

Postgraduate Diploma

Acute Pathology Care for General Practitioners





Postgraduate Diploma

Acute Pathology Care for General Practitioners

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 8h/week
- » Schedule: at your own pace
- » Exams: online

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

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 18

05

Methodology

p. 22

06

Certificate

pág.30

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.





“

New scenarios in medicine motivate us to propose new training programs that meet the real needs of experienced professionals, so that they can incorporate advances in medical care for patients with acute pathologies in primary care”

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.



*Update your knowledge through
the Postgraduate Diploma in Acute
Pathology Care in Primary Care”*

“

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.



02 Objectives

The main program objective is to develop theoretical and practical learning, in order to acquire the necessary skills to establish the appropriate diagnosis and treatment in each case, and to correctly and safely provide medical care to patients with acute pathology in primary care.



“

This refresher program will generate a sense of confidence in medical practice with patients with acute pathology in primary care, which will help you grow personally and professionally”



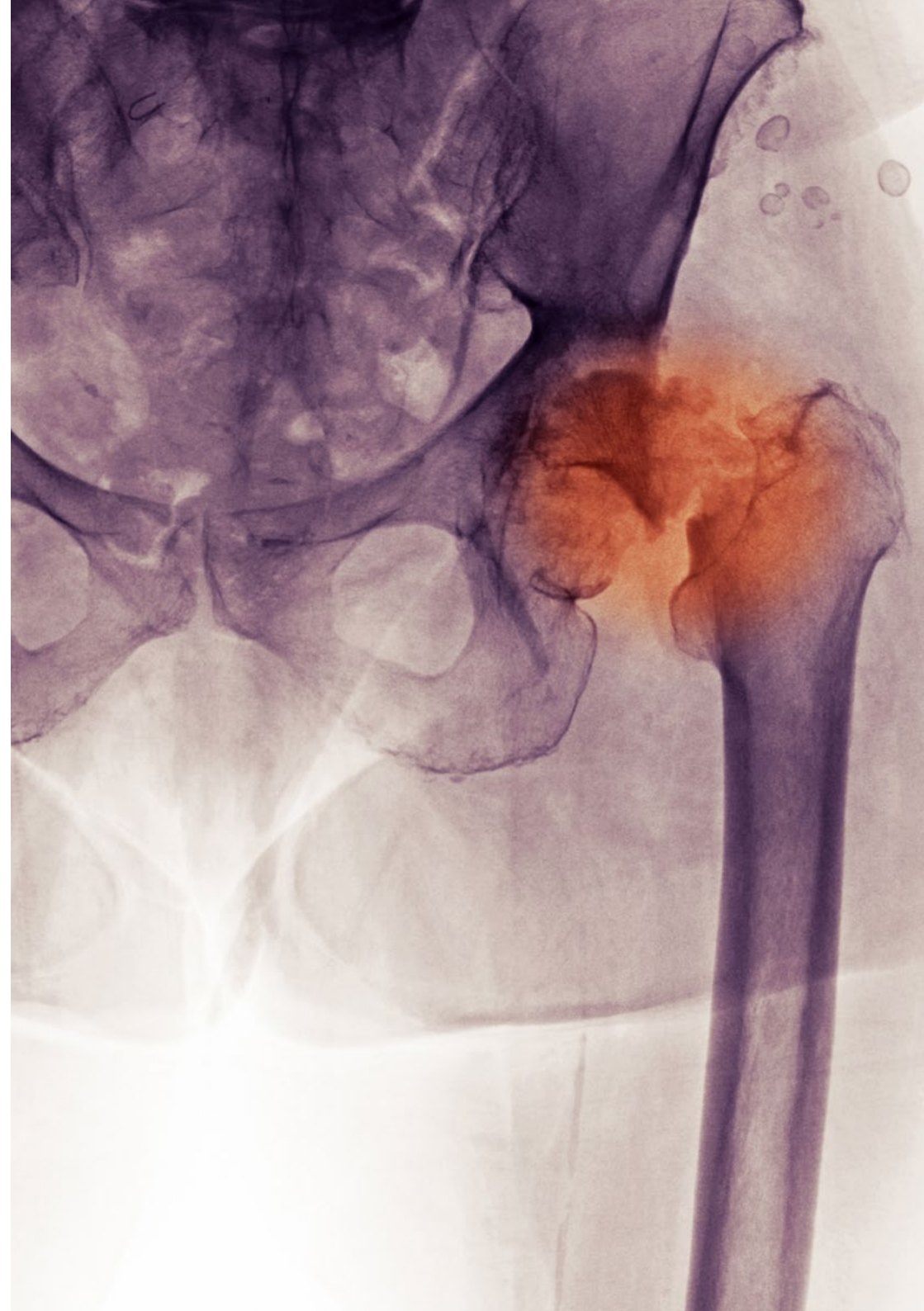
General Objective

- ◆ Provide action rules for the most frequent pediatric, infectious, gynecological, psychiatric, dermatological, hematological, oncological and toxicological emergencies faced by family physicians in their daily clinical practice, helping them to make prompt and accurate decisions.



Specific Objectives

- ◆ Define the structure and organization of emergency services in primary care.
- ◆ Describe clinical history usefulness in the emergency department and the most relevant legal and ethical aspects in emergency health care in primary care.
- ◆ Address general procedure and technique management applied to pediatric emergencies.
- ◆ Address general procedure and technique management applied to patients in infectious emergencies.
- ◆ Address general procedure and technique management applied to patients in gynecological emergencies, during pregnancy and puerperium.
- ◆ Establish action protocol for rape victims.
- ◆ Address general procedure and technique management applied to patients in dermatological emergencies, and during pregnancy and puerperium.



- ♦ Address the general management of the different types of poisoning.
- ♦ Give a demonstrative workshop to explain the procedure for mechanical containment of agitated patients.
- ♦ Describe the comprehensive action plan in the event of an EVE Code.
- ♦ Describe the usefulness of the emergency medical history and the most relevant legal and ethical aspects.
- ♦ Properly manage infectious patients in emergency situations.
- ♦ Properly manage patients with gynecological and obstetric emergencies.
- ♦ Properly manage patients with dermatological emergencies.
- ♦ Carry out the procedure for mechanical containment of agitated patients.
- ♦ Explain the comprehensive action plan in the event of an EVE Code.
- ♦ Properly manage patients with oncologic emergencies.
- ♦ Properly manage patients with psychiatric emergencies.
- ♦ Properly manage intoxicated patients in emergency situations.
- ♦ Properly manage pediatric patient emergencies.



03

Course Management

The program includes in its teaching staff renowned experts in acute pathology in primary care, who have contributed their work experience to this training. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.



“

Learn the latest advances in acute pathology in primary patient care from leading professionals”

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

“

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

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



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

04

Structure and Content

The content structure has been designed by a team of professionals who recognize the implications of training in good medical practice in life-threatening emergencies in primary care, who are aware of the relevance of current knowledge in order to be able to treat emergency patients, and who are committed to quality teaching through new educational technologies.





“

This Postgraduate Diploma in Acute Pathology Care is the most complete and updated scientific program on the market”

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



A unique, key, and decisive training experience to boost your professional development"

05

Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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

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. Gervas, 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:

1. 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-the-art software to facilitate immersive learning.

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.



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.

Learning from an expert strengthens knowledge and memory, and generates confidence in our difficult future decisions.



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.



06 Certificate

The **Postgraduate Diploma in Acute Pathology Care for General Practitioners** guarantees, in addition to the most accurate and up-to-date training, access to a qualification issued by **TECH - Technological University**.





“

Successfully complete this training and receive your university degree without travel or laborious paperwork”

This **Postgraduate Diploma in Acute Pathology Care for General Practitioners** is the most complete and updated scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **certificate** issued by **TECH - Technological University via tracked delivery**.

This qualification contributes significantly to the professional's continuing education and enhances their training with a highly regarded university syllabus, and is 100% valid for all public examinations, professional careers and job vacancies.

Title: **Postgraduate Diploma in Acute Pathology Care for General Practitioners**

ECTS: **20**

Official Number of Hours: **500**



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

health future
confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present
online training
development languages
virtual classroom

tech technological
university

Postgraduate Diploma
Acute Pathology Care for
General Practitioners

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 8h/week
- » Schedule: at your own pace
- » Exams: online

Postgraduate Diploma

Acute Pathology Care for General Practitioners

