

## Dimitrios E. Papageorgiou

**Current Position:** Associate Professor, University of West Attica, School of Health and Care Sciences, Department of Nursing

**Scientific Domain:** Pathological Nursing with emphasis on ICU patients with respiratory failure

**Code APELLA:** 3970

**Sector:** C, Medical and Surgical Nursing

**Administrative position:** Director of "ICU Follow - up Care Lab"

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<https://publons.com/researcher/4698986/Papageorgiou-Dimitrios/>

**Pubmed:** [https://pubmed.ncbi.nlm.nih.gov/?term=Dimitrios E. Papageorgiou](https://pubmed.ncbi.nlm.nih.gov/?term=Dimitrios+E.+Papageorgiou)

## Education

**BSc,** Department of Nursing, Technological Educational Institute of Athens

**BSc,** Department of Nursing, National and Kapodistrian University of Athens

**MSc,** College of Medicine, University of Wales

**PhD,** Department of Medicine, University of Ioannina. Topic: "Prioritization and evaluation of the degree of satisfaction of the needs of patients with respiratory failure, who are hospitalized in ICU and Pulmonary Clinics both by them and by the medical staff"

## Academic Appointments

**2009,** Lecturer, Department of Nursing, Technological Educational Institute of Athens

**2015,** Assistant Professor, Department of Nursing, Technological Educational Institute of Athens

**2019,** Associate Professor, Department of Nursing, University of West Attica

**2019,** Director of the Research "ICU Follow- up Care Lab".

Lab website: <https://sites.google.com/view/icu-mnpa>

The "ICU Follow- up Care Lab" provides monitoring and a range of follow up services for ICU adult patients after their hospital discharge. Its main goals are:

- The timely detection of potentially threatening situations in order to maintain their good health
- Their immediate referral to hospital for readmission in order to avoid adverse outcomes
- The reduction in the mortality rate outside the ICU
- The promoting patient safety
- The enhancing interdisciplinary collaboration for the benefit of patients

A follow-up program for patients who have been discharged from ICU will be held. These patients will meet the laboratory researchers one month after their discharge from ICU. Then they will meet again in two months, in three months, in six months, in twelve months, in one year and finally in five years. More specifically, in the "ICU Follow- up Care Lab" will take place the following:

- Assessment of the QOL (Quality of Life) in patients discharged from ICU. Special queries will be used for this purpose such as: SF 36, EQ5D, SIP, NHP, RAND 36, Rosser Disability and Distress Categories, Spitzer Quality of Life Index, Psychological General Well-Being Schedule (PGWB,) Fernandez Questionnaire, Whiston Hospital Questionnaire.
- Pulmonary function check (spirometry, blood oxygen saturation which will be measured with pulse oximeter, exercise capacity evaluated by walk test)
- Heart health check: electrocardiogram (ECG), determination of heart rate disorders
- Assessment of trauma and pressure ulcers

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| <ul style="list-style-type: none"> <li>• Assessments of motor skills</li> <li>• Determination of psychological effects, cognitive disorders and post-traumatic stress. Special scales will be used for this purpose such as HADS</li> <li>• Nutrition assessment</li> <li>• Investigation of polypharmacy</li> <li>• Investigation the effects on patients' family members</li> <li>• Evaluation of post- discharge healthcare utilization costs</li> <li>• Family education in order to improve patient care e.g. tracheostomy, enteral feeding</li> <li>• Training programs for clinical nurses who take care patients discharged from ICU</li> <li>• Investigation into the experience of patients and their family caregivers during their stay in the ICU (qualitative methods)</li> <li>• Studying the impact of heart attack in ICU survivors</li> <li>• Studying the Frailty Syndrome in critically ill ICU patients</li> </ul>   |
| <p><b>Professional Experience</b></p>   |
| <p><b>1996 - 2005</b>, ICU Nurse G.H.A. "G. Gennimatas"<br/> <b>2006 - 2009</b>, Education, Surgical Specialty G.H.A. "G. Gennimatas"</p>   |
| <p><b>Research Interests</b></p>  |
| <p>Intensive care unit, illness severity scoring systems in critical care, traumatic brain injury, frailty syndrome, acute respiratory distress syndrome, chronic obstructive pulmonary disease, pneumonia, pulmonary embolism, pneumothorax, post traumatic stress disorder, ventilator associated pneumonia, priorities of care for critically ill patients, critical care delirium, models of care, common care problems for patients in the critical care environment, personal hygiene, the dying critical care patient, arterial blood gas analysis, assessment of respiratory status, methods of respiratory support, endotracheal intubation, tracheostomy, mechanical ventilation, weaning from mechanical ventilation, communication difficulties associated with intubation, withdrawing treatment, survival and follow-up after critical care, Follow-up Clinics, quality of life after critical illness, long-term problems associated with prolonged critical care.</p> |
| <p><b>Teaching Areas</b></p>  |
| <p><i>Undergraduate courses</i><br/> Critical Care Nursing (Lectures/Clinical Practice), Respiratory Nursing (Lectures), Diagnostic Nursing / Clinical Semiology (Lectures/Laboratory practice), Medical &amp; Surgical Nursing (Laboratory practice), Emergency Care / ICU (Clinical Practice), Basic Nursing (Lectures), An Introduction to Nursing Science (Laboratory practice), Basic Nursing (Laboratory practice), Pathophysiology (Lectures).<br/> <i>Postgraduate courses</i><br/> Head injuries, chest injuries, urgent respiratory problems, design of a critical care unit, critical care nursing, mechanical ventilation, planning of weaning, oxygen therapy methods, writing a scientific paper.</p>   |
| <p><b>Recent Publications</b></p>   |
| <ol style="list-style-type: none"> <li>1. Dimitrios E. Papageorgiou, Evridiki Kaba, Martha Kelesi, Areti Stavropoulou, Penelope E. Tzilioli, Niki Pavlatou, Georgia Fasoi. Assessing Patients' Needs in Greek Intensive Care Units. Validation of a Respiratory Patient Satisfaction Scale. Journal of Education and Practice 2021, 12 (17): 1-6.</li> <li>2. Georgia Fasoi, Eirini C. Patsiou, Areti Stavropoulou, Evridiki Kaba, Dimitrios Papageorgiou, Georgia Toylia, Aspasia Goula and Martha Kelesi. Assessment of Nursing Workload as a Mortality Predictor in Intensive Care Units (ICU) Using the Nursing Activities Score (NAS) Scale. Int. J. Environ. Res. Public Health 2021, 18, 79.</li> </ol>  |

3. Dimitrios Papageorgiou, Konstantina Kosenai, Eleni Gika, Dimitrios Alefragkis, Despoina Keskou, Christina Mandila. Quantification of Frailty Syndrome in ICU Patients with Clinical Frailty Scale. *Folia Medica* 2020 April; 62(4):655-661.
4. Dimitris E. Papageorgiou, Foteinoula Gkazeli, Viktoria Diamanti, Dimitrios A. Flevas, Andreas F. Mavrogenis, Vasso Romanou. Clinical Analysis of Statistical Data on the Characteristics of Patients with Acute Respiratory Distress Syndrome in a Greek ICU. *Journal of Long-Term Effects of Medical Implants* 2019, 29(1), pages 45-49.
5. Monastirioti, M., Kalogianni, A., Vasilopoulos, G., Papageorgiou, D. (2018). Causes of admission of patients 1830 years old in Intensive Care Units. *Health and Research Journal*,5(1), 20-30.
6. Papageorgiou Dimitris, Sela Ervina- Anastasia. Traumatic brain injury as a risk factor for dementia: Literature Review. *Clinical Research and Trials* 2018; Volume 4(3): 1-5.
7. Marinaki Chrysoula, Papageorgiou Dimitris. Analysis of the needs of relatives of severely ill patients in ICU. *Examines Phy Med Rehab* 2018; 1(5):1-7.
8. Papageorgiou Dimitris, Gika Eleni, Kosenai Konstantina, Mandila Christina, Tsironas Konstantinos, Avramopoulou Lamprini, Sela Ervina. Frailty in elderly ICU patients in Greece: a prospective, observational study. *Ann Transl Med* 2018;6(7):111. Doi: 10.21037/atm.2018.02.03.
9. Sofia A. Balodimou, Efstathia G. Papageorgiou, Eleni E. Dokoutsidou, Dimitris E. Papageorgiou, Evridiki P. Kaba, Martha N. Kelesi. Greek nurses' knowledge on the prevention of surgical site infection: an investigation. *Journal of Wound Care*, 2018, 27(12): 876-884.
10. Papageorgiou D.E., Koukoulitsios G., Tsikritsaki K., Sampani A.C, Kalantzis I., Androulis A. The use of therapeutic hypothermia to increased intracranial pressure after traumatic brain injury: a randomized clinical trial. *Journal of Neurology and Neurosurgery* 2017, 4(3): 1-5.
11. Tsaloukidis N, Michopoulou V, Peponi M, Papageorgiou D, Lazakidou A. Evaluation of Nurses' Perceptions on Cardiopulmonary Resuscitation (CPR) Education. *Journal of Health Education Research & Development* 2017, 5(1): 1-6.
12. Dimitrios Papageorgiou, Katerina Tsikritsaki, Faresh Javed, Theodoros Stathopoulos, Evangelia Ntinou, Andreas F. Mavrogenis & George Koukoulitsios. Therapeutic hypothermia in ICU. The nursing aspect. *Journal of long-term effects of medical implants*, 27(1): 19–22 (2017).
13. Kelesi Martha, Fasoi Georgia, Papageorgiou E. Dimitrios, Tsaras Konstantinos, Kaba Evridiki, Stavropoulou Areti, Polykandriotis Tzannis, Vlachou Eugenia. An Investigation Of Factors Determining The Level Of Job Satisfaction Among Nurses In Six General Public Hospitals In Greece. *International Journal Of Medical Science And Clinical Inventions*, Volume 3, issue 3, 2016 page no. 1705-1716. E-ISSN: 2348-991X p-ISSN: 2454-9576.
14. Fasoi-Barka Georgia, Kelesi-Stavropoulou M., Vlachou Eugenia, Sotnikova Chr., Papageorgiou Dimitris E. and Govina Ourania. Estimation of Modification in the Cost of Living for Women with Early-Stage Breast Cancer during the First Year after Diagnosis. *Health Science Journal*, volume 9, Issue 3:5, 2015.
15. N. Pavlatou, M. Koutzoglou, D.E. Papageorgiou, G.N. Panagopoulos, V. Igoumenou, A.F. Mavrogenis, & K. Athanasakis. Self-Perceived Quality of Life and Absence from Work Due to Health Problems of Nurses in a Greek Hospital. *Ethics in Biology, Engineering & Medicine – An International Journal* 2015, 6(3–4): 173–185.

16. Evmorfia Koukia, Polyxeni Mangoulia, Dimitrios E. Papageorgiou, Nikolaos Gonis, Theofanis Katostaras. Violence against health care staff by peers and managers in general hospital in Greece: a questionnaire-based study. *Australian Journal of Advanced Nursing* 2014, 31 (4): 45-56.
17. Stamatios Kyriakopoulos, Dimitris E. Papageorgiou, Theodora Stroubouki, Areti Stavropoulou, Evaggelia Ntinou, John Galanopoulos, Christos Vottis, Andreas F. Mavrogenis & John Yfantopoulos. Quality of Life of Patients with Musculoskeletal Disorders in a Greek Hospital. *Ethics in Biology, Engineering & Medicine – An International Journal* 2013, 4(4): 269–284.
18. Nikolaos Ch. Tsaloukidis, Renato Trifoni, Dimitrios Ouzounis, Dimitrios E. Papageorgiou, Christina Marvaki, Maria Peponi. Head nurse perceptions of their managerial leadership behaviours: a pilot study. *Health Science Journal*, volume 6, Issue 2, 2012.
19. Georgia Fouka, Sotirios Plakas, Dimitrios Papageorgiou, Marianna Mantzorou, Ioannis Kalemikerakis and Zambia Vardaki. The increase in illegal private duty nurses in public Greek hospitals. *Journal of Nursing Management*, 2012.
20. D. Papageorgiou, G. Fouka, S. Plakas, M. Kelesi, G. Fasoi & Z. Vardaki. Private duty nurses in Greek hospitals: a literature review. *Int Nurs Rev*; 2012 Dec;59(4):458-65.
21. Papageorgiou DE, Kavga A. Evaluation of life skills in students of Nursing: a descriptive study. *International Journal of Caring Sciences* 2009, 2 (3): 135-141.
22. Dimitris E. Papageorgiou, E. Mpolioudaki, E. Papala, Petroula Stamataki, Maria Kagialari, Teodor Stathopoulos. Nurses and Emotional Intelligence: a descriptive study. *Hellenic Journal of Nursing Science* 2009, 2(3): 69-75.
23. J. Papanikolaou, M. Tsiantonaki, G. Koukoulitsios, D. Papageorgiou, C. Mandila, D. Karakitsos, A. Karabinis Reversible Posterior Leukoencephalopathy Syndrome (RPLS) and Tako-Tsubo Cardiomyopathy (TTC): unusual reversible end-organ manifestations of Hypertensive Crisis. *Hellenic Journal of Cardiology* 2009; 50(5): 436-438.

### **Conferences-Other Activities**

#### **Announcements and e – poster at international conferences**

**2019**, 39th International Symposium on Intensive Care and Emergency Medicine. 19th - 22nd March. E Poster entitled: Effect of percutaneous and surgical tracheotomy on thyroid hormone levels. Koukoulitsios G., Tsikritsaki K., Antonopoulou S., Mandila C., Papadimitriou E., Toumpanakis D., Belesiotis D., Tsoni I., Bakouli S., Anifanti M., Marinou A., Sampani AC., Papageorgiou D., Kalogeromitros A. Square - Brussels Meeting Center, Brussels, Belgium.

**2017**, 3rd World Dementia, Alzheimer's Parkinson's Disease & Movement Disorders Summit. 23 Nov – 25 Nov. One (1) oral announcement entitled: «Traumatic Brain Injury as a risk Factor for Dementia: a literature review». Anastasia Ervina Sela, Papageorgiou D.E. Copenhagen, Denmark.

**2017**, 3rd International Conference on Neurological Disorders and Brain Injury. April 18-19. One (1) oral announcement entitled: «Hypothermia to increased intracranial pressure after traumatic brain injury: a randomized clinical trial». Papageorgiou D.E., Koukoulitsios G., Tsikritsaki K., Sampani A.C, Kalantzis I., Androulis A. London, UK.

**2008**, 4th World Congress on Quality in Medical Practice, October 2nd- 4th, Macedonia Palace Hotel, Thessaloniki, Greece. One (1) oral announcement entitled: "Violence against Health Care Staff in General Hospitals in Greece". Koukia E., Mangoulia P., Papageorgiou D., Katostaras Th.

**BOOKS - Chapters in Collective Volumes**

**2020**, Author of the chapters entitled: "Taking and Recording Vital Signs (6th chapter), Personal Hygiene and Cleanliness (10th chapter), Medicine Administration (11th chapter), Blood and Derivatives (12th chapter), Pain Management (17th chapter) and Oxygen Therapy (18th chapter)" in the book entitled "Principles and Clinical Skills in Nursing", Konstadaras Medical Publications, Co- Authors: Martha Kelesi-Stavropoulou, Georgia Fasoi- Barka.

**2016**, Author of the chapters entitled: "Health and Disease (4th chapter), Taking, Recording and Evaluating the vital signs (12th chapter)" in the book entitled "Introduction to the Science of Nursing. Conceptual and Philosophical Context", Konstadaras Medical Publications (ISBN: 978-960-6802-94-2). Co- Authors: Martha Kelesi, Georgia Fasoi.

**2015**, Author of Section III entitled "Emergency Breathing Problems" [Dyspnoea (11th chapter), Exacerbation of Chronic Obstructive Pulmonary Disease (13th chapter), Pulmonary Embolism (14th chapter)] in the book entitled "Emergency Nursing", Konstadaras Medical Publications (ISBN: 978-960-6802-84-3). Co - Authors: Christina Marvaki, Anastasia Kotanidou, Antonia Kalogianni.

**2013**, Author of the chapters entitled: "Vital Signs (3rd chapter), Personal Hygiene and Cleanliness (6th chapter), Medicines (9th chapter), Pain (12th chapter)" in the book entitled "Basic Nursing. Theory, Education, Application", Konstantaras Medical Publications (ISBN: 978-960-6802-48-5). Co - Authors: Martha Kelesi- Stavropoulou, Georgia Fasoi- Barka.

**2013**, Author of the 4th chapter entitled "Quality Assurance and Research" in the book entitled "Introduction to Quality Assurance in Nursing". Author: Areti Stavropoulou, Lagos Dimitrios Medical Publications.

**2010**, Author of the 22nd chapter entitled "Patient Satisfaction: Indicators of Nursing Care Quality" in the book entitled "Introduction to Nursing Science". Author: Sofia Zyga. BETA Medical Publications.

**BOOKS - Chapter Editing in Collective Volumes**

**2022**, "Essential Respiratory Medicine". Author: Shanthi Paramothayan. Konstadaras Medical Publications.

**2021**, "Critical Care Nursing, Science and Practice" Authors: Sheila Adam, Sue Osborne, John Welch. Konstadaras Medical Publications.

**2018**, "Bates' Nursing guide to physical examination and history taking". Authors: Beth Hogan-Quigley, Mary Louise Palm & Lynn Bickley. Konstadaras Medical Publications.

**2012**, "Clinical Nursing Skills & Nursing Process". Author: Pamela Lynn, P. C. Broken Hill Publishers Ltd.