emergency medicine*, 72, 44–57. <https://doi.org/10.1016/j.ajem.2023.07.017>

Citations (as of 28/05/2024): 235

h-index (as of 28/05/2024): 9

Language Qualifications

- English: Michigan University Examination for the Certificate of Proficiency in English (C2 level of the European Framework of References)
- Greek: Native

Information Technology Skills

- Microsoft Office Package
- IBM SPSS Statistics

Interests and Activities

- Classical music, Literature, Ancient History, Science

References

- Available Upon Request