

# Postgraduate Diploma

## Child and Adolescent Psychiatric Emergencies





## Postgraduate Diploma Child and Adolescent Psychiatric Emergencies

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

Website: [www.techtitute.com/pk/medicine/postgraduate-diploma/postgraduate-diploma-child-adolescent-psychiatric-emergencies](http://www.techtitute.com/pk/medicine/postgraduate-diploma/postgraduate-diploma-child-adolescent-psychiatric-emergencies)

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# 01

# Introduction

Child and Adolescent Psychiatry is not a subspecialty of Psychiatry or Pediatrics. It is a convergence of both, but also of Psychology and Pedagogy, among others. It is not a simple extension of them, and this has been recognized throughout the world for decades.

*This Postgraduate Diploma in Child and Adolescent Psychiatric Emergencies is the most complete and up-to-date scientific program on the market.*





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*Improve your knowledge in Child Psychiatric Treatments through this program, where you will find the best didactic material with real clinical cases. Learn here about the latest advances in the specialty to perform quality medical practice”*

The WHO in 2005 (Child and Adolescent Mental Health Policies and Plans) launched its global alert:

- ♦ "Most psychiatric disorders in childhood are not adequately addressed, resulting in: increased social costs, increased rates of psychiatric morbidity in adulthood, and increased rates of delinquency.
- ♦ Individuals with untreated mental disorders represent a disproportionate segment of the population in the juvenile and adult delinquency justice systems.
- ♦ These sequelae are particularly tragic because some mental illnesses are preventable, many are treatable, and children with psychiatric disorders could live normal or near-normal lives if given appropriate treatment."

This **Postgraduate Diploma in Child and Adolescent Psychiatric Emergencies** is the most complete and up-to-date 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 of which they are composed provide scientific and practical information on the disciplines that are essential for professional practice.
- ♦ The latests developments in Child and Adolescent Psychiatric Emergencies.
- ♦ Algorithm-based interactive learning system for decision-making in the presented clinical situations.
- ♦ With special emphasis on evidence-based medicine and research methodologies in Psychiatry.
- ♦ 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.



*Increase your skills in the approach to child psychiatric pathologies"*

“

*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 Child and Adolescent Psychiatric Emergencies, you will obtain a qualification from TECH - Technological University”*

Forming part of the teaching staff is a group of professionals in the world of psychiatry, who bring to this course their work experience, as well as a group of renowned specialists recognized by 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 physician must try to solve the different professional practice situations that arise during the course. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of psychiatry with extensive teaching experience.

*Increase your decision-making confidence by updating your knowledge with this Postgraduate Diploma in Child and Adolescent Psychiatric Emergencies.*

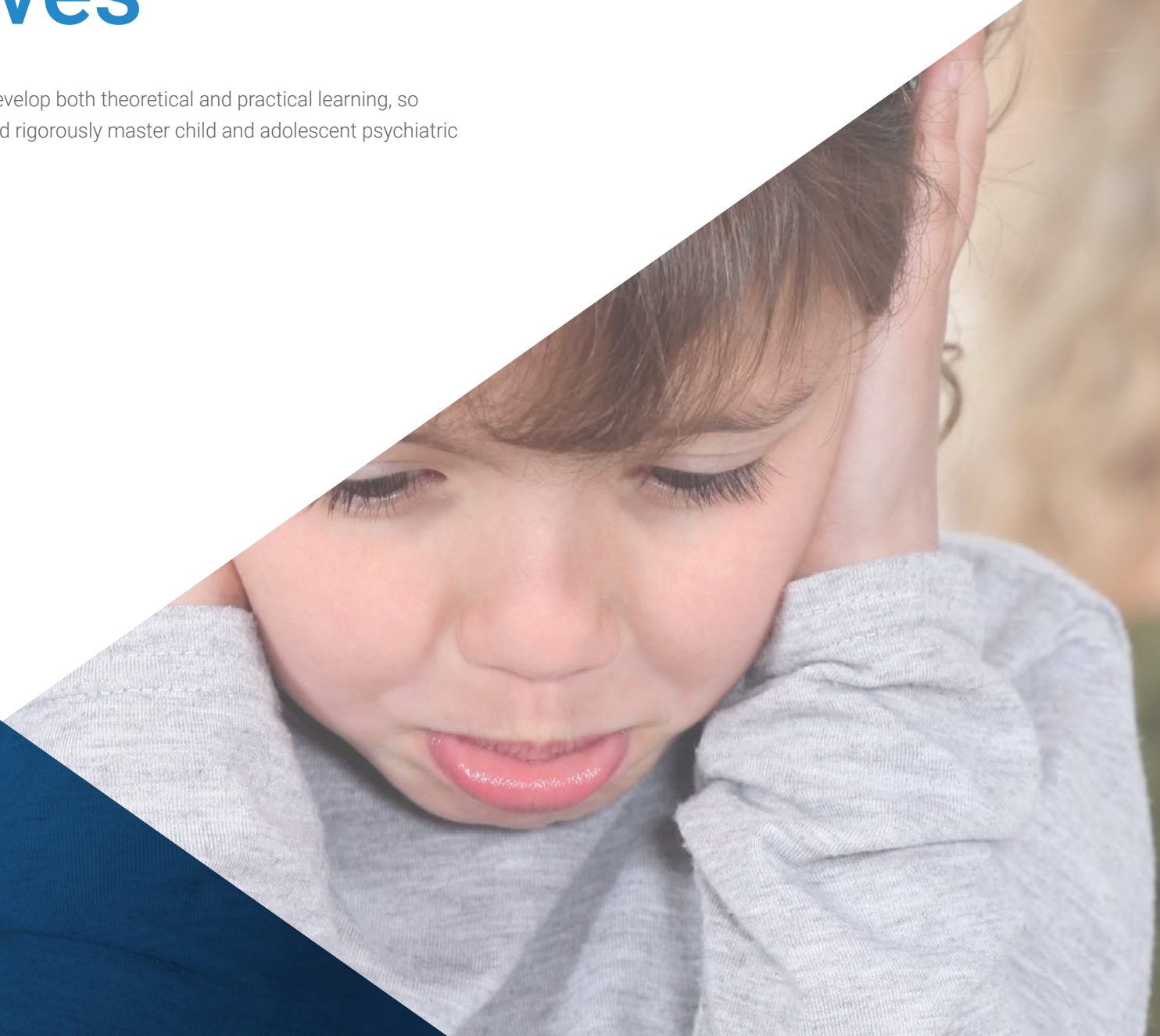
*Don't miss the opportunity to update your knowledge of Child and Adolescent Psychiatric Emergencies to improve patient care.*



02

# Objectives

The main program objective is to develop both theoretical and practical learning, so that psychiatrists can practically and rigorously master child and adolescent psychiatric emergencies.





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*This refresher program will generate a sense of confidence when practicing medicine and will help you grow both personally and professionally”*



## General Objective

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- ♦ This program is aimed at facilitating doctor performance in urgently treating psychiatric pathologies in children and adolescents.



## Specific Module Objectives

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- ♦ Manage the different classification systems of mental disorders in childhood and adolescence, especially multi-axial types.
- ♦ Describe the clinical evaluation and diagnostic procedures in childhood and adolescence.
- ♦ Gain sufficient skills for establishing differential diagnosis criteria in childhood and adolescence.
- ♦ Adequately assess the multicausality and concausality of psychopathological and clinical disorders in childhood and adolescence.
- ♦ Deepen knowledge of new diagnostic methods in childhood and adolescence..
- ♦ Identify the treatment possibilities for psychopathological disorders in childhood and adolescence.
- ♦ Describe and respect bioethical approaches in childhood and adolescence.
- ♦ Acquire the skills to deal with underaged patients.





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*Seize the opportunity and take the step to get up to date on the latest developments in child and adolescent psychiatric emergencies”*

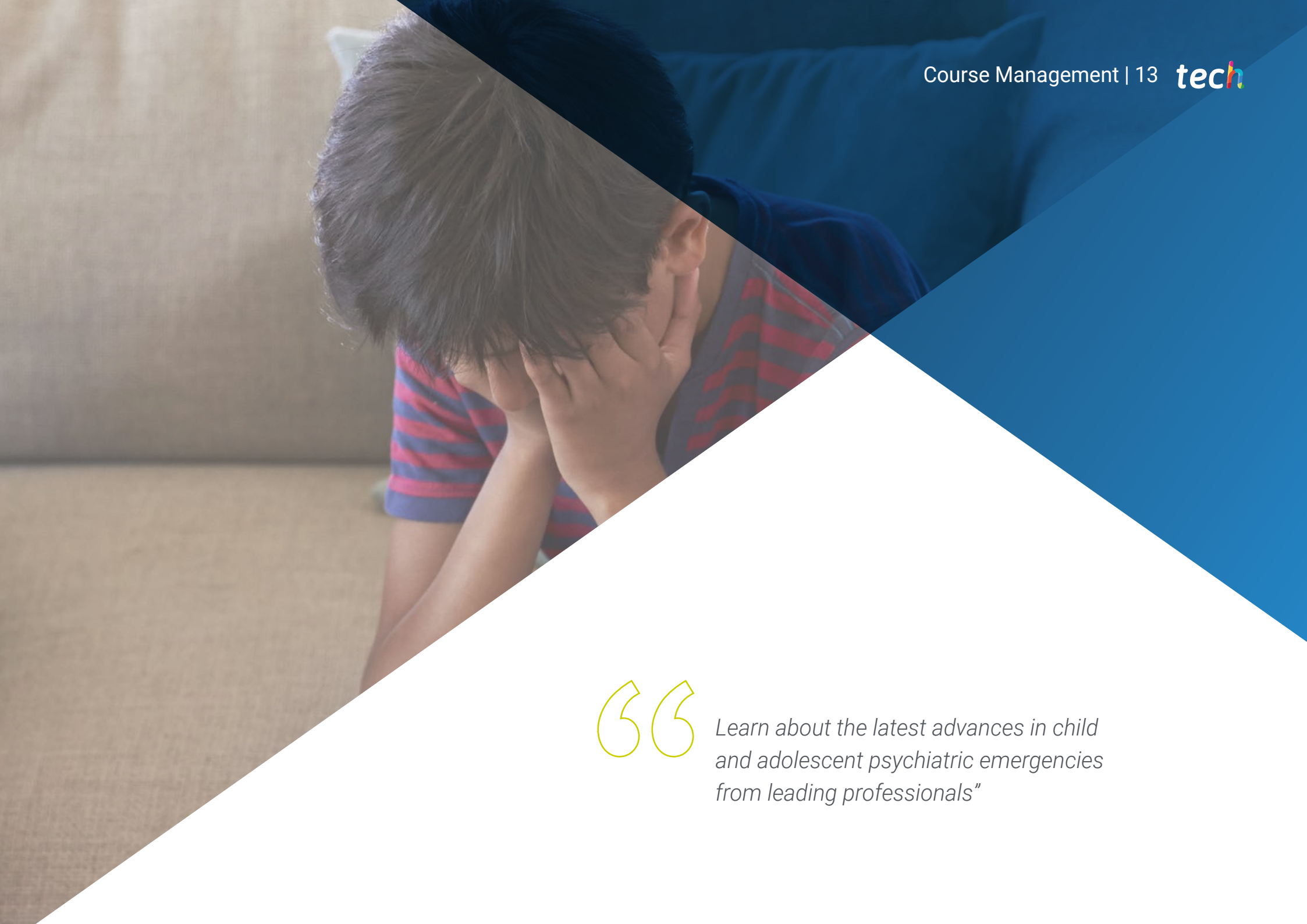
03

# Course Management

This program includes highly regarded health professionals in the field of psychiatry in its teaching staff, who bring the experience of their work to this training.

In addition, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and preparing the program.





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*Learn about the latest advances in child and adolescent psychiatric emergencies from leading professionals”*

## International Guest Director

Included as one of the “most influential minds” in the Clarivate list and with more than 40 research awards, Dr. Christoph U. Corell is one of the major references in the field of Psychiatry. He has developed his professional, teaching and scientific career in Germany, Great Britain and the United States.

His passion for this specialty led him to focus his efforts on the study of the identification and treatment of young people and adults with severe mental illnesses. He has also conducted numerous clinical trials and has delved into areas such as Schizophrenia, Bipolar Disorder, Major Depression and other psychotic disorders.

Corell has also focused on the analysis of mood and autism/behavioral spectrum disorders, ranging from the prodrome to the first episode, patients with multiple episodes and refractory illnesses. The result of his hard work is reflected in the more than 700 journal articles, authored and co-authored, which place him with a Google Scholar Index h 136. He also has numerous publications, active participation in national and international conferences.

A great potential that is evident, in turn, in his performance as a professor in the classrooms of high-level academic institutions. In addition, he is an international reference in his role as a communicator, which has led him to participate in media spaces, where he conveys information in a simple and direct way both to the public and to other experts in the same field.



## Dr. Corell, Christoph U.

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- ♦ Researcher at the Center for Psychiatric Neuroscience Feinstein Institute for Medical Research
- ♦ Medical Director at Zucker Hillside Hospital in the Recognition and Prevention Program (RAP)
- ♦ Co-Director of the Child and Adolescent Psychiatry Laboratory of the Center for Psychiatric Neuroscience at Feinstein Institute for Medical Research
- ♦ Professor of Psychiatry at the Hofstra/Northwell Zucker School of Medicine
- ♦ Professor and Head of the Department of Child and Adolescent Psychiatry at Charité University Medicine, Berlin
- ♦ Medical degree from the Free University of Berlin and the University of Dundee Medical School
- ♦ Member of: International Society for Bipolar Disorders (ISBD), German Association of Child and Adolescent Psychiatry (DGKJP), Lundbeck International Neuroscience Foundation (LINF), Société Médico-Psychologique, Schizophrenia International Research Society (SIRS), American Society of Clinical Psychopharmacology (ASCP), International Early Psychosis Association (IEPA), Nordostdeutsche Gesellschaft für Psychiatrie, Psychotherapie und Psychosomatik des Kindes- und Jugendalters e. V., European College of Neuropsychopharmacology (ECNP)

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

## Management



### Dr. Cantó Diez, Tomás J.

- ◊ Degree in Medicine from the University of Alicante
- ◊ Specialist in Psychiatry, Clinical Provincial Hospital in Barcelona
- ◊ Master's Degree in Clinical Management and Mental Health, Pablo Olavide University, Seville
- ◊ Psychiatrist of the Special Training Unit at the 'Lucentum' Shelter for Minors, in Alicante, dependent on the Department of Equality and Inclusive Policies of the Generalitat Valenciana
- ◊ Coordinator of the Childhood Mental Health Unit, Alicante University General Hospital
- ◊ Professor for the Master's Degree in Mental Health, Miguel Hernandez de Elche University
- ◊ Professor for the Refresher Course in Child and Adolescent Mental Health, Miguel Hernandez de Elche University
- ◊ Clinical Practice Tutor, Miguel Hernandez de Elche University
- ◊ Member of the Spanish Association of Child and Adolescent Psychiatry (AEPNYA)
- ◊ Former President of the Publications Committee of the Spanish Association of Child and Adolescent Psychiatry
- ◊ Member of the American Academy of Child and Adolescent Psychiatry (AACAP)
- ◊ Member of the Society of Psychiatry of the Valencian Community (SPCV)
- ◊ Member of the Spanish Society of Psychiatry (SEP)





### Dr. Alda, José Angel

- ◆ Degree in Medicine from the University of Zaragoza
- ◆ Specialist in Psychiatry
- ◆ Doctor of Medicine and Surgery from the University of Zaragoza.
- ◆ Head of the Child and Adolescent Psychiatry Department at Sant Joan de Déu Hospital, Barcelona
- ◆ Head of the ADHD Unit at Sant Joan de Déu Hospital, Barcelona
- ◆ Professor for the Master's Degree in Clinical Child and Adolescent Psychopathology in the faculty of Psychology at the Autonomous University of Barcelona
- ◆ Professor for the Master's Degree in Clinical Child and Adolescent Psychopathology in the faculty of Psychology at the Autonomous University of Barcelona
- ◆ Professor on the Adana Foundation Master's Postgraduate Course Specialization in ADHD, Learning Disorders and Behavioral Disorders
- ◆ Professor for the Training Master's in Paidopsychiatry Autonomous University of Barcelona
- ◆ Professor for the Master's Degree in Neuropediatrics University of Barcelona
- ◆ Professor of the Master's Degree in Nursing Care in Childhood and Adolescence Sant Joan de Déu University
- ◆ Professor of the degree subject "Mental Health Nursing" Sant Joan de Déu University Esplugues
- ◆ Director of Doctoral and Master's Thesis
- ◆ Collaborating Researcher in the Research Group "Etiopatogènia i tractament dels trastorns mentals greus" ("Etiopathology and treatment of severe mental disorders") recognized as Consolidated Research Group by the Generalitat de Catalunya. Referència 2013-SGR-1603. Coordinator Dr. Judith Usall i Rodié
- ◆ Collaborating Researcher in the Research Group "Etiopatogènia i tractament dels trastorns mentals greus" ("Etiopathology and treatment of severe mental disorders") recognized as Consolidated Research Group in the Parc Sanitari Sant Joan de Déu Group Coordinator Dr. Judith Usall i Rodié
- ◆ Member of the Spanish Association of Child and Adolescent Psychiatry (AEPNYA)
- ◆ Member of the Medical Sciences Academy of Catalunya
- ◆ Coordinator of the Clinical Practice Guide on ADHD for the Ministry of Health (2010)
- ◆ Member of the creation group of the Clinical Practice Guide on ADHD for the Ministry of Health (2016)
- ◆ Vice president of the Spanish Association of Child and Adolescent Psychiatry (AEPNYA)

04

# Structure and Content

The content structure has been designed by a team of professionals who recognize the implications of specialization in the daily medical practice, who are aware of the relevance of current training to treat patients with psychiatric pathologies, and who are committed to quality teaching using new educational technologies.





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*This Postgraduate Diploma in Child and Adolescent Psychiatric Emergencies is the most complete and up-to-date scientific program on the market”*

## Module 1. New Advances in Childhood Psychiatry

- 1.1. Epidemiology of Mental Disorders in Childhood and Adolescence
  - 1.1.1. Uses and Limitations of Epidemiological Studies
  - 1.1.2. Measurements of the Frequency of Illnesses
  - 1.1.3. Types of Epidemiological Studies
  - 1.1.4. Prevalence of Mental Disorders in Childhood and Adolescence The Question of the Classification Systems of Illnesses
  - 1.1.5. Comorbidity
  - 1.1.6. Continuity in Adulthood
- 1.2. Genetic Advances in Childhood Psychiatry
  - 1.2.1. Approach to Molecular Genetics
  - 1.2.2. From Genetics to Symptomology
  - 1.2.3. Future of Genetics in Child and Adolescent Psychiatric Research
- 1.3. Update on Neurochemistry in Psychiatry
  - 1.3.1. Neurobiology of Development: Genetic Implication
  - 1.3.2. Neurochemistry of Early Development
  - 1.3.3. Neurochemistry of Learning
  - 1.3.4. Neurochemistry of the Reward System
  - 1.3.5. Neurochemistry in Aggression
- 1.4. Clinical Psychophysiology and Neurophysiology: Application in Practice
  - 1.4.1. Videoelectroencephalography (VEEG)
  - 1.4.2. Normal Sleep in Childhood and Adolescence
  - 1.4.3. Nocturnal Video-Polysomnography (VPSG)
  - 1.4.4. Cognitive Evoked Potentials (CEP)
- 1.5. Scientific Research in Psychiatry
  - 1.5.1. Epidemiology: Basic Concepts
  - 1.5.2. Bioethics of Clinical Research and of the Professional/Patient Relationship
  - 1.5.3. Evidence-Based Medicine
  - 1.5.4. Objectives of the Research: How to Formulate Research Questions and Search Strategies

- 1.5.5. Phases of a Research Project Definition of Variable, Design and Type of Study
- 1.5.6. Study Population: Sample Size and Sample Selection
- 1.5.7. Analysis and Management of Data
- 1.6. Efficient Communication and Leadership in Psychiatry
  - 1.6.1. Common Aspects
  - 1.6.2. Written Texts
  - 1.6.3. Oral Reports

## Module 2. Child and Adolescent Psychiatric Emergencies

- 2.1. Emergency Diagnosis and Urgent Report
  - 2.1.1. Definition and Epidemiology of Psychiatric Emergencies
  - 2.1.2. Evaluation of Emergencies
  - 2.1.3. Differential Diagnosis and Psychomotor Agitation
- 2.2. Anxiety Syndrome
  - 2.2.1. Anxiety Disorders
  - 2.2.2. Anxiety Syndrome in Emergencies
- 2.3. Non-Suicidal Self-Harm
  - 2.3.1. Risk factors
  - 2.3.2. Explanatory Models
  - 2.3.3. How to Act from a Pediatric Emergency Department
  - 2.3.4. Current Treatments.
- 2.4. Approach to Suicidal Behaviour from Pediatric Emergency Departments
  - 2.4.1. Risk Factors and Protection
  - 2.4.2. Explanatory Models
  - 2.4.3. How to Act from a Pediatric Emergency Department
  - 2.4.4. Current Psychological Treatment
- 2.5. Motor Agitations
  - 2.5.1. Patient Evaluation
  - 2.5.2. Etiology and Diagnosis
  - 2.5.3. Approach and Treatment

- 2.6. Psychotic Picture
  - 2.6.1. Epidemiology
  - 2.6.2. Etiology
  - 2.6.3. Clinical symptoms
  - 2.6.4. Diagnostic Evaluation and Differential Diagnosis
  - 2.6.5. Treatment and Approach
  - 2.6.6. Course and Prognosis
- 2.7. Substance Abuse Problems
  - 2.7.1. Etiology and Epidemiology
  - 2.7.2. Types of Substances
  - 2.7.3. Clinical symptoms
  - 2.7.4. Differential Diagnosis
  - 2.7.5. Treatment
- 2.8. Family Conflicts
  - 2.8.1. Physical Space and First Contact
  - 2.8.2. Family Conflict and Lawsuit
  - 2.8.3. Family Structure and Configuration
  - 2.8.4. Life Cycle
  - 2.8.5. Elaboration of a Diagnostic Hypothesis on the Family Conflict
  - 2.8.6. Family Interventions
- 2.9. Bullying
  - 2.9.1. Detection
  - 2.9.2. Intervention
  - 2.9.3. Prevention
  - 2.9.4. Final Reflections
- 2.10. Sexual Abuse
  - 2.10.1. Types of Child Maltreatment
  - 2.10.2. Classification of Child Sexual Abuse
  - 2.10.3. Characteristics of Child Sexual Abuse
  - 2.10.4. Evaluation of a Possible Case of Child Sexual Abuse

### Module 3. Professional Skills in Child Psychiatry

- 3.1. The Clinical Interview
  - 3.1.1. Types of Interviews
  - 3.1.2. Parent Interview
  - 3.1.3. Interview and Examination Elements in Children
  - 3.1.4. Child Play and Drawing
  - 3.1.5. Adolescent Interview
  - 3.1.6. Interview of Other Adults
- 3.2. Child Examination
  - 3.2.1. Physical Exploration
    - 3.2.1.1. Physical Examination
    - 3.2.1.2. Medical Examination
    - 3.2.1.3. Significance of Lesser Neurological Symptoms
    - 3.2.1.4. Neuroimaging Studies in Child and Adolescent Psychiatry
  - 3.2.2. Psychological/Mental Health Examination
    - 3.2.2.1. Cognitive Examination
    - 3.2.2.2. Emotional Examination
    - 3.2.2.3. Social Examination
    - 3.2.2.4. Instrumental Examination
    - 3.2.2.5. Interpretive Instruments
  - 3.2.3. Psychopathological Examination
- 3.3. Neuroimaging and Other Complementary Studies
  - 3.3.1. Magnetic Resonance
  - 3.3.2. Neuroimaging Techniques Using Radiotracers PET/SPECT
- 3.4. The Diagnostic Process and Reasoning
  - 3.4.1. Diagnostic Evaluation What and Why?
  - 3.4.2. Functional Analysis of Behavior

05

# Methodology

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

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



“

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

## At TECH we use the Case Method

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

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



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



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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 Child and Adolescent Psychiatric 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 specialisation  
and receive your university degree without  
travel or laborious paperwork”*

This **Postgraduate Diploma in Child and Adolescent Psychiatric Emergencies** is the most complete and up-to-date 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**.

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

Title: **Postgraduate Diploma in Child and Adolescent Psychiatric Emergencies**

ECTS: **21**

Official Number of Hours: **525**



\*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.





**Postgraduate Diploma**  
Child and Adolescent  
Psychiatric Emergencies

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

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## Child and Adolescent Psychiatric Emergencies

