

Postgraduate Certificate

Obstetric-Gynecologic Anesthesia





Postgraduate Certificate Obstetric-Gynecologic Anesthesia

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Global University
- » Credits: 10 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/medicine/postgraduate-certificate/obstetric-gynecologic-anesthesia

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01

Introduction

Anesthesia techniques in women have undergone significant development in recent years. Pharmacological and advances, intraoperative and postoperative monitoring, imaging techniques and new multimodal handling paradigms, as well as who are by specific fields, have contributed decisively to this transformation, and contribute toward reducing gynecologic surgery patient morbidity and mortality.





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Get up to date with the most recent updates on the use of anesthesia for obstetric-gynecological interventions”

The progressive increase of biomedical knowledge, the constant introduction of new technologies and the change in the conception of health, impose a constant evolution in the teaching of the different medical specialties, which must be addressed by professionals with a permanent attitude of continuous learning that favors the maintenance of their skills throughout their future professional lives.

The fetus-maternal binomial imposes special conditions unique in our environment, to the extent that any therapeutic action has a greater dimension than that of women themselves. It is therefore necessary to update, based on solid science, the pathophysiological foundations of the maternal-fetal interaction, so that our therapeutic procedures are carried out with maximum safety for all.

This program deals in depth with anesthesia procedures for both pregnant and postpartum women, with emphasis on the therapeutic adaptations required in each case and their new anesthetic needs.



You will be able to learn, through the latest educational technology, the most recent advances in obstetric-gynecologic anesthesia”

This **Postgraduate Certificate in Obstetric-Gynecologic Anesthesia** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Clinical cases presented by specialists in anesthesiology and other areas
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Real high-resolution images of pathologies, diagnostic imaging tests and guided procedures
- ♦ Practical workshops on anesthesia procedures and techniques for women suffering from surgical pathologies
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection

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This Postgraduate Certificate is the best investment you can make when selecting a refresher program for two reasons: In addition to updating your knowledge in Obstetric-Gynecologic Anesthesia, you will obtain a qualification endorsed by TECH Global University”

The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

Incorporate the latest developments in obstetric-gynecologic anesthesia to your medical practice and improve patient prognosis.

It includes real clinical cases to bring medical practice as close as possible to the development of the program.



02

Objectives

The main objective is to facilitate the incorporation of advances in obstetric and gynecologic anesthesia, so that specialists can update their knowledge in a practical way, using the latest educational technology and adapting the educational process to their real needs.





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This refresher program will provide you with the skills to act safely in decision making during procedures in obstetric-gynecologic anesthesiology, and will help you grow professionally”



General Objectives

- ♦ Update the specialist's knowledge in the different medical-surgical sub-specialties of this discipline, through evidence-based medicine
- ♦ Promote work strategies based on a perioperative approach of the patient and multimodal rehabilitation as a reference model for achieving excellent care
- ♦ Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific training
- ♦ Encourage professional stimulation through continuing education and research





Specific Objectives

- Get up-to-date update on analgesia during labor and delivery
- Apply the anesthesia required for cesarean section during labor
- Understand intrauterine fetal surgery procedures and anesthesia in these specific conditions
- Know the main problems that the anesthesiologist may encounter in the different pathologies of an obstetric patient and know how to solve them

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Seize the opportunity and take the step to get up-to-date on the latest developments in obstetric-gynecologic anesthesia”

03

Course Management

The materials have been created by a team of leading professionals in the field of obstetric-gynecologic anesthesia, who work in prestigious hospitals. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.





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Learn about the latest advances in obstetric-gynecologic anesthesia from leading professionals”

International Guest Director

Dr. Betelehem M. Asnake is a leading anesthesiologist with an extensive international career, noted for her commitment to health equity and medical education. She has practiced in San Francisco, California, at Kaiser Permanente Medical Centers in Oakland and Richmond. In addition, she has held an important role as Director of Global Health Initiatives at UCLA Health, considered one of the best hospitals in the United States, and ranked first in both California and Los Angeles in a comprehensive assessment of excellence in patient care.

In addition to her clinical practice, she has been recognized for her passionate work in coaching and promoting diversity in Medicine. In this regard, she has founded MuluMentor, a virtual platform designed to support medical students from underrepresented and disadvantaged backgrounds. This program has facilitated the connection between these students and healthcare professionals in reviewing medical school applications, preparing for the MCAT and obtaining letters of recommendation. In this way, the platform has had a significant impact on inclusion and support for future physicians.

In turn, Dr. Betelehem M. Asnake has been a key international figure in bridging educational gaps in the field of Anesthesia. In fact, she has worked as a facilitator of the SAFE course in Tanzania, teaching safe anesthesia in remote areas. She has also been a co-leader of COVID-19 response teams and has collaborated with the World Society of Anesthesia in the development of international standards of post-anesthesia care. In addition, her role as a peer reviewer for the COVID-19 Repository for Ethiopian Health Professionals has highlighted her commitment to the global improvement of medical education in low-resource settings.



Dr. Asnake, Betelehem M.

- ♦ Director of Global Health Initiatives at UCLA Health, Southern California, United States
- ♦ General Anesthesiologist at UCLA Health
- ♦ General Anesthesiologist at Kaiser Permanente Oakland and Richmond Medical Centers
- ♦ Founder of MuluMentor
- ♦ General Anesthesiologist at Zuckerberg General Hospital and Trauma Center
- ♦ Global Health Equity Fellow at Zuckerberg General Hospital & Trauma Center
- ♦ Anesthesiology Specialist from the University of California
- ♦ PhD in Medicine from the University of Virginia
- ♦ M.S., Pharmacology and Toxicology from the University of Virginia
B.A., French Studies from the University of California

“

Thanks to TECH, you will be able to learn with the best professionals in the world”

Management



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- Head of the Anesthesia Service at the General University Hospital Consortium of Valencia
- Vice-president of the Department of Anesthesiology and Critical Care in Cardiac Surgery of the Valencian Community
- Principal Investigator in a Consolidated Research Group, with competitive funding from Public Bodies (Carlos III Institute of Health, of Health, and the Foundation for the Promotion of Health and Biomedical Research of the Valencian Community-Ministry of Health)
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- Professor and Doctor of Anesthesiology at the University of Valencia
- Assistant Professor in the Department of Biomedical Science at the Faculty of Medicine of the CEU Cardenal Herrera University
- Director of doctoral theses and Masters Degree theses
- Degree in Medicine from the University of Valencia
- MIR Specialist in Anesthesiology, Resuscitation and Pain Therapeutics at the La Fe University Hospital
- University Expert in the Comprehensive Management of the Airway by the Catholic University of Valencia
- Member of: Commissions for Healthcare Improvement at Hospital Universitario La Ribera, Researcher of the Translational Medicine Doctoral Program in the research line of Multidisciplinary Intervention in Prevention and Clinical Therapeutics of the International Doctoral School CEINDO, Spanish Society of Anesthesiology, Resuscitation and Pain Therapy, Spanish Society of Multimodal Rehabilitation

Professors

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- ♦ Specialist in Anesthesiology and Resuscitation
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- ♦ SEMDOR Award 2021

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- ♦ Head of the Pain Unit at Hospital Vithas Valencia Consuelo.
- ♦ President of the institutional clinical commission of guidance and monitoring of critically ill patients
- ♦ Honorary Consultant of the Hospitals: St. George's University Hospital, James Cook University Hospital, South Tees Hospitals and Guy's and St. Thomas' NHS Foundation Trust. Great Britain

- ♦ Full Professor in Anesthesiology in the Department of Surgery, Faculty of Medicine, University of Valencia
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- ♦ Specialist in Anesthesiology, and Resuscitation from the University of Valencia
- ♦ Fellowship of the Regional Pain Therapy Unit at the Royal Infirmary Hospital in Abingdon. Oxford, England
- ♦ Fellowship at TECH University Health Sciences. Lubbock, USA
- ♦ Advanced training in Pain Management Techniques at Semmes Murphey Neurologic & Spine Institute at Baptist Hospital Medical Center. Memphis, Tennessee USA
- ♦ Specific Training in Radiofrequency Techniques for Pain Treatment and Regional Pain Therapy Unit. Maaslandziekenhuis, The Netherlands.
- ♦ Fellow in Interventional Pain Practice (FIPP) Awarded by the Examination Board of the World Institute of Pain. Hungary
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- ♦ European Diploma in Pain Medicine (EDPM) Awarded by the Examination Board of the European Society of Regional Anesthesia and Pain Therapy.
- ♦ Member of: International Association for the Study of Pain (IASP), American Society of Regional Anesthesia and Pain Medicine (ASRA), Capítulo Español de la International Association for the Study of Pain (IASP), Sociedad Española del Dolor (SED), International Neuromodulation Society (INS), American Academy of Pain Medicine (AAPM), World Institute of Pain (WIP)

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- ♦ Coordinator of Surgical Services at La Ribera University Hospital
- ♦ Director of the Chair of Pain Research at the Catholic University of Valencia
- ♦ Attending Physician in Anesthesiology and Resuscitation from University La Fe University and Polytechnic Hospital
- ♦ Assistant Physician of the Anesthesiology and Resuscitation Service at the Hospital General Universitario de Valencia.
- ♦ PhD in Medicine and Surgery from the University of Valencia
- ♦ Degree in Medicine and Surgery from the University of Valencia
- ♦ Specialist in Anesthesia, and Resuscitation from the University of Valencia
- ♦ Arthur Andersen Master's Degree in Senior Healthcare Management of the Senior Management Program in Healthcare Institutions
- ♦ Master's Degree in Research and Specialized Pain Management
- ♦ Master's Degree in Medical and Clinical Management

Dr. Muñoz Rodes, José Luis

- ♦ Specialist Doctor in Anesthesiology and General Surgery
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- ♦ MIR with Specialization in Anesthesiology at the University and Polytechnic Hospital of La Fe
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Dr. García Claudio, Natalia

- ♦ Specialist in Anaesthesiology and Resuscitation
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- ♦ Researcher on Deep Brain Stimulation Techniques in Parkinson's Surgery

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- ♦ Head of Section and Coordinator of Cardiothoracic Anesthesia and Resuscitation and Circulatory Assistance at the Polytechnic University Hospital La Fe
- ♦ Head of the Research Group of La Fe Health Research Institute
- ♦ Coordinator of Anesthesia and Cardiothoracic Critical Care and Circulatory Assistance
- ♦ Head of the Cardiac Anesthesia Area and Head of Section at the Regional Ministry of Health
- ♦ Medical Specialist in Anesthesiology, Cardiac and Critical Care Area at the Hospital Universitario y Politécnico La Fe
- ♦ Degree in Medicine and Surgery from the University of Valencia
- ♦ Specialist in Anesthesiology, Resuscitation and Pain Therapeutics

Dr. Carbonell Gutiérrez, Nuria

- ♦ Specialist in Cardiac Anaesthesiology
- ♦ Anesthesiologist DARYD Dexeus University Hospital, Quirónsalud Group
- ♦ Online Master's Degree in Clinical Management, Medical and Healthcare Administration, Healthcare. UCH
- ♦ Master's Degree in Advanced Medical Competencies: Acute and Perioperative Cardiac Intensive Care, Cardiac Anesthesiology
- ♦ Master's Degree in Clinical Research in Comprehensive Care for Critical Patients and Emergencies
- ♦ Bachelor's Degree, Medicine And Surgery. Autonomous University of Barcelona

Dr. De Diego Isasa, Pilar

- ♦ Department of Anesthesiology, Resuscitation, and Pain Management
- ♦ Management in the Traumatology Monographic Hospital ASEPEYO, Coslada, Madrid

Dr. Canós Verdecho, María Ángeles

- ♦ Head of the Multidisciplinary Pain Treatment Unit. University and Polytechnic Hospital La Fe
- ♦ Coordinator of the Multidisciplinary Pain Treatment Unit. La Salud Hospital
- ♦ Best In Class Award for the best Pain Unit
- ♦ Specialist in chronic Pain. Teclor Medical
- ♦ Author of the book "Desafía tu dolor: guía para la prevención y el manejo del dolor crónico" (Challenge your pain: a guide for the prevention and management of chronic pain)
- ♦ Professor of Teaching Seminars for Undergraduate and Postgraduate of Anesthesiology, Resuscitation and Pain Therapy at La Fe University Hospital in Valencia
- ♦ Teaching Professor of Distance Courses, organized by the Spanish Pain Society: Update on pain of the Spanish Pain Society
- ♦ Director of practical courses of Update on Neurostimulation. University and Polytechnic Hospital La Fe
- ♦ Director of the Pain and Primary Care Conference at La Fe University and Polytechnic Hospital
- ♦ Master's Degree in Pain Treatment Miguel de Cervantes European University
- ♦ Master's Degree in Health Management. Catholic University Valencia
- ♦ Master's Degree in Health Services Management and Administration. University of Valencia
- ♦ Member of: Spanish Pain Society and the Neurosurgical Implant Advisory Committee of the General Directorate of Pharmacy and Medical Devices of the Valencian Community

Dr. Mercader Alarcón, María

- ♦ Specialist in Anesthesiology and Resuscitation
- ♦ Specialist in Anesthesiology and Resuscitation at the General University Hospital of Elche
- ♦ MIR in Anesthesiology, Resuscitation and Pain Therapy at the General: University Hospital University of Elche
- ♦ Rotation in Anesthesia in Pediatric Surgery at the General University Hospital of Alicante
- ♦ Rotation in Oral and Maxillofacial Surgery Anesthesia at the Hospital Universitario de San Juan de Alicante
- ♦ Rotation in Ultrasound in the Critical Patient at Hospital Quirónsalud Palmaplanas
- ♦ Rotation in Anesthesiology and Resuscitation of Thoracic Surgery at the Consorcio Hospital General Universitario de Valencia
- ♦ Rotation in the Critical Care Unit at the Consorcio Hospital General Universitario de Valencia
- ♦ Rotation in Locoregional Anesthesia at the Malvarrosa Hospital
- ♦ Rotation in Anesthesiology and Resuscitation of Cardiac Surgery at the Consorcio Hospital General Universitario de Valencia
- ♦ Rotation in the Post-Surgical Critical Care Unit at the Hospital General Universitario de Alicante
- ♦ Doctorate in Medicine from the University Jaume I
- ♦ Degree in Medicine from the University of Miguel Hernández de Elche
- ♦ Master's Degree in Infectious Diseases of the Critically Ill Patient in Medicine by the University of Valencia
- ♦ European Diploma in Anesthesiology and Intensive Care (EDAIC), Anesthesiology and Resuscitation the European Society of Anesthesiology

Dr. Saiz-Sapena, Nieves

- ♦ Specialist in Anesthesiology
- ♦ Anesthesiologist at the General University Hospital of Valencia
- ♦ Specialist of the Anesthesia Department at Vithas Valencia Hospital 9 de Octubre
- ♦ Author of numerous publications, including the book Art and challenges involved in the treatment of ischemic damage
- ♦ PhD in Philosophy
- ♦ Degree in Medicine

Dr. López Viñals, Marta

- ♦ Specialist in Pediatric Anaesthesiology
- ♦ Specialist in Anesthesia and Resuscitation at the Hospital of Barcelona
- ♦ Specialty in Pediatric Anesthesiology, Sedation and Resuscitation, San Juan de Dios Hospital. Barcelona
- ♦ Official title of Medical Specialist in Anesthesiology and Resuscitation at MútuaTerrassa University Hospital
- ♦ Degree in Medicine and Surgery from the University of Barcelona

Dr. Cuesta Montero, Pablo

- ♦ Specialist in Anesthesiology and Resuscitation
- ♦ Specialist in the Anesthesiology and Resuscitation Department Service at the UA Hospital Complex (CHUA)
- ♦ Researcher in diagnostic and therapeutic techniques for Intensive Care patients
- ♦ Author of the specialized journal AnestesiaR
- ♦ Member of the Spanish Society of Rehabilitation and Physical Medicine

Dr. Fenollosa Vázquez, Pedro

- ♦ Pain Therapy Interim. University and Polytechnic Hospital La Fe
- ♦ Attending Physician. Unit Pain Therapeutics. University and Polytechnic Hospital La Fe
- ♦ Pain Unit Physician. Hospital Vithas
- ♦ Specialist in Pain Treatment Rey Don Jaime Hospital
- ♦ Co-author of the clinical trial on the intrathecal infusion of baclofen for spasticity, which led to the approval of this treatment by the Ministry
- ♦ Professor of the Master's Degree in Pain of the Spanish Pain Society
- ♦ Collaborator for the training in pain treatment of MIR doctors in the specialties of Anesthesiology, Rehabilitation and Family Medicine
- ♦ Training lectures and practical courses with continuous teaching on pain management for different specialties
- ♦ Author and Editor of books, book chapters and scientific publications
- ♦ Principal investigator of 2 R&D projects
- ♦ Invited speaker at international congresses
- ♦ Director of doctoral thesis on chronic pain
- ♦ Best In Class Award for the best Pain Unit in Spain on two occasions
- ♦ Doctor of Medicine outstanding "cum laude", University of Valencia
- ♦ Specialty via MIR of Rehabilitation and Physical Medicine, La Fe University and Polytechnic Hospital
- ♦ Degree in Medicine and Surgery from the UV
- ♦ Member of: Valencian Pain Society, Illustrious College of Physicians of Valencia, Spanish Society of Rehabilitation and Physical Medicine, Spanish Pain Society, Editorial Committee of the Journal of the Spanish Pain Society, from its first issue to date, Valencian Society of Rehabilitation and Physical Medicine and Editorial Committee of the Journal of Pain Research, Clinic and Therapeutics

Dr. Gómez Gómez, María

- ♦ Specialist in Anesthesiology, Resuscitation and Pain Therapy
- ♦ Specialist in Anesthesiology at IMSKE Hospital, European Musculoskeletal Institute
- ♦ Specialist in Anesthesiology, Resuscitation and Pain Therapy at the Serralta Clinic
- ♦ Specialist in Anesthesiology, Resuscitation and Pain Therapy at the Hospital Universitario de La Ribera
- ♦ Degree in Medicine and Surgery. Valencia

Dr. Aparicio Chagoyen, Rosa

- ♦ Specialist in Anaesthesiology and Resuscitation
- ♦ Physician of the Anesthesiology and Resuscitation Department at and Polytechnic the La Fe University Hospital
- ♦ Speaker at numerous national conferences and congresses
- ♦ Degree in Medicine and Surgery from the University of Valencia

Dr. Sanabria Carretero, Pascual

- ♦ Specialist in Pediatric Anaesthesiology
- ♦ Responsible for Pediatric Anesthesia, Quirónsalud Sur Hospital and Quirónsalud San José Hospital
- ♦ Assistant Physician, Anesthesia and Critical and Surgical Care Service, La Paz Children's Hospital
- ♦ Specialised doctor in Anesthesiology, Resuscitation and Pain Treatment at the University Hospital La Paz
- ♦ Degree in Medicine and Surgery from the University of Salamanca

Dr. López Pérez, Rosa María

- ♦ Specialist in Anesthesiology and Resuscitation
- ♦ Specialist in Anesthesiology and Resuscitation at the General University Hospital of A Coruña
- ♦ Medical specialist in Anesthesiology and Resuscitation in the NGO Quesada Solidaria
- ♦ Degree in Medicine from the University of Santiago de Compostela

Dr. Domingo Rufés, Tomás

- ♦ Specialist in Anesthesiology and Resuscitation Barnadolor
- ♦ Founding member of Barnadolor, Multidisciplinary Center for the Study and Treatment of Chronic Pain, Barcelona
- ♦ Physician of Chronic Pain Unit, Bellvitge University Hospital, Barcelona
- ♦ Annual collaboration with the Vicente Ferrer Foundation
- ♦ Doctorate Cum Laude from the University of Barcelona. Thesis: "Application of ultrasound-guided puncture in the treatment of chronic pain"
- ♦ Degree in Medicine and Surgery. Autonomous University of Barcelona. Teaching Unit, Vall d'Hebron University Hospital

Dr. Pons , Vicente Manuel

- ♦ Specialist in Anesthesiology, Resuscitation and Pain Therapeutics
- ♦ Specialist in Service at Anesthesiology and Resuscitation at the General University Hospital of A Coruña
- ♦ Anesthesiologist at Quirónsalud A Coruña Hospital
- ♦ Assistant Physician of the Anesthesiology and Resuscitation Service at the Agencia Valenciana de Salud (Valencian Health Agency)
- ♦ Degree in Medicine and Surgery in Faculty of Medicine from Santiago de Compostela University

Dr. López Alvarez, Servando

- ♦ President of the Galician Society of Anesthesiology, Resuscitation and Pain
- ♦ Specialised in Anesthesiology, Resuscitation and Pain Treatment at the General: University Hospital A Coruña
- ♦ Specialist in Anesthesiology, Resuscitation and Pain Management at Hospital Abente y Lago
- ♦ Specialist in Anesthesiology, Resuscitation and Pain Treatment at the Hospital de Medina del Campo. Valladolid, Spain
- ♦ Specialist in Anesthesiology, Resuscitation and Pain Treatment at the Hospital Clínico Universitario de Valladolid, Spain
- ♦ Specialist in Anesthesiology, Resuscitation and Pain Treatment at the Hospital Virgen de La Salud. Toledo, Spain
- ♦ Master in Pathophysiology and Treatment of Pain by the Autonomous University of Barcelona

Dr. Sanjuán Villarreal, Tomás Alberto

- ♦ Anesthesiologist in the Obstetrics, General Surgery, Urology, Vascular Surgery and ENT Units of the Miguel Servet University Hospital
- ♦ Anesthesiologist at the Santa Creu i Sant Pau Hospital
- ♦ Doctor in Medicine from the University of Zaragoza
- ♦ Degree in Medicine from Rovira i Virgili Universitat

Dr. Monsalve Dolz, Vicente

- ♦ Specialist in Clinical Psychology
- ♦ Head of the Department of Anesthesiology, Resuscitation and Pain Treatment at the Hospital General Universitario de Valencia
- ♦ Specialist in Clinical Psychology at the Consorcio General University Hospital of Valencia
- ♦ Associate Professor at the Department of Personality, Evaluation and Psychological Treatments of the University of Valencia
- ♦ Author in specialized portals of Psychiatry
- ♦ Researcher of the Research Foundation of the General University Hospital of Valencia

Dr. Roqués Escolar, Vicente

- ♦ Coordinator of the Quirónsalud Murcia Pain Unit
- ♦ Specialist in the Anesthesiology and Resuscitation Department Virgen de la Arrixaca Hospital
- ♦ Vice President of ESRA Spain, European Society of Regional Anaesthesia and Pain
- ♦ President of the Murcian Society of Anesthesia and Resuscitation
- ♦ Co-founder of IMEDAR, Mediterranean Institute of Regional Anesthesia and Pain
- ♦ Speaker at more than many national and international congresses
- ♦ Author or co-author of more than 500 communications to congresses
- ♦ Author and co-author of more than 50 national and international publications, book chapters and masters related to the specialty of anesthesia
- ♦ Graduate in Medicine, Faculty of Medicine, Valencia
- ♦ Specialist in Anesthesiology and Resuscitation Department at Virgen de la Arrixaca Hospital Murcia

Dr. Lázaro Alcay, Juan José

- ♦ Head of the Anesthesiology Department, Sant Joan de Dèu Hospital Barcelona
- ♦ Specialty in Pediatric Anesthesiology at the Sant Joan de Déu Hospital
- ♦ National consultant in pediatric inhalation anesthesia for Abbott Laboratories
- ♦ Specialist in Anesthesiology, Resuscitation and Pain Therapy in different hospitals HM Sant Jordi
- ♦ National coordinator of the Resuscitation Group of the Spanish Society of Neonatology (SENEO)
- ♦ Investigator of the European STAR project in the pediatric area
- ♦ Collaborating researcher in the APRICOT Multicenter Study of the European Society of Anesthesiology
- ♦ Tutor and teacher of Anesthesia residents in their rotations in Pediatric and Obstetric Anesthesia at Hospital Sant Joan de Déu
- ♦ Collaborating Professor of the Department of Gynecology and Obstetrics at the Hospital Sant Joan de Déu, Faculty of Medicine of the University of Barcelona
- ♦ Professor and tutor of the postgraduate course of Anesthesia for Nurses of the University School of Nursing of the Sant Joan de Déu Hospital, University of Barcelona
- ♦ Surgeon from the Autonomous University of Barcelona
- ♦ Specialization in Pediatric Anesthesiology at the Sant Joan de Déu Hospital,
- ♦ Member of: Spanish Society of Anesthesiology and Resuscitation (SEDAR), Spanish Pain Society (SED)

04

Structure and Content

The syllabus structure has been designed by a team of professionals who understand the implications of medical training in anesthesia procedures in obstetric-gynecologic anesthesia, aware of the relevance in current training and committed to quality teaching through new educational technologies.





“

This Postgraduate Certificate in Obstetric-Gynecologic Anesthesia is the most complete and up-to-date scientific program on the market”

Module 1. Obstetric Anesthesia

- 1.1. Analgesic Update in Labor and Delivery
- 1.2. Anesthesia for Cesarean Section
- 1.3. VAD During Pregnancy
- 1.4. CPR in Pregnant Women
- 1.5. Intrauterine Fetal Surgery and Anesthesia
- 1.6. Hypertensive Disorders of Pregnancy
- 1.7. Obstetric Hemorrhage
- 1.8. Cardiopathic Pregnant Woman
- 1.9. Amniotic Fluid Embolism
- 1.10. Maternal Sepsis and Septic Shock
- 1.11. Non-obstetric Surgery in the Pregnant Patient
- 1.12. Anesthesia for Gynecologic and Oncologic Patients
- 1.13. Anesthesia in Breast Cancer





“

*A unique learning experience,
key and decisive to boost your
professional development”*

05

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





“

Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.

“

Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06 Certificate

The Postgraduate Certificate in Obstetric-Gynecologic Anesthesia guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



“

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Obstetric-Gynecologic Anesthesia** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Obstetric-Gynecologic Anesthesia**

ECTS: **10**

Official N° of Hours: **250 h.**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.



Postgraduate Certificate Obstetric-Gynecologic Anesthesia

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Global University
- » Credits: 10 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate

Obstetric-Gynecologic Anesthesia

