



Postgraduate Diploma

Acute Pathology Care for General Practitioners

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Credits: 24 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-acute-pathology-care-general-practitioners

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Certificate

01 Introduction

Emergency situations seen in primary care are a basic and critical point of reference for the quality of care in the health system. Family physicians continue to care for their patients when they come to the office with emergency situations, which is why adequate training is essential to guarantee quality of care, reduce complications and improve patient prognosis.

Keeping up to date is key to provide better care to patients with acute pathologies in primary health care.



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Emergency health care is an essential element in a health system, in which quality and ongoing care for individuals must be guaranteed. Primary care is the gateway to the health system, often receiving patients with potentially serious conditions that require immediate and complex treatment, often accompanied by minimal resources.

Considering the long hours primary care physicians spend on patients with acute pathologies, the importance they have, and current patient and professional demand for greater professional quality, more than justify that primary care physicians today should be able to intervene in all acute and urgent pathologies that may arise regardless of the level of severity. For this reason, the role of primary care physicians who treat acute pathologies are crucial.

This program offers action rules for possible situations that can arise in practice on a regular basis, and will be able to help them make prompt and accurate decisions.

This **Postgraduate Diploma in Acute Pathology Care** is the most complete and updated scientific program on the market. The most important features of the program include:

- Clinical cases presented by experts in the different specialties. The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice.
- Diagnostic and therapeutic developments in treating patients with acute pathologies.
- Clinical practice guidelines on the different life-threatening pathologies.
- Presentation of practical workshops on procedures, diagnosis, and treatment techniques.
- Algorithm-based interactive learning system for decision-making in the presented clinical situations.
- All 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.





This Postgraduate Diploma may be the best investment you can make when choosing a refresher program for two reasons: in addition to updating your knowledge of acute pathologies, you will obtain a qualification from TECH - Technological University"

Forming part of the teaching staff is a group of professionals in the field of primary care, who bring to this training their work experience, as well as renowned specialists who belong to esteemed scientific communities.

The 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 an immersive training program to train in real situations.

This program is designed around Problem Based Learning, whereby the student physician must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative interactive video system created by recognized experts in the field of out-of-hospital emergencies and urgent patient care in primary care with extensive teaching experience.

Increase your decision-making confidence by updating your knowledge with this Postgraduate Diploma.

Incorporate the latest developments in acute pathology care to your daily practice and improve patient prognosis.





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General Objective

• Get up-to-date in the diagnostic and therapeutic procedures for the most frequent urgent and emergency situations that doctors usually deal with in Primary Care





Specific Objectives

Module 1. Organizational Aspects of the Emergency Department

- Define the structure and organization of emergency services in primary care
- Understand the importance of medical records in the emergency department and understand the most relevant legal and ethical aspects of health care in emergencies in primary care

Module 2. Pediatric Emergencies

- Recognize the medical-legal documents and attitudes in situations of child abuse
- Interpret the possible severity of cranioencephalic trauma in a child
- Identify the criteria for hospital referral in case of limping in children
- · Apply the initial treatment measures for traumatized children
- Recognize the symptoms and signs of severity in case of acute febrile episode
- Apply treatment for a child having a seizure
- · Resolve abdominal pain, vomiting, and diarrhea in children
- Distinguish between the different respiratory tract diseases in children
- Distinguish the differential diagnosis of abdominal pain, vomiting, and diarrhea
- Identify the different urgencies and emergencies in pediatrics

Module 3. Gynecological Emergencies

- Identify the most frequent gynecological-obstetric conditions in primary health care and state the precise guidelines in each case to correctly resolve them
- Review the main aspects of childbirth care, previous care, basic techniques of assistance, types of presentations, and dilatation, expulsion and delivery times in the out-of-hospital setting of Primary Care

Module 4. Psychiatric Emergencies

- Define the clinical symptomatology of psychopathologies
- Identify the main signs and analyze the risk of a self-harm attempt
- Adequately resolve a psychomotor agitation crisis
- Indicate the appropriate treatment for alcohol withdrawal syndrome
- Recognize the clinical symptomatology of an anxiety attack and differentiate it from other pathologies

Module 5. Dermatological Emergencies

 Recognize the most common infectious, inflammatory, autoimmune, and tumor diseases in Primary Care

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Module 6. Hematological Emergencies

- Correctly apply hemotherapy in patients with hematological conditions
- Distinguish between the different anticoagulant treatments

Module 7. Oncological Emergencies

• Use therapeutic measures for oncology patients with neutropenia

Module 8. Infectious Emergencies

- Identify the different types of infectious diseases and their methods for rapid diagnosis
- Apply procedures and action plans to assist the patient exposed to highly infectious material
- Identify treatments for HIV patients

Module 9. Toxicological Emergencies

- Effectively implement initial measures in different types of acute intoxication
- Recognize the manifestations of intoxications by psychotropic drugs, NSAIDs, and digitalis
- Discover the effects of intoxication from drugs and organophosphates







A path to achieve education and professional growth that will propel you towards a greater level of competitiveness in the labor market"





International Guest Director

As National Director of Clinical Innovation at US Acute Care Solutions, Jesse M. Pines, M.D., is one of the most recognized figures in the Emergency Medicine and Healthcare Services field. In fact, his accomplishments include the creation and execution of the first governmental alternative payment model (ED EQUIP, in Maryland) to reduce the total cost of care. In addition, he leads the development and implementation of Telemedicine programs covering a wide variety of specialties, including the ER, Psychiatry and Intensive Care Units, among others.

His extensive experience in medical leadership, large database study design and Big Data research has led him to publish over 350 peer-reviewed articles and writing seven books in these areas. His work has been recognized internationally in various reputable media outlets, including TIME Magazine, the Wall Street Journal and Slate Magazine.

His more than two decades of experience have earned him several leadership positions at George Washington University. Among them, he was the Director of the Center for Health Innovation and Research, also leading the Research Fellowship program and the Center for Healthcare Quality.

Therefore, throughout his career, Dr. Jesse M. Pines has received multiple awards, both for the articles he has published and for his own work and contribution to the field of Emergency Medicine. He is also the Chair of the American College of Emergency Physicians (ACEP) Task Force on New Practice Models, holding various positions in ACEP, the Society for Academic Emergency Medicine and the American Academy of Emergency Medicine.



Dr. M. Pines, Jesse

- National Director of Clinical Innovation at US Acute Care Solutions, United States.
- Emergency Physician at Allegheny Health Network
- Professor of Emergency Medicine at The George Washington University, USA
- Professor of Emergency Medicine at Drexel University
- Director of the Medical Research Fellowship Program at The George Washington University
- Director of the George Washington University Center for Health Research and Innovation
- M.D., Georgetown University
- Master of Business Administration from Georgetown University
- M.S. in Clinical Epidemiology from the University of Pennsylvania



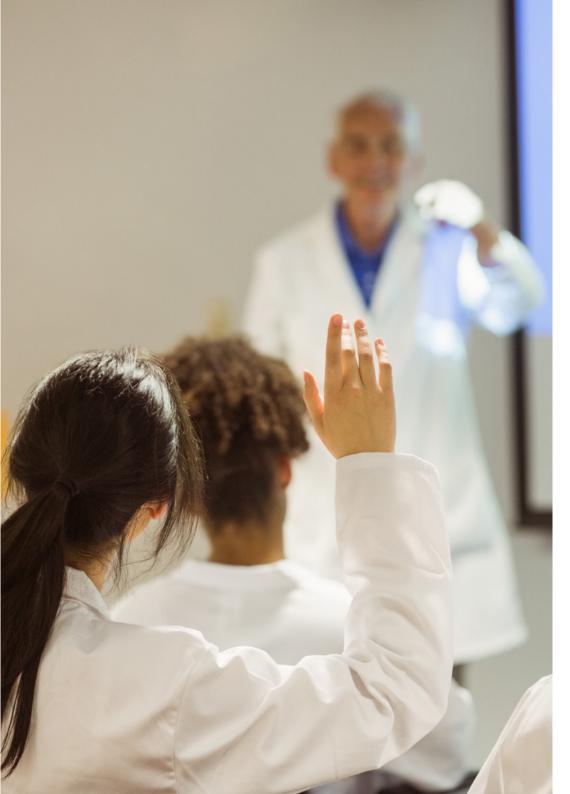
tech 18 | Course management

Management



Dr. Roig D´Cunha-Kamath, Francisco Vicente

- Degree in Medicine from the University of Valencia
- Specialist via MIR in Family and Community Medicine
- Assistant Physician of the Emergency Medicine Department at the Clinical University Hospital of Valencia
- Professor of Human Anatomy at the European University of Valencia.
- Physician at the Valencia Health and Community Foundation.
- Doctor for the ASCIRES group



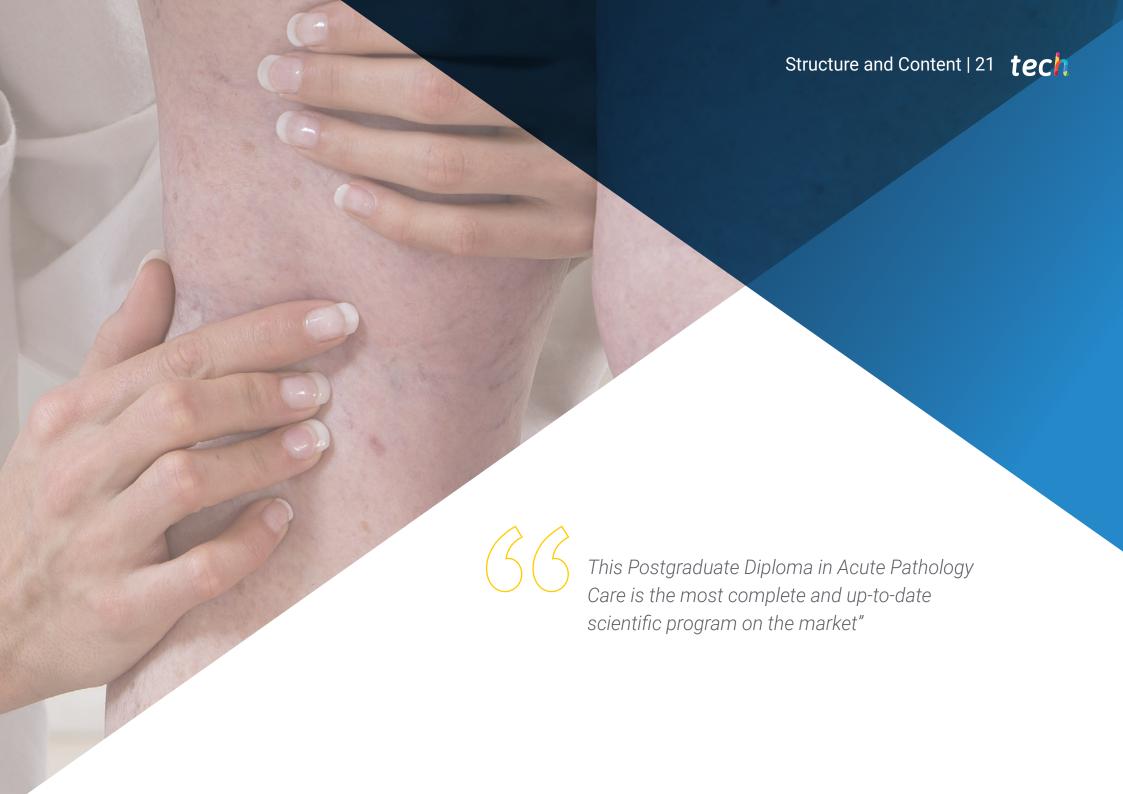
Course Management | 19 tech

Professors

Dr. Brasó Aznar, José Vicente

- Hospital Emergency Physician
- Associate Professor of Emergency Medicine at the Faculty of Medicine of the University of Valencia.
- Department Head. Emergency Medicine. Ribera University Hospital





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Module 1. Organizational Aspects of the Emergency Department

- 1.1. Organization of the Emergency Department in Primary Care Adequate Stocking of First Aid Kits
- 1.2. Role of the Healthcare Professional in Primary Care Emergencies
- 1.3. Medicolegal Management Issues in Primary Care Emergency Departments

Module 2. Pediatric Emergencies

- 2.1. Acute Febrile Episodes
- 2.2. Febrile Seizures
- 2.3. Abdominal Pain
- 2.4. Gastrointestinal Disorders
- 2.5. Airway Diseases
- 2.6. Acute Headaches
- 2.7. Child Abuse
- 2.8. Limping
- 2.9. Initial Care for Pediatric Polytrauma Patients

Module 3. Gynecological Emergencies

- 3.1. Gynecological Emergencies
 - 3.1.1. Gynecological Abdominal Pain
 - 3.1.2. Vulvovaginal Infectious Disease
- 3.2. Pregnancy and Postpartum Emergencies
 - 3.2.1. Genital Bleeding
 - 3.2.2. Hypertensive Emergencies in Pregnancy
 - 3.2.3. Drugs in Pregnancy and Lactation
- 3.3. Protocol for Rape Victim Care
- 3.4. Birth



Module 4. Psychiatric Emergencies

- 4.1. Psychotic Symptomatology Hallucinations
- 4.2. Suicidal Crisis Intervention
- 4.3. Behavioral Disorders Psychomotor Agitation
- 4.4. Alcohol Withdrawal Syndrome
- 4.5. Neuroleptic Malignant Syndrome
- 4.6. Anxiety Attacks Panic Attacks
- 4.7. Workshop: Mechanical Restraint of an Agitated Patient

Module 5. Skin Emergencies

- 5.1. Hypersensitivity Lesions
- 5.2. Skin Infections
- 5.3. Skin Emergencies

Module 6. Skin Emergencies

- 6.1. Anemic Syndrome in the Emergency Department
- 6.2. Hemotherapy
- 6.3. Thrombopenia Hemostasis Disorders
- 6.4. Anticoagulation and Thromboprophylaxis

Module 7. Infectious Emergencies

- 7.1. Risk Exposure and Exposure to Potentially Contaminating Material EVE CODE
- 7.2. Fever in H.I.V. Infected Patients
- 7.3. Fever of Unknown Origin
- 7.4. Urinary Tract Infections
- 7.5. Fever and Rashes

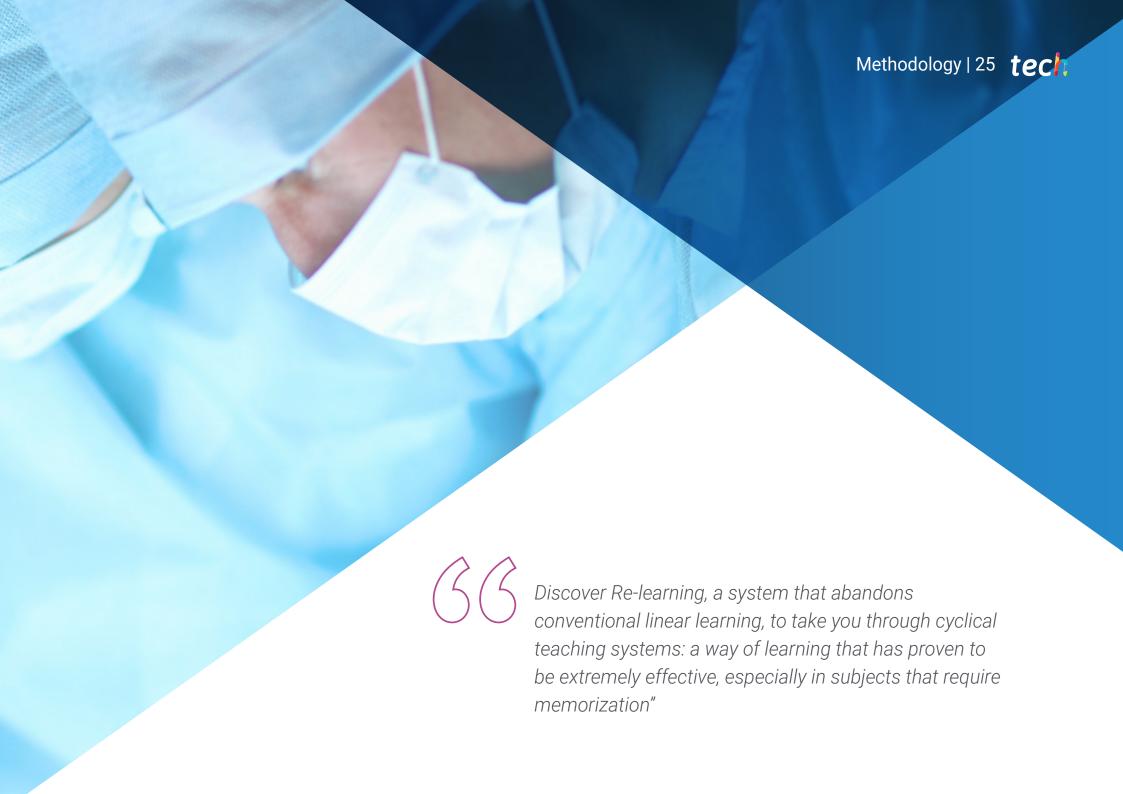
Module 8. Oncologic Emergencies

- 8.1. Basic Management of Patients with Oncologic Emergencies
- 8.2. Febrile Syndrome in Oncologic Patients (Special Attention to Febrile Neutropenia)
- 8.3. Pain and Terminal Sedation
 - 8.3.1. Types of Pain
 - 8.3.2. Pain Treatment
 - 8.3.3. Terminal Sedation
- 8.4. Acute Complications of Chemotherapy Treatment
 - 8.4.1. Mucositis
 - 8.4.2. Acneiform Rash
 - 8.4.3. Nausea and Vomiting
- 8.4.4. Diarrhea
- 8.4.5. Cachexia-Anorexia-Asthenia Syndrome

Module 9. Toxicology Emergencies

- 9.1. General Management of Acute Poisoning
- 9.2. Alcohol Poisoning
- 9.3. Drug Poisoning
 - 9.3.1. Analgesic Poisoning
 - 9.3.2. Digitalis Poisoning
 - 9.3.3. Other Poisoning (Lithium, Ethylene Glycol, Methanol, Beta-Blockers)
 - 9.3.4. Psychotropic Drug Poisoning
- 9.4. Drug Poisoning
- 9.5. Caustic Poisoning
- 9.6. Carbon Monoxide Poisoning
- 9.7. Poisoning from Organophosphate, Carbamate and Organochlorine Insecticides





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At TECH we use the Case Method

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, 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 can 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 potential 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 professional medical 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:

- Students who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
- 2. The learning process has a clear focus on 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.



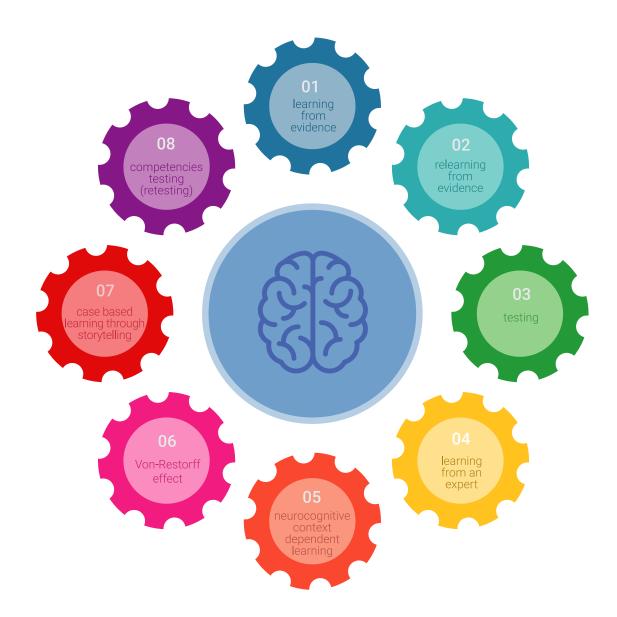


Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.

The physician will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-theart software to facilitate immersive learning.



Methodology | 29 tech

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

With this methodology we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

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

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In this program you will have access to the best educational material, prepared with you 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 really specific and precise.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Latest Techniques and Procedures on Video

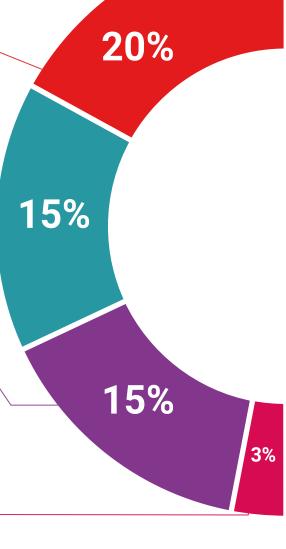
We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

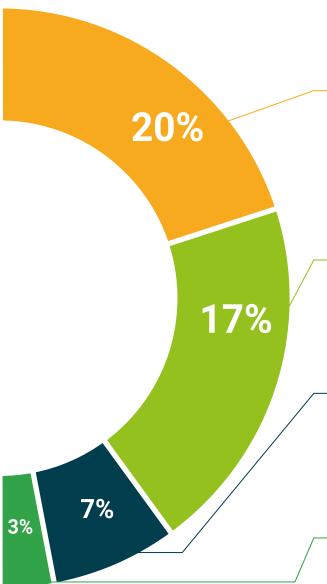
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".





Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.



Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through 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 your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.





Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.







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This private qualification will allow you to obtain a **Postgraduate Diploma in Acute Pathology Care for General Practitioners** 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** private qualification 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 Diploma in Acute Pathology Care for General Practitioners

Modality: online

Duration: 6 months

Accreditation: 24 ECTS



Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Diploma in Acute Pathology Care for General Practitioners

This is a private qualification of 720 hours of duration equivalent to 24 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



^{*}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.

tech global university



Postgraduate Diploma

Acute Pathology Care for General Practitioners

- » Modality: online
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