



Angeliki Chandrinou

Nationality: Greek **Date of birth:** 22/10/1973 **Gender:** Female

Phone number: (+30) 6944455060

Email address: angeliki.chandrinou@gmail.com

WhatsApp Messenger: +306944455060

Home: Efstathiou 47, 11524 Athens (Greece)

WORK EXPERIENCE

Chief information officer - IT Department

Athens Naval Hospital [06/06/2018 – Current]

City: Athens | Country: Greece

IT Department Logistics Equipment Manager

Athens Naval Hospital [10/2016 – 06/2018]

City: Athens | Country: Greece

Head of the IT Office

Athens Naval Hospital [10/2013 – 09/2016]

City: Athens | Country: Greece

Hyperbaric Nursing - Athens Naval Hospital

Athens Naval Hospital [10/2010 – 10/2012]

City: Athens | Country: Greece

I worked as a department manager, head of shifts and standby Nurse, in the Diving and Hyperbaric Medicine Unit (DHMU) of the Athens Naval Hospital.

Hyperbaric Nursing- Athens Naval Hospital

Athens Naval Hospital [06/2006 – 07/2009]

City: Athens | Country: Greece

I worked as head of department and standby Nurse, in the Diving and Hyperbaric Medicine Unit (DHMU) of the Athens Naval Hospital.

Hyperbaric Nursing- Athens Naval Hospital

Athens Naval Hospital [22/10/2005 – 06/2006]

City: Αθήνα | Country: Greece

I worked as a department manager, head of shifts and standby Nurse, in the Diving and Hyperbaric Medicine Unit (DHMU) of the Greek Navy, which addresses divers who have suffered a diving accident and patients who need hyperbaric oxygen therapy.

Nursing - ICU Athens Naval Hospital

Athens Naval Hospital [20/10/2004 – 21/09/2005]

City: Athens | Country: Greece

I worked as a department manager and shift supervisor in the Multiple Trauma Intensive Care Unit and the Cardiac Intensive Care Unit of the Athens Naval Hospital.

NBC Defence

Athens Naval Hospital [15/01/2004 – 20/10/2004]

City: Athens | Country: Greece

I worked in the Interbranch Health Unit for Nuclear, Biological and Chemical Defense issues with the aim of my participation, within the framework of the assistance of the Armed Forces, in the organization and conduct of the Olympic Games in Athens in 2004.

Hyperbaric Nursing

Athens Naval Hospital [15/11/2003 – 14/01/2004]

City: Athens | Country: Greece

I worked as a department manager, head of shifts and standby Nurse, in the Diving and Hyperbaric Medicine Unit (DHMU) of the Greek Navy, which addresses divers who have suffered a diving accident and patients who need hyperbaric oxygen therapy.

Hyperbaric Nursing

Karolinska Sjukhuset [05/2003 – 10/2003]

City: Στοκχόλμη | Country: Sweden

Active participation in the Hyperbaric Oxygen treatment research of patients with complicated tibial fractures, which was carried out at the Department of Hyperbaric Medicine of the Anesthesiology Department of the Karolinska Hospital and Institute (Stockholm, Sweden) and in collaboration with the corresponding department of the St Alferd Hospital, Melbourne, Australia.

Hyperbaric Nursing

Karolinska Sjukhuset [03/2003 – 10/2003]

City: Stockholm | Country: Sweden

Active participation in the Hyperbaric Oxygen treatment research of patients with diabetic ulcer, which was carried out in the Hyperbaric Medicine Department of the Anesthesiology Department of the Karolinska Hospital and Institute (Stockholm, Sweden) and in collaboration with seven (7) other similar departments in the European Union.

Hyperbaric Nursing

Karolinska Sjukhuset [02/2003 – 10/2003]

City: Stockholm | Country: Sweden

I was hired by the Anesthesiology Department of the Karolinska Sjukhuset Hospital in Stockholm Sweden, specifically the Department of Hyperbaric Medicine.

Hyperbaric Nursing

Athens Naval Hospital [09/2000 – 10/2002]

City: Athens | Country: Greece

I worked as a department manager, head of shifts and standby Nurse, in the Diving and Hyperbaric Medicine Unit (DHMU) of the Greek Navy, which addresses divers who have suffered a diving accident and patients who need hyperbaric oxygen therapy.

Nursing - ICU

Athens Naval Hospital [1997 – 2000]

City: Athens | Country: Greece

I worked as a department manager and shift supervisor in the Multiple Trauma Intensive Care Unit and the Cardiac Intensive Care Unit of the NNA.

Nursing - Internal Medicine sector

Athens Naval Hospital [1996 – 1997]

City: Athens | Country: Greece

I worked as a ward manager in the Internal Medicine Department of the Athens Naval Hospital.

EDUCATION AND TRAINING

MSc Digital Health and Health Services Management

University of Western Macedonia [01/10/2023 – Current]

Country: Greece | Website: <https://dhm.ece.uowm.gr/> | Field(s) of study: Health and welfare

- critical understanding of advanced theoretical knowledge, methods and concepts, digital technologies that support the health sector and modern management of its services
- specialized technical knowledge and practical skills, which enable a professional approach to the planning, design and management of both the Digital Health media and the available resources of the Health Service Production Units with the aim of improving the efficiency of the services
- transferable and professional skills that will allow them to expand their professional rehabilitation prospects in the areas related to Digital Health and Health Services Management
- advanced research skills to conduct research and develop or improve Digital Health solutions and new Management methods using a wide variety of methods, tools and technologies, either as independent researchers or as consultants in areas of expertise

PhD

National and Kapodistrian University of Athens [2018]

City: Athens | Country: Greece | Website: <https://www.uoa.gr/>

Basic Life Support (BLS)

ERC [2018]

City: Athens | Country: Greece

European Certified Hyperbaric Safety Manager

European College of Baromedicine [2017]

BSc Computer Science

Greek Open University [2016]

City: Patra | Country: Greece | Website: <https://www.eap.gr/>

European Certified Hyperbaric Chamber Operator

European College of Baromedicine [2015]

European Certified Hyperbaric Registered Nurse

European College of Baromedicine [2015]

E-Learning Trainer Training

Hellenic Navy [2015]

City: Athens | Country: Greece

Specialty in Internal Nursing

Ministry of Health [2013]

City: Athens | Country: Greece

SPSS Expert Level

[2013]

City: Athens | Country: Greece

Occupational Health Issues

Hellenic Institute of Occupational Health and Safety (EL.IN.YAE) [2010]

City: Athens | Country: Greece

European Computer Driving License

ECDL [2008]

MSc Intensive Care Units

National and Kapodistrian University of Athens [2007]

City: Athens | Country: Greece | Website: <https://www.uoa.gr/>

NBC (Nuclear, Biological and Chemical)

Warfare Centre of Excellence [2004]

City: Vyskov | Country: Czechia

Nuclear, Biological and Chemical Defense

School of Interdisciplinary Health Unit [2004]

City: Athens | Country: Greece

Advanced Trauma Life Support (ATLS)

National and Kapodistrian University of Athens [06/2001]

City: Athens | Country: Greece

Specialization in Hyperbaric Oxygen Therapy and Diving Nursing

Hellenic Navy [1999]

City: Athens | Country: Greece

Diving and Hyperbaric Medicine Certification

Hellenic Navy [1997]

City: Athens | Country: Greece

Diving Medicine - Open Water Scuba Diving Diploma

Underwater Demolition Unit [1997]

City: Scaramangas | Country: Greece

Advanced Cardiac Life Support (ACLS)

E.E.K.A.A. [1996]

City: Athens | Country: Greece

BSc School of Nursing Officers

National and Kapodistrian University of Athens [1995]

City: Athens | Country: Greece

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

DIGITAL SKILLS

Gmail / INTERNET / MICROSOFT OFFICE / Social Media (Facebook Instagram Youtube) / EXCEL / Skype / POWERPOINT / Emails / Social Media / FACEBOOK / Microsoft Windows / Google Drive / word / Outlook / YouTube / Content Management Systems (Wordpress,Wix) / INSTAGRAM / CMS Basic Skills (WordPress) / χρήση WordPress / Wordpress - Basic Knowledge / Basic knowledge of WordPress! / Content creation in Moodle and Wordpress

PUBLICATIONS

[2023]

Electronic Health Record and Privacy The information systems applied in the health sector are considered as the single most important factor for improving the quality of care services, while at the same time they aim to reduce the constantly increasing costs in this sector. According to RAND's Health Insurance Experiment (HIE) study, the United States could save about \$80 million a year if it universally used an Electronic Health Record (EHR) system. With this in mind, governments in many countries have pushed the technology industry to create increasingly sophisticated systems and incentivized healthcare organizations to adopt them.

Rostrum of Asclepius, 22 (1), 1-4

[2021]

A Platform for Health Record Management of the Conscripts in the Hellenic Navy eMass project aims to digitalize the medical examination procedure of recruitment phase of conscripts in the Hellenic Navy. eMass integrates recruits' Electronic Health Record (EHR), while allows a pre-screening test, through portable telemedicine equipment. The data will be exploited to assess the individual's cardiovascular risk through appropriate digital tools and algorithms. The eMass digital platform, will be accessible to health experts involved in the recruitment procedure for further assessment and processing. Recruits' personal data is stored in the database encrypted using Advanced Encryption Standard (AES). eMass solution contributes to beneficial management and medical data analysis, preventing inessential physical or medical examinations minimizing danger of possible errors and reducing time-consuming processes. Moreover, eMass exploits Electronic Health Record data through a machine-learning based cardiovascular risk assessment tool.

[2021]

eMass: A Smart Digital Tool For Efficient Management And Medical Assessment of The New Recruits In Greek Armed Forces

Research in Medical & Engineering Sciences 9 (2), 985-987

[2020]

Avascular necrosis of the femoral head: Evaluation of hyperbaric oxygen therapy and quality of life This was a prospective observational noncontrolled study of patients with AVNFB treated by HBO2. It was conducted, with the use of Steinberg scale, on 73 patients with AVNFB Stage I or II who were treated with HBO2. Patients' QoL was assessed with EuroQol-5D-5L (EQ), Harris Hip Score (mHHS), MAHORN (MHOT), and VAS, in three different phases: before HBO2; after the completion of the first phase (20 HBO2 sessions, up to two months); and after the completion of the second phase (20 HBO2 sessions, up to two months after the first phase). A reassessment was made on the completion of each phase. Ratings were also made after the completion of each phase, over the first five months of follow-up.

Angeliki Chandrinou et.al., Undersea Hyperb Med, 47(4), 561-569

[2019]

Quality of life of patients with avascular femoral head necrosis treated with hyperbaric oxygen A clinical study was performed with one intervention group lasting 3.5 years. It was performed in 73 patients, who were referred from a special orthopedic for HBO with stage I or II AFHN according to the Steinberg scale. Patients evaluated their health related QoL (HR-QoL) by completing EuroQol-5D-5L (EQ) and VAS for pain before HBO, after the 1st phase (20 HBO) and after the 2nd phase (additional 20 HBO).

Angeliki Chandrinou et.al., Rostrum of Asclepius/Vima tou Asklipiou 18 (2)

[2013]

Rating of patient satisfaction factors in a clinical hyperbaric centre of a Greek hospital This is a descriptive study, its sample constitutes of 91 patients admitted at the DHMU of Navy for Hyperbaric Oxygen (HBO) therapy. For the collection of data an anonymous selfadministered, 2-part questionnaire was utilized. The first part consisted of questions recording sociodemographic data, while the second constituted of questions investigating the satisfaction of patients from the DHMU with a five-point Likert scale. The data was analyzed using SPSS (ver 17). Results: A total of 91 patients (53 male, 38 female) with a mean age of 35.5 years, $sd=+/-7.245$ participated in the study. Most of them 44% were university graduates. Patients' satisfaction from the services provided at DHMU was up to 85.7%, while 87.6% of them highly appreciated the prompt initiating and availability of sessions and rated telephone communication with the DHMU as exceptional. Personnel were described by patients as polite (94.4%), respectful (95.6%) and discrete (94.5%). The 92% of patients understood the importance of abiding by the rules of safety from nurses. Gender, age and the number or treatments were the characteristics that correlated statistically with patients' satisfaction from the services provided at a Greek Diving and Hyperbaric Medical Unit.

Angeliki Chandrinou et.al., International Journal of Caring Sciences 6 (1), 69-77

[2013]

Working conditions of nurses in a hyperbaric chamber and the stress they experience The investigation of the working conditions in the hyperbaric chamber has not yet occupied the international hyperbaric community. Purpose: The investigation of the working conditions and the existence of stressful situations in a hyperbaric environment in the Hyperbaric Medicine Units in the Greek territory.

Forty-eight nurses who work under hyperbaric conditions with the specialization of diving and hyperbaric nursing completed a closed-type questionnaire concerning the stress of nurses as well as its correlation with factors such as role overload and role ambiguity with the scale of Mohrman et al. . Statistical processing was done with the

IBM program, Statistical Package for Social Sciences (SPSS) 19.0. According to the results of the survey, the majority of participants were women (54.2%), while the average age of the sample was 35.4 years with a standard deviation of 5.8 years and a minimum age of 25 and a maximum of 47 years. Role ambiguity averaged 10.5 with a maximum Likert scale of 25 and a minimum of 5, while role overload averaged 6.5 with a maximum Likert scale of 15 and a minimum of 3. A large percentage of nurses (93.8%), have confidence in their knowledge and training, while in case of a bad outcome of the patient's health, in extreme conditions, 37.5% admit that they feel stressed. At 31.3%, nurses do not feel ready to dive but avoid saying so. The exact same percentage expresses the lack of trust in the operator of THA. Also, while there does not seem to be a stress factor created by "locking in" staff in a decompression chamber, 35.4% of them report that they are "stressed during a treatment regimen" when a family member needs care them (e.g. a sick child). 47.9% of nurses are bothered when they are on call, because in order to be ready for a deep dive, they cannot drink, stay up late, do vigorous sports or enjoy their personal time. In the end and despite the adverse conditions, 70.8% of the sample feels that they belong to a strong group. In conclusion, the stress of nurses working in hyperbaric conditions is at moderate levels. Factors found to be related to the stress of nurses in a hyperbaric environment are the level of education, clinical experience and the presence or absence of specialized staff.

Αγγελική Χανδρινού και συν., Υγεία και Εργασία, 4(2), 173-194

CONFERENCES AND SEMINARS

[2023] 16th Panhellenic Scientific and Professional Conference ENE

TeleNursing Semantics and Application

[2023] 50th ESNE Panhellenic Conference

Health Information Systems Business Intelligence (BI) and Quality improvement in a Hospital

[2021] 48th ESNE Hybrid Panhellenic Conference

The clinical analysis of Big Data as a consultant for Health Professionals

[2020] 6th Conference on Crisis Management in the Healthcare Sector

Operational planning of Mass Health Losses in the Armed Forces and the role of PGY PROMITHEUS

[2019] EUBS 2019 Hyperbaric Medicine & The Brain - Tel Aviv, Israel

European Certified Hyperbaric Safety Manager - accreditation of training centers

[2019] Athens

Two-day meeting of the Hellenic Society of Digital Medicine

[2019] Supporting Health in Difficult Times - Athens Naval Hospital

Electronic Health: The future in the provision of Health services

[2019] 8th Panhellenic Conference of the Hellenic Society of Biomedical Technology (ELEBIT)

ICU Patient Electronic File, a Greek Application at the Athens Naval Hospital

[2019] 46th ESNE Panhellenic Conference

EHealth and Coding Systems as Indicators of Quality Assurance in the Hospital Environment

[2019] Multi-Thematic Conference of the Athens Naval Hospital

Health Information Systems

[2017] 43rd Annual Scientific Meeting of the EUBS - European Underwater & Baromedical Society

Baromedical session: application of standards for Hyperbaric Technology

[2016] 16th Armed Forces Medical Conference

What Nurses Read During Their Careers

[2015] 41st Annual Scientific Meeting - European Underwater and Baromedical Society - Amsterdam

The use of European Code of Good Practice (ECGP) in Europe

[2011] 9th Critical care and Emergency Medicine Meeting of the Greek Armed Forces Medical Corps

Management of technology organization in ICU

[2011] 9th Critical care and Emergency Medicine Meeting of the Greek Armed Forces Medical Corps

Hyperbaric Oxygen for the Treatment of a Closed Traumatic Brain Injury, Multi-trauma Patient at the Athens Naval Hospital ICU

[2011] 16th Congress of Balkan Military Medical Committee

Sudden hearing loss and hyperbaric oxygen therapy» και «The rating of patient's satisfaction in a clinical hyperbaric center

[2011] 4th Panhellenic and 3rd Pan-European ENE Conference

Patient satisfaction and quality of health services from the use of hyperbaric oxygen therapy in a diving and hyperbaric medicine unit in the region of Attica

[2010] 3rd Panhellenic and 2nd Pan-European Scientific and Professional Conference of ENE

Diving and Hyperbaric Medicine Units in Greece

[2010] 3rd Panhellenic and 2nd Pan-European Scientific and Professional Conference of ENE

Evaluation of the operation of diving and hyperbaric medicine units in Greece

[2010] 8th Panhellenic Medical Congress of Laconia

Patient satisfaction with services provided in Hyperbaric Medicine Units

[2010] 36th Annual Meeting of the European Underwater and Baromedical Society

Hyperbaric Nursing Publications: A literature review over the past 10 years

[2010] 4th Panhellenic Congress of Sciences for the Care of Chronic Patients. Chronic disease and care.

The role of hyperbaric oxygen in the treatment of chronic diabetic ulcer

[2010] 6th Panhellenic conference on health management and economics

Strategic Management of Diving and Hyperbaric Medicine Units and Patient Satisfaction with the Use of Hyperbaric Oxygen Therapy

[2009] 12th Multidisciplinary Medical Conference of the Athens Naval Hospital

Collaboration of the Diving and Hyperbaric Medicine Unit with the NNA Intensive Care Unit

[2009] 12th Multidisciplinary Medical Conference of the Athens Naval Hospital

Collaboration of the Diving and Hyperbaric Medicine Unit with other specialties and Hospitals

[2008] 4th Emergency and Critical Care Nursing Symposium

Quality indicators in the Emergency Department

[2008] 13th Congress of Balkan Military Medical Committee

Nursing Information Systems

[2007] Panhellenic Wound and Ulcer Healing Conference - Athens

Hyperbaric Oxygen in wound healing

[2007] European Underwater Baromedical Society World Congress - Sharm El Sheikh, Egypt

Decompression Illness (DCI) and rotator cuff disease

[2007] 2nd Armed Forces Nursing Conference - Athens

Nurse under... pressure

[2006] European Baromedical Association (EBAss) - Rome

Common European method of training and certification of the nursing and technical staff of the Diving and Hyperbaric Medicine Units International meeting of the European Baromedical Association (EBAss) held in Rome

[2004] 9th Conference of Military Medicine of Balkan Countries - Turkey

Teen Suicide: Watch for Signs

[2002] 6th Conference of Military Medicine of Balkan Countries - Bulgaria

Hyperbaric Oxygen Therapy

[2002] Hull General Hospital (Manchester)

Press Conference In Hyperbaric Participation of the Hyperbaric Medicine Departments of Hull (Manchester) General Hospital, UK and Karolinska Sjukhuset Hospital, which took place at Hull (Manchester) General Hospital, UK.

[1999] 5th Panhellenic Nursing Cardiology Conference - 20th Panhellenic Cardiology Congress

Heart Failure

TEACHING AND EXTRA PROFESSIONAL ACTIVITIES

[2021 – Current]

National and Kapodistrian University of Athens

Scientifically Responsible and Collaborating Professor at the MSc "Intensive Treatment Units" in the course "New Technologies in the ICU".

[2021 – Current]

Metropolitan College

Professor in the Midwifery Undergraduate Program in the "Research Methodology" course.

[2021 – Current]

Lifelong Learning Center of the University of Thessaly

Scientific partner in the training program "Specialized Training in Hyperbaric Oxygen Therapy and Diving Accidents".

[2021 – Current]

Lifelong Learning Center of the University of Thessaly

Scientific partner in the foreign language training program "Blended Learning Training Program In Hyperbaric Oxygen Therapy and Diving Accidents".

[2019 – Current]

Health and Research Journal

Founding Editor at the scientific journal Health and Research.

[2016 – Current]

EBAss

President of the International Organization European Baromedical Associations for Nurses, Operators and Technicians (EBAss).

[2011 – Current]

National and Kapodistrian University of Athens

Lecturer at the MSc "Intensive Treatment Units" in the course "Mass Health Losses" in the "Nuclear, Biological and Chemical Defense" section.

[2011 – Current]

EBAss

Responsible for managing the website of the International Organization European Baromedical Associations for Nurses, Operators and Technicians (EBAss).

[2009 – Current]

EBAss

Μέλος της επιτροπής πιστοποίησης του Διεθνούς Οργανισμού European Baromedical Associations for Nurses, Operators and Technicians (EBAss).

[2008 – Current]

EBAss

Μέλος του διοικητικού συμβουλίου του Διεθνούς Οργανισμού European Baromedical Associations for Nurses, Operators and Technicians (EBAss).

[2006 – Current]

EBAss

Representative of EBAss in Greece.

[2003 – Current]

EBAss

Member of the International Organization European Baromedical Associations for Nurses, Operators and Technicians (EBAss).

[2001 – 2023]

School of Hyperbaric Medicine-Nursing

Instructor at the School of Hyperbaric Medicine-Nursing, at the Specialization School for Officers (YN) in Diving and Hyperbaric Nursing as well as at the Training School for Non-Commissioned Officer Nurses in the field of Diving and Hyperbaric Nursing.

[2021]

Lifelong Learning Center of the University of Thessaly

Lecturer in the training program "Specialization in Intercultural care".

[2016 – 2021]

IMIHO

National Representative of the Interconnection of Military Hospitals (IMIHO), for medical information exchange, research and training in the framework of the South Eastern Europe Defense Ministerial Process.

[2013 – 2016]

EBAss

Vice-President of the International Organization European Baromedical Associations for Nurses, Operators and Technicians (EBAss).

[2013]

Nursing Specialties

Lecturer in the "Surgical Nursing Specialty" program on the topic: "Hyperbaric Oxygen Therapy: indications - complications. The role of the Nurse".

[2007 – 2010]

Greek Diver

Columnist in the Greek Diver monthly magazine on the prevention and treatment of diving accidents.

AUTHORSHIP - CHAPTERS IN BOOKS

[2021]

Emergencies after Recreational Diving

Gaitanou K., Chandrinou A., Exarchos E., Sarafis P., Publication in "Emergency Nursing-Basic Principles", collective book, edited by TH.A. Katsoulas, P.N. Kieckas, M.M. Malliarou, E.A. Minasidou, A.I. Michopoulos, M.N. Revithis, P.A. Sarafis, H.K. Tsiou, publications BROKEN HILLS PUBLISHERS LTD

[2016]

Specifications and Safety Rules for Hyperbaric Chambers. The Role of Nurses in Hyperbaric Oxygen Therapy

Gaitanou K., Chandrinou A., Fildisis G. Publication in "Intensive Treatment and Emergency Medicine, Oxygen and Oxygen Therapy", collective book, edited by G. I. Baltopoulos, G. A. Fildisis, Scientific publications Ltd.