

# Postgraduate Certificate

## Special Considerations in the Approach and Treatment of Psychotic Disorders





## Postgraduate Certificate Special Considerations in the Approach and Treatment of Psychotic Disorders

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/medicine/postgraduate-certificate/special-considerations-approach-treatment-psychotic-disorders](http://www.techtute.com/us/medicine/postgraduate-certificate/special-considerations-approach-treatment-psychotic-disorders)

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# 01

# Introduction

Drugs are a fundamental asset in the treatment of pathologies such as Schizophreniform Disorder. In this sense, they help to reduce symptoms such as delirium, disordered thinking or agitated states. However, the advances that have been made in this field over the last few decades have led to a large part of the drugs becoming obsolete. Hence the importance for physicians not to use outdated and ambiguous products that worsen patients' health. For this reason, TECH has implemented an intensive program that delves into the most innovative drugs from the point of view of Psychotherapy. All this through a disruptive methodology, *Relearning*, and a 100% online modality.





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*You will master the contraindications of Electroconvulsive Therapy to combat cases of Depression, Catatonia and intense Euphoria thanks to this very complete Postgraduate Certificate"*

New technologies applied to the medical area have made it possible for mental health experts to identify early the risk of developing psychotic disorders and thus improve therapeutic options. An example of this evolution is the neuroimaging technique. This procedure has multiple benefits, including the localization of affected brain areas, the differentiation of pathologies and responses to treatment.

However, this tool also brings challenges related to technical limitations.

In this context, TECH has developed a revolutionary learning course to offer healthcare experts the most effective technological advances in the medical field. Developed by a top-level teaching group, the curriculum will delve into Transcranial Magnetic Stimulation to stimulate nerve cells and alleviate symptoms of major depression. In this way, graduates will be qualified to perform non-invasive procedures without resorting to conventional surgery. In addition, the syllabus will address how to intervene appropriately in suicidal thoughts in the face of psychotic disorders. Moreover, the didactic materials will address the legal aspects that physicians must take into account when treating these cases.

In order to consolidate these contents, the methodology of this program reinforces its innovative character. TECH offers a 100% online learning environment, adapted to the needs of busy professionals seeking to advance their careers. Likewise, it employs the Relearning teaching method, based on the repetition of key concepts to fix knowledge and facilitate learning. In this way, the combination of flexibility and a robust pedagogical approach makes it highly accessible. Students will also have access to a library full of multimedia resources in different audiovisual formats such as interactive summaries, explanatory videos, photographs, case studies and infographics.

This **Postgraduate Certificate in Special Considerations in the Approach and Treatment of Psychotic Disorders** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Psychotic Disorders.
- ♦ 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



*You will delve into the advantages of antipsychotic agents to control agitation in emergency situations through this disruptive program"*

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*You will understand in detail the influence of medication on the brain and use drugs with fewer side effects”*

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational 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 academic year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Do you want to keep up to date with the main pharmacological novelties? Do it in only 6 weeks through this unique program.*

*A study plan with a Relearning system that will facilitate the renewal of knowledge in the therapeutic approach.*



02

# Objectives

This curriculum will enable specialists to offer their patients the most advanced techniques in the approach to psychotic treatments. In this sense, graduates will acquire an integral vision that will allow them to select the most beneficial pharmacological products according to their effectiveness. In addition, they will apply in their work practice new therapies (including Electroconvulsive Therapy) that will considerably improve the prognosis of patients.





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*You will stay at the forefront in the field of Medical Psychiatry thanks to this revolutionary program from TECH, the best online university in the world according to Forbes"*



## General Objectives

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- ♦ Delve into the current classification of Psychotic Disorders in the different manuals: DSM-5 and ICD-11
- ♦ Consolidate the fundamental clinical aspects of Psychotic Disorders
- ♦ Gain knowledge about the evolution of Psychotic Disorders over time
- ♦ Identify the different types of Psychotic Disorders, their clinical characteristics and diagnosis
- ♦ Delve into the different diagnostic techniques and their new developments in Psychotic Disorders
- ♦ Perform a correct diagnostic approach to Psychotic Disorders
- ♦ Master the different pharmacological and psychotherapeutic approaches to Psychotic Disorders
- ♦ Detail and know the bio-psycho-social influence of Psychotic Disorders in children and adolescent, adult and elderly stages
- ♦ Learn about new approaches to intervention in the rehabilitation of schizophrenia and psychotic disorders
- ♦ Delve into new lines of scientific research in psychotic disorders





## Specific Objectives

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- Update on the effects of drugs on Psychotic Disorders.
- Gain knowledge about how to manage and choose pharmacological treatments according to their evidence/efficacy/effectiveness
- Delve into Electroconvulsive Therapy (ECT) in Psychotic Disorders
- Address the use of Transcranial Magnetic Stimulation (TMS) in Psychotic Disorders

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*Relearning will enable you to assimilate the content with less effort and more performance, involving you more in your professional specialization”*

# 03

# Course Management

With the aim to offer the highest quality education, TECH has a teaching faculty of excellence. These professionals have extensive work experience, which has allowed them to integrate the teams of prestigious hospitals. Therefore, the syllabus is characterized by having the most updated and complete contents on the approach and treatment of psychotic pathologies. In addition, they provide students with the most advanced technological tools to contribute to the wellbeing of their patients.





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*The faculty of this program  
has a long history of research  
and professional application”*

## International Guest Director

Dr. David Kimhy conducts his extensive clinical and academic work at the Icahn School of Medicine at Mount Sinai. Specifically, he directs the Experimental Psychopathology Laboratory and heads the New Interventions in Schizophrenia Program. At the same time, he collaborates with the New York Mental Illness Research, Education and Clinical Center (NY MIRECC).

The research work of this prestigious psychiatrist is characterized by integrating innovative approaches that facilitate the understanding and treatment of psychotic disorders. In this way, his work has focused on addressing the cognitive, affective and behavioral processes that underlie severe mental illness.

He also leads 2 major studies funded by the American Institute of Mental Health. The first is a randomized, multi-site, blinded clinical trial that delves into the efficacy of aerobic exercise in improving neurocognition and daily functioning. In addition, it analyzes the impact of sleep on individual faculties as well. In turn, with these studies, he addresses the role of biomarkers such as BDNF and other neurotrophins in the change of abilities in each individual.

Dr. Kimhy's more than 2 decades of experience have made him a true international authority on cognitive and behavioral interventions aimed at improving the affective and social functioning of patients. To acquire his most advanced skills, this expert has completed postdoctoral stays and fellowships at leading centers such as the Schizophrenia Research Laboratory at Columbia University and the Beck Institute. Moreover, he has published several articles in some of the most important scientific journals. Likewise, his results have been reported by media such as NBC News, Scientific American and New York Magazine.



## Dr. Kimhy, David

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- Director of the Experimental Psychopathology Laboratory at Icahn School of Medicine at Mount Sinai, NY, USA
- Director of the New Interventions in Schizophrenia Program at the Icahn School of Medicine at Mount Sinai
- Investigator of the New York Mental Illness Research, Education and Clinical Center (NY MIRECC)
- Consultant on NeuroCog Trials
- Postdoctoral Research Fellow at Columbia University Medical Center
- Research Fellow at the Beck Institute for Cognitive-Behavioral Therapy
- Clinical Psychology Fellow in Psychology at Long Island Jewish Medical Center

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

## Management



### Dr. Soto Laguna, Marta

- ♦ Psychiatrist Expert in Anxiety Disorders
- ♦ Psychiatrist at Enova Medical Center
- ♦ Author and co-author of book chapters related to Psychiatry
- ♦ Co-author of articles for scientific journals
- ♦ Speaker at congresses and conferences in her specialty
- ♦ Master's Degree in Legal Psychiatry from the Complutense University of Madrid.

## Professors

### Dr. Bullón Sáez, Alberto

- ♦ Medical specialist in Psychiatry at the López Ibor Clinic
- ♦ Psychiatrist in the Hospitalization Unit, Severe Mental Disorder and Psychotic Disorders at the López Ibor Clinic
- ♦ President of the Spanish Society of Psychiatry Residents
- ♦ International Delegate in the European Federation of Psychiatric Trainees (EFPT)
- ♦ Interuniversity Master's Degree in Initiation to Research in Mental Health at the Complutense University of Madrid
- ♦ Master's Degree in Psychopharmacology, University of Valencia
- ♦ University Expert in Biostatistics at the European University Miguel de Cervantes
- ♦ University Expert in Bipolar Disorder from the University of Barcelona
- ♦ Degree in Medicine from the European University





# 04

## Structure and Content

Prepared by a teaching team specialized in the area of mental health, this academic itinerary will address aspects related to pharmacological treatments for psychotic illnesses and the contributions that families can make. In this sense, the syllabus will delve into how these products generate physiological modifications. In addition, the didactic materials will delve into the most prevalent techniques, among which Electroconvulsive Therapy and Transcranial Magnetic Stimulation stand out. In this way, graduates will learn the most avant-garde techniques for the exercise of their professional activity.



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*Take advantage of the opportunity to get up to date in the latest trends in the approach to Psychotic Disorders with this exclusive program"*

## Module 1. Special Considerations in the Approach and Treatment of Psychotic Disorders

- 1.1. Pharmacological Treatment or not of Psychotic Disorders
  - 1.1.1. Classification
- 1.2. Changes in Pharmacological Treatment up to the Present Day
  - 1.2.1. The Abandonment of Certain Drugs
- 1.3. Antipsychotics and their Influence on the Patient's Quality of Life
  - 1.3.1. Factors that Determine Correct Adherence
- 1.4. Other Pharmacological Modalities Used in Psychotic Disorders
- 1.5. Pharmacological Developments
  - 1.5.1. New and Relevant Studies
- 1.6. Influence of Medication on the Brain
  - 1.6.1. Responses through Neuroimaging
- 1.7. Suicide in Psychotic Disorders
  - 1.7.1. Current Figures and Special Considerations
  - 1.7.2. Approach
- 1.8. Electroconvulsive Therapy (ECT) and its use in Psychotic Disorders
  - 1.8.1. Indications in the Psychotic Spectrum
- 1.9. Transcranial Magnetic Stimulation (TMS) and Psychotic Disorders
  - 1.9.1. Indications in the Psychotic Spectrum
- 1.10. Conduction and Psychotropic Drugs in Psychotic Disorders
  - 1.10.1. Legal Aspects





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*Enjoy 24-hour access to the most innovative educational material offered by this Postgraduate Certificate”*

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 Certificate in Special Considerations in the Approach and Treatment of Psychotic Disorders guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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*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 Special Considerations in the Approach and Treatment of Psychotic Disorders** 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 Special Considerations in the Approach and Treatment of Psychotic Disorders**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



\*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.





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