

# Postgraduate Diploma

## Psychiatric Pathology vs. Organic Pathology in Emergencies



## Postgraduate Diploma Psychiatric Pathology vs. Organic Pathology in Emergencies

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online



# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 16*

05

Methodology

---

*p. 20*

06

Certificate

---

*p. 28*

# 01

# Introduction

Healthcare personnel frequently encounter patients arriving at the emergency department with psychiatric or behavioral symptoms. The first assessment performed by medical professionals is key to determine whether it is derived from an organic cause or is affected by a medical disorder. This university program will delve into the realization of a correct medical record to determine the causes, as well as the approach to states of intoxication or abstinence in which the patient may be and the latest treatments applied in these cases. All this, with a 100% online format that allows physicians to update their knowledge in this field.





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*With this Postgraduate Diploma, you will be able to renew your knowledge and make it compatible with your professional responsibilities”*

The objective of this Postgraduate Diploma is to provide medical professionals with an update in their knowledge about the diagnosis of patients who come to the emergency department with pathologies in which it is necessary to clearly distinguish from the beginning whether they are organic or psychiatric. Likewise, the teaching team that makes up this program will provide professionals with the latest treatments applied to those patients who come to the emergency department with clear symptoms of intoxication.

A teaching that introduces health professionals to the different clinical pictures that they may encounter in their daily practice. A simulation of real cases provided by a teaching team specialized in this health area, which will allow, for example, doctors to update their knowledge of brain damage that can directly or indirectly cause a picture of *Delirium* or Confusional Syndrome.

Likewise, the students will obtain a renewal of knowledge on the main characteristics and elements that the anamnesis should contain to be able to guide the health professional on the organic causes or the use of toxic pollutants by the patient and the risk factors that they present.

A Postgraduate Diploma taught 100% online that provides health professionals with a renewal of all their knowledge about Psychiatric Emergencies, allowing them to balance their work responsibilities with a high-level education provided by a specialist in the area. Therefore, students will be able to access at any time of the day, with no fixed schedule of sessions, to all the multimedia content and practical cases provided by the teaching team that has developed this university program. All they need is a device with an Internet connection from which they can access the virtual platform 24 hours a day.

This **Postgraduate Diploma in Psychiatric Pathology vs. Organic Pathology in Emergencies** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ♦ The development of practical cases presented by experts in Psychiatric Emergencies
- ♦ 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
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ 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 100% online program will provide you with the latest techniques used in the detection of substance abuse emergencies"*

“

*Delve into the possible neurological causes that can affect a patient and determine the best treatment to apply”*

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

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 immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Delve into this Postgraduate Diploma in acute confusional syndrome from the hand of experts in this field.*

*Update your knowledge in the field of organic pathologies with this university program.*



# 02

# Objectives

This Postgraduate Diploma highlights the value of an adequate pharmacological anamnesis in emergency consultations. That is why, with this program, health professionals will be able to obtain an update on the organic aspects of greatest interest in relation to people with mental disorders, to know the latest scientific advances in therapeutic treatments to be applied in each case and in crisis intervention. All this, with a *Relearning* methodology that favors the enhancement of knowledge in a simpler and more agile way.



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*This Postgraduate Diploma will provide you with up-to-date knowledge on psychiatric pathologies that will be of great application in emergency clinical consultations"*



## General Objectives

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- ♦ Delve into emergency psychiatric care in an integrated manner within the health care setting
- ♦ Delve into the psychiatric interview in emergency medicine and the elaboration of medical histories in this area of care
- ♦ Correctly establish a diagnostic approach in the emergency department, organism screening and psychiatric pathology approach
- ♦ Understand and master the different pathologies that are treated in the emergency department, differential diagnosis and treatment
- ♦ Handle different emergency situations in psychiatry: suicidal patients, affective disorders, emergencies in anxious and psychotic patients and in special populations (the elderly and child and adolescent)



*Learn about the latest techniques applied for the detection of emergencies associated with amphetamine and hallucinogen use"*





## Specific Objectives

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### Module 1. Psychiatric Symptoms in Organic and Neurological Pathology

- ♦ Delve into the importance of taking a good medical history to screen for possible organic causes in patients who come to the psychiatric emergency department
- ♦ Highlight the value of an adequate pharmacological anamnesis
- ♦ Delve into the various organic aspects of major interest in relation to people with mental disorders
- ♦ Train in choosing potential complementary tests to request in psychiatric cases

### Module 2. Acute Confusional Syndrome

- ♦ Identify at-risk subjects and maintain close surveillance
- ♦ Delve into non-pharmacological primary prevention measures
- ♦ Delve into the therapeutic approach after the onset of the condition
- ♦ Delve into differential diagnosis

### Module 3. Substance Use Emergencies

- ♦ Delve into the approach to states of intoxication/abstinence, reasons for care and urgent treatment plans in patients with substance dependence
- ♦ Emphasize the importance of taking a complete medical record when the patient's situation allows it
- ♦ Delve into the symptoms derived from drug use for which patients may go to the emergency department
- ♦ Identify risk factors in patients with mental disorders and concomitant substance use
- ♦ Delve into the elaboration of the treatment plan to be followed (crisis intervention, referral to a specific device, criteria for urgent hospital admission)

# 03

# Course Management

TECH selects expert professionals in the area for all its programs in order to offer students a high level and quality education, according to the demands of each sector. In this case, the medical professional has a teaching team with extensive experience in the field of Psychiatry in reference hospitals in this health field. Thanks to their experience, they will contribute to this program with up-to-date content in accordance with the reality that health personnel in the emergency department experience on a daily basis.





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*A teaching team specialized in the area of psychiatry will guide you through the latest scientific advances on treatments applied to patients with disorders"*

## Management



### Dr. Sánchez-Cabezudo Muñoz, Ángeles

- ◆ Specialist, Short Stay Unit, Toledo Hospital Complex
- ◆ Psychiatrist, Mental Health Outpatient Clinic, Toledo Hospital Complex
- ◆ Specialist in the Short Stay Unit of the Virgen del Prado Hospital
- ◆ Psychiatrist at the 12 de Octubre University Hospital
- ◆ Psychiatrist at the Mental Health Center Usera
- ◆ Researcher and teaching medical specialist, Brief Hospitalization Unit, Virgen del Prado Hospital
- ◆ Degree in Medicine and Surgery from the Complutense University of Madrid
- ◆ Specialist in Psychiatry, La Paz University Hospital
- ◆ Diploma in Clinical Management in Psychiatry, Pompeu Fabra University
- ◆ He is a member of the working group on the prevention of suicidal behavior in Castilla La Mancha



## Professors

### Dr. García, Elías

- ◆ Psychiatrist expert in Child and Adolescent Pathology
- ◆ Psychiatrist, Transition/First Consumption Program, Toledo Hospital Complex
- ◆ Psychiatrist, Tetuan and Ciudad Lineal Mental Health Unit, Madrid
- ◆ Psychiatrist at Clínica San Miguel, Madrid
- ◆ Psychiatrist, General Hospital of Ciudad Real
- ◆ Graduate in Medicine and Surgery from the Navarra University
- ◆ Specialist in Psychiatry, La Paz University Hospital
- ◆ Master's Degree in Psychotherapy, Integrated Perspectives, University of Alcalá
- ◆ Postgraduate Studies in Child and Adolescent Psychiatry, University of Barcelona
- ◆ Postgraduate Studies in Treatment of Child and Adolescent Psychiatric Pathology, Cardenal Herrera Oria University

### Dr. Santolaya López, Laura

- ◆ Specialist in Psychiatry, Toledo Hospital Complex
- ◆ Degree in Medicine from the European University of Madrid
- ◆ Specialization in Clinical Interviewing Skills and Doctor-Patient Relationship by the Toledo Hospital Complex
- ◆ Specialty in Updating and Training of Basic Therapeutic Skills by the Ministry of Health
- ◆ Book chapter "Clinical cases on the use of duxoletin. Duxoletin in anxiety and depression"

# 04

## Structure and Content

TECH uses in its programs contents that favor the updating of knowledge through video summaries, videos in detail and simulations of real cases. A quality syllabus that has been prepared by the specialized teaching team and that will allow, in an attractive and visual way, to acquire a renewal of knowledge in a more direct and applicable way to the different situations that health personnel must face. All this in an online mode, flexible and ideal for compatibility with the professional environment.



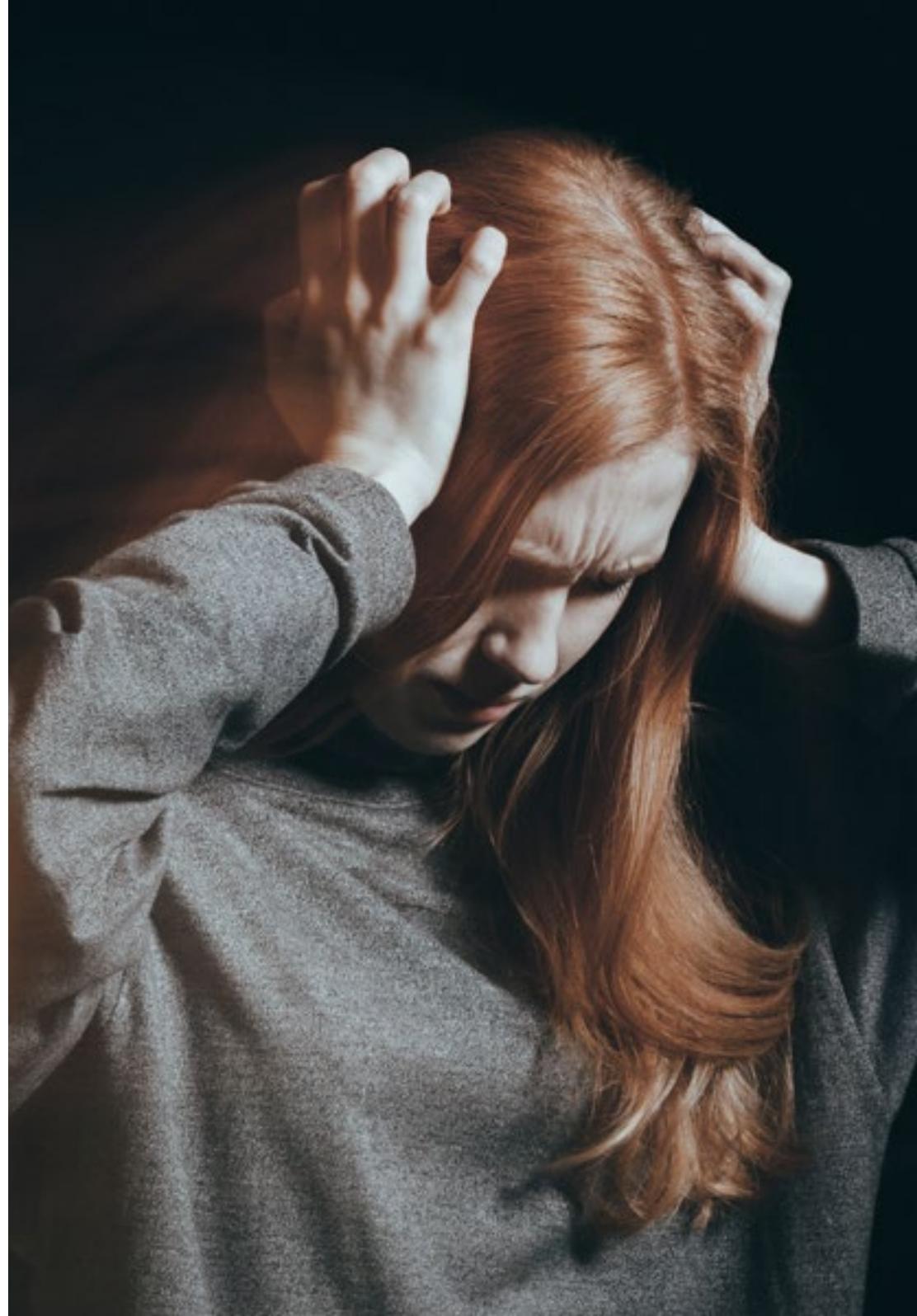


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*An extensive library of multimedia resources will allow you to update your knowledge in a more attractive and direct way”*

## Module 1. Psychiatric Symptoms in Organic and Neurological Pathology

- 1.1. Cardiovascular Pathologies
  - 1.1.1. Arrhythmias
  - 1.1.2. Ischemic Heart Disease
  - 1.1.3. Mitral Valve Prolapse
  - 1.1.4. Heart Failure
- 1.2. Oncologic Pathologies
- 1.3. Endocrine Pathologies
  - 1.3.1. Toxic and Metabolic Causes of Psychiatric Symptoms
  - 1.3.2. Electrolyte, Calcium and Magnesium Disorders
  - 1.3.3. Disorders of Acid-Base Balance
  - 1.3.4. Acute Intermittent Porphyria
- 1.4. Rheumatologic Pathologies
  - 1.4.1. Collagen Vascular Diseases
  - 1.4.2. Mixed Connective Tissue Diseases
  - 1.4.3. Vasculitis
- 1.5. Renal Pathologies
- 1.6. Infectious Pathologies
- 1.7. Respiratory Diseases
- 1.8. Liver Diseases
  - 1.8.1. Hepatic Encephalopathy
- 1.9. Neurological Disorders
  - 1.9.1. Neurological Disorders that May Cause Urgent Psychiatric Symptoms
    - 1.9.1.1. Neurodegenerative Diseases
    - 1.9.1.2. Secondary Dementias
    - 1.9.1.3. Space Occupying Lesions
    - 1.9.1.4. Stroke
    - 1.9.1.5. CNS Infections
    - 1.9.1.6. Autoimmune Processes
    - 1.9.1.7. Inborn Errors of Metabolism
- 1.10. Approach to Urgent Psychiatric Symptoms and Potential Neurological Causes



## Module 2. Acute Confusional Syndrome

- 2.1. Overview
- 2.2. Etiology and Risk Factors
  - 2.2.1. Disorders Frequently Associated with Confusional State
  - 2.2.2. Threatening Causes of Confusional State
- 2.3. Neuropathogenesis
- 2.4. Diagnosis
  - 2.4.1. ICD-10 Diagnostic Guidelines for Confusional State
  - 2.4.2. Confusional State in DSM-5
- 2.5. Differential Diagnosis
  - 2.5.1. Confusional State vs. Cognitive Impairment
- 2.6. Types of *Delirium*
  - 2.6.1. Acute
  - 2.6.2. Persistent
  - 2.6.3. Hypoactive
  - 2.6.4. Hyperactive
  - 2.6.5. Mixed Level of Activity
- 2.7. Patient Exploration
- 2.8. Prevention
  - 2.8.1. Environmental Measures in the Management of Confusional State
- 2.9. Prognosis
- 2.10. Treatment
  - 2.10.1. Specific Strategies for Confusional State
  - 2.10.2. Pharmacological Treatment of Confusional State

## Module 3. Substance Use Emergencies

- 3.1. Measures. Signs Suggestive of Substance Use
- 3.2. Opiate Use Emergencies
  - 3.2.1. Opiate Intoxication
  - 3.2.2. Opioid Withdrawal
- 3.3. Cocaine Use Emergencies
  - 3.3.1. Cocaine Intoxication
  - 3.3.2. Cocaine Withdrawal
- 3.4. Cannabis Use Emergencies
  - 3.4.1. Cannabis Poisoning
- 3.5. Benzodiazepines Use Emergencies
  - 3.5.1. Benzodiazepine Intoxication
  - 3.5.2. Benzodiazepine Withdrawal Syndrome
- 3.6. Alcohol Use Emergencies
  - 3.6.1. Acute, Typical or Simple Intoxication
  - 3.6.2. Pathological Inebriation
  - 3.6.3. Treatment of Acute Alcohol Poisoning
  - 3.6.4. Alcohol Withdrawal Syndrome
  - 3.6.5. *Delirium Tremens*
  - 3.6.6. Convulsive Seizures
  - 3.6.7. Alcohol Use Psychiatric Emergencies
- 3.7. Amphetamine and Hallucinogenic Emergencies
- 3.8. Dual Pathology in the Psychiatric Emergency Department
- 3.9. Pathological Gambling Emergencies
- 3.10. New Technology Emergencies

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.



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*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.

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*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

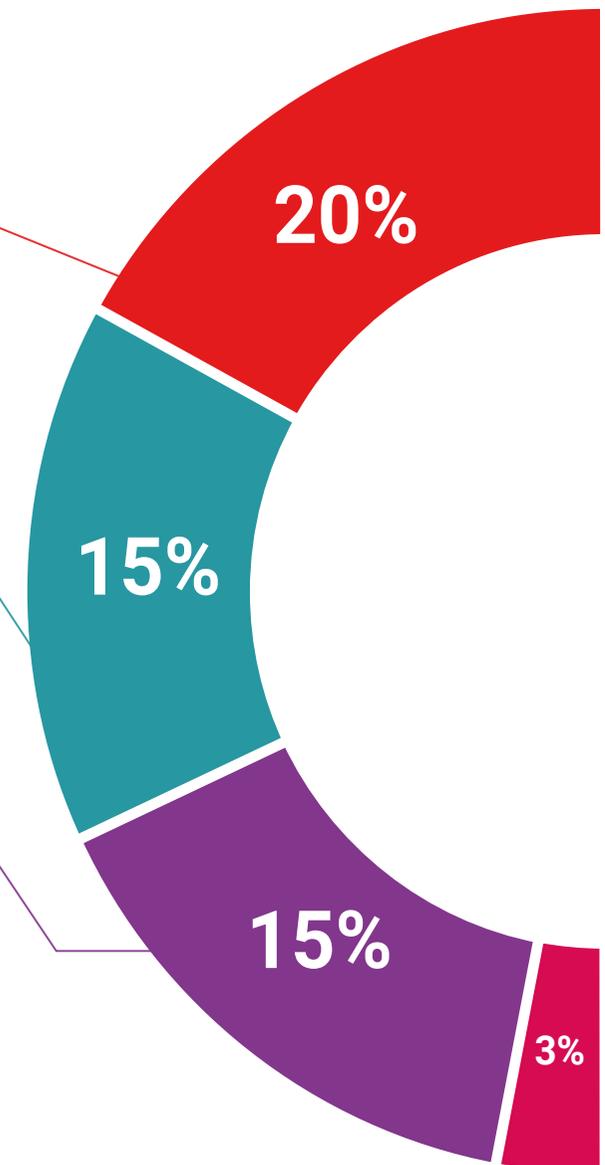
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Diploma in Psychiatric Pathology vs. Organic Pathology in Emergencies guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.



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

This **Postgraduate Diploma in Psychiatric Pathology vs. Organic Pathology in Emergencies** contains the most complete and up-to-date scientific program on the market.

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

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Diploma in Psychiatric Pathology vs. Organic Pathology in Emergencies**

Official N° of Hours: **450 h.**



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

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education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom

**tech** technological  
university

**Postgraduate Diploma**  
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in Emergencies

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