

# Postgraduate Certificate

## Pediatric Esophageal and Gastric Pathology





## Postgraduate Certificate Pediatric Esophageal and Gastric Pathology

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 5 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/medicine/postgraduate-certificate/pediatric-esophageal-gastric-pathology](http://www.techtute.com/us/medicine/postgraduate-certificate/pediatric-esophageal-gastric-pathology)

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# 01

# Introduction

The subspecialty of Pediatric Gastroenterology, Hepatology and Nutrition, both for the broad field covered and for the incidence and prevalence of the pathologies included in its body of knowledge, is one of the most demanded by the population, as well as being one of the ones that most develops year after year.





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*Improve your knowledge 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 be able to perform a quality medical practice"*

Given the growing number of publications that are published daily at the international level in the field of study of the specialty, it is difficult to keep up to date in an adequate manner.

The objective of this program is to fill the gap in the market for up-to-date training courses demanded by professionals interested in the field, seeking to make it useful in routine clinical practice and to encourage high-level research in the aspects covered.

Pharmacological advances, advances in diagnostic and monitoring technology, as well as the special development of techniques applied to the specialty, have all led to great transformations that imply the need for up-to-date training at all levels.

Pediatric gastroenterologists, as a central figure in permanent contact with the patient, are the key figure on whom to focus this necessary up-to-date training that will allow them to obtain a better perspective of each individual patient.

With this program, both the pediatrician with special interest in the area and the subspecialist in charge of its development, have the opportunity to complement their knowledge with a detailed and up to date review of the most relevant technological and conceptual advances in the field.

This **Postgraduate Certificate in Pediatric Esophageal and Gastric Pathology** contains the most complete and up-to-date scientific program on the market. The most important features of the course are:

- Clinical cases presented by experts in gastrohepatology. 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.
- The latest diagnostic and therapeutic information on how to approach Pediatric Esophageal and Gastric Pathology.
- Algorithm-based interactive learning system for decision-making in the presented clinical situations.
- Special emphasis on test-based medicine and research methodologies in gastrohepatology.
- All of 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 Certificate in Pediatric Esophageal and Gastric Pathology, in a practical way and adapted to your needs”*

“

*This Postgraduate Certificate may be the best investment you can make when choosing a refresher program, for two reasons: in addition to updating your knowledge in Pediatric Esophageal and Gastric Pathology, you will obtain a qualification from TECH Technological University"*

Forming part of the teaching staff is a group of professionals in the world of gastrohepatology, who bring to this course their work experience, as well as a group of renowned specialists, recognised by esteemed scientific communities.

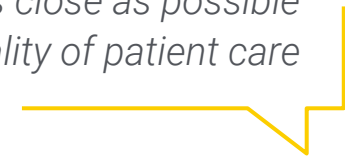
The multimedia content developed with the latest educational technology will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive training program to train in real situations.

Problem-Based Learning underpins this program design, and the doctor must use it to try and solve the different professional practice situations that arise throughout the Postgraduate Certificate. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of gastrohepatology with extensive teaching experience.

*This program offers training in simulated environments, which provides an immersive learning experience designed to train for real-life situations*



*It includes clinical cases to bring the program's content as close as possible to the reality of patient care*



# 02 Objectives

The program's primary objective is focused on theoretical and practical learning, so that the doctor is able to master Pediatric Esophageal and Gastric Pathology in both a practical and rigorous manner.





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*This refresher program will generate a sense of confidence in your medical praxis which will help you grow both personally and professionally”*



## General Objectives

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- Update the knowledge of the pediatrician with special preparation and interest in the field of pediatric gastroenterology.
- Promote work strategies based on a comprehensive approach to the patient as a standard model for achieving excellent care.
- Encourage the acquisition of technical skills and abilities, through a powerful audio-visual system, and the possibility of development through online simulation workshops and/or specific training.
- Encourage professional stimulation through ongoing education and research.

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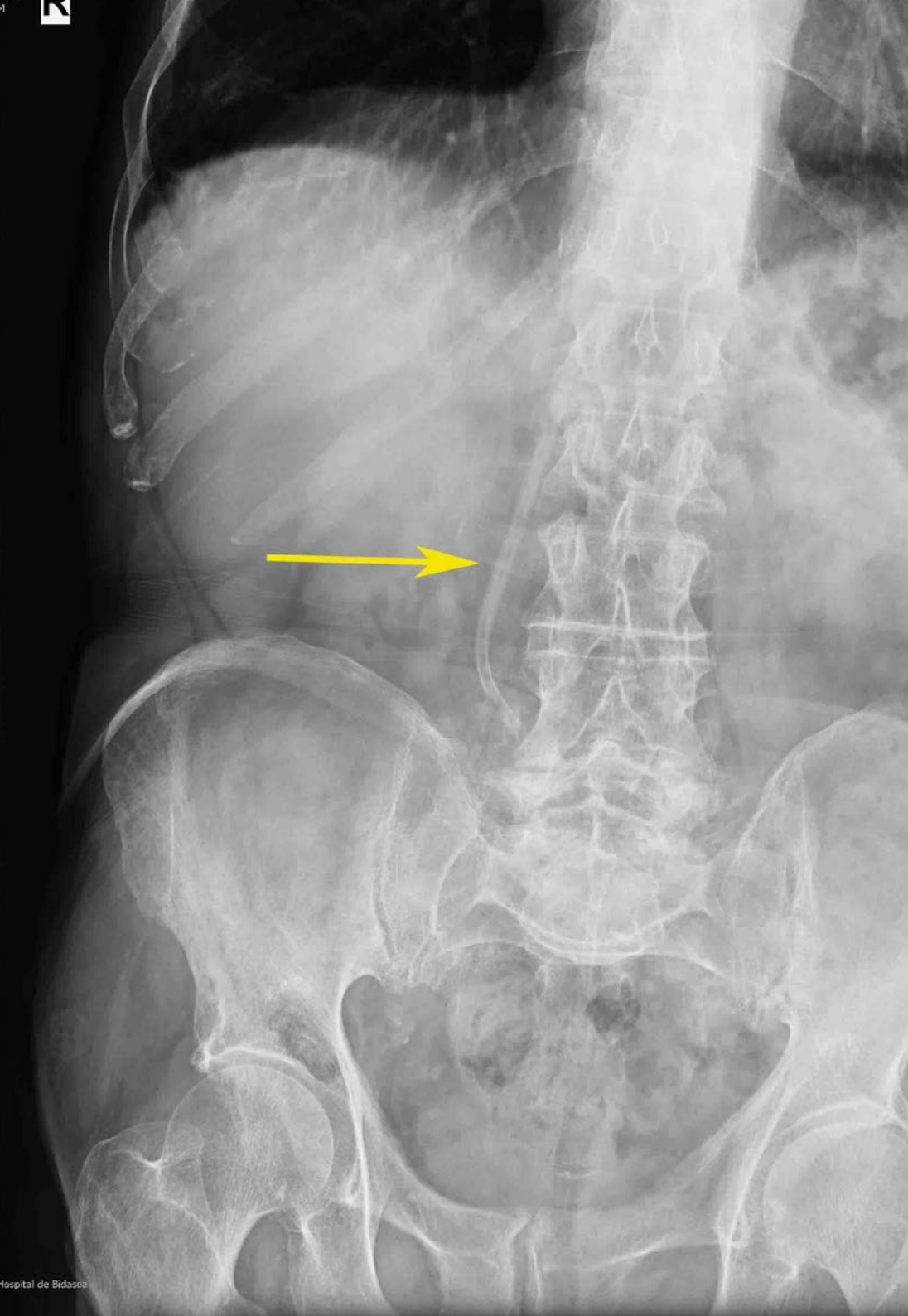
*Make the most of the opportunity  
and take the step to get up to date on  
the latest developments in Pediatric  
Esophageal and Gastric Pathology*





## Specific Objectives

- Increase knowledge about congenital esophago-gastric anomalies.
- Define the current protocols for gastroesophageal reflux and esophagitis in pediatric patients.
- In-depth analysis of esophago-gastric motor disorders.  
Describe the guidelines for action in case of trauma, infections and esophagitis due to chemicals.  
Gain up-to-date knowledge of peptic ulcer disease and gastritis.  
Complete the body of knowledge on rare esophago-gastric diseases.  
Describe the management of esophago-gastric pathology in pediatric emergencies.



03

# Course Management

This program includes highly regarded health professionals in the field of gastroenterology 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.





*Learn about the latest advances in  
Pediatric Esophageal and Gastric  
Pathology from leading professionals"*

## Management



### Dr. Negre Policarpo, Sergio

- ◆ Degree in Medicine and Surgery
- ◆ PhD in Medicine and Surgery from the University of Valencia
- ◆ MIR Specialist in Pediatrics and its specific areas at the La Fe University Hospital, Valencia. End of Residency Award
- ◆ Head of the Pediatric Gastroenterology and Nutrition Section, Quirónsalud Valencia Hospital, Spain
- ◆ Associate Professor of Pediatrics San Vicente Mártir Catholic University Valencia, Spain
- ◆ Director of doctoral theses and Master's Degree theses
- ◆ University Expert in Organization and Management of Teaching in Health Institutions and Services
- ◆ Expert in Teaching and Digital Skills in Health Sciences
- ◆ Member of the Spanish Society of Pediatric Gastroenterology, Hepatology, and Nutrition
- ◆ Member of the European Society of Pediatric Gastroenterology, Hepatology and Nutrition
- ◆ Member of the Spanish Association of Pediatrics
- ◆ Member of the Valencian Pediatrics Society
- ◆ Head of the Medical R&D Department of Wearables Inteligentes SL.

## Professors

### **Dr. Blesa Baviera, Luis**

- ◆ Degree in Medicine and Surgery
- ◆ Pediatrician.
- ◆ C.S Serrería II. Valencia, Spain

### **González de Caldas Marchal, Rafael**

- ◆ Infant Liver Transplant Program in the Andalusian Health System. Spain

### **Dr. Pereda López, Antonio**

- ◆ Degree in Medicine and Surgery
- ◆ Pediatric Gastroenterology Specialist
- ◆ La Fe Polytechnic and University Hospital. Valencia, Spain

### **Dr. Rodríguez Herrera, Alfonso**

- ◆ Degree in Medicine and Surgery
- ◆ Pediatric Gastroenterology Specialist
- ◆ Hispalense Institute of Pediatrics Pablo de Olavide University Seville, España

### **Dr. Quiles Catalá, Amparo**

- ◆ Degree in Medicine and Surgery
- ◆ Pediatric Gastroenterology Specialist
- ◆ Quironsalud Hospital, Valencia, Spain

### **Dr. Ynga Durand, Mario Alberto**

- ◆ Medical specialist in Allergology and Clinical Immunology
- ◆ Pediatrician
- ◆ National Polytechnic Institute
- ◆ Mexican Academy of Pediatrics
- ◆ Professor of the National Program for the Prevention of Chronic Degenerative Diseases



# 04

# Structure and Content

The structure of the contents has been designed by a team of professionals who recognise the implications of training in daily praxis the field of Pediatric Esophageal and Gastric Pathology, aware of the relevance of current training to treat patients with gastrohepatological pathologies and who are committed to quality teaching using new educational technologies.







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*This Postgraduate Certificate in Pediatric Esophageal and Gastric Pathology contains the most complete and up-to-date scientific program on the market”*

## Module 1. Pediatric Esophageal and Gastric Pathology

- 1.1. Congenital Esophago-Gastric Anomalies
  - 1.1.1. Main Congenital Anomalies.
  - 1.1.2. Main Syndromes Involved.
- 1.2. New Approaches to Gastroesophageal Reflux and Esophagitis in Pediatrics.
  - 1.2.1. GERD in Pediatrics.
  - 1.2.2. Esophagitis in Children.
- 1.3. Achalasia and Other Esophageal Motility Disorders.
  - 1.3.1. Esophageal Motility Disorders.
  - 1.3.2. Achalasia
- 1.4. Trauma, Infections and Esophagitis Due to Chemicals.
  - 1.4.1. Caustic Ingestion.
  - 1.4.2. Esophageal Infections.
- 1.5. Peptic Ulcer Disease and Gastritis.
  - 1.5.1. Gastritis.
  - 1.5.2. H.pylori Infection.
- 1.6. Other Esophago-Gastric Pathologies.
  - 1.6.1. Ingestion of Foreign Bodies.
  - 1.6.2. Other Pathologies.
- 1.7. Emergencies in Esophago-Gastric Pathology.
  - 1.7.1. Approach to Esophagogastric Pathology in Pediatric Emergencies.
  - 1.7.2. Algorithms of Action.





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*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.





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*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 abundant 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.

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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 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 the teaching materials are specifically created for the course, by specialists who teach on the course, so that the teaching content is highly 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

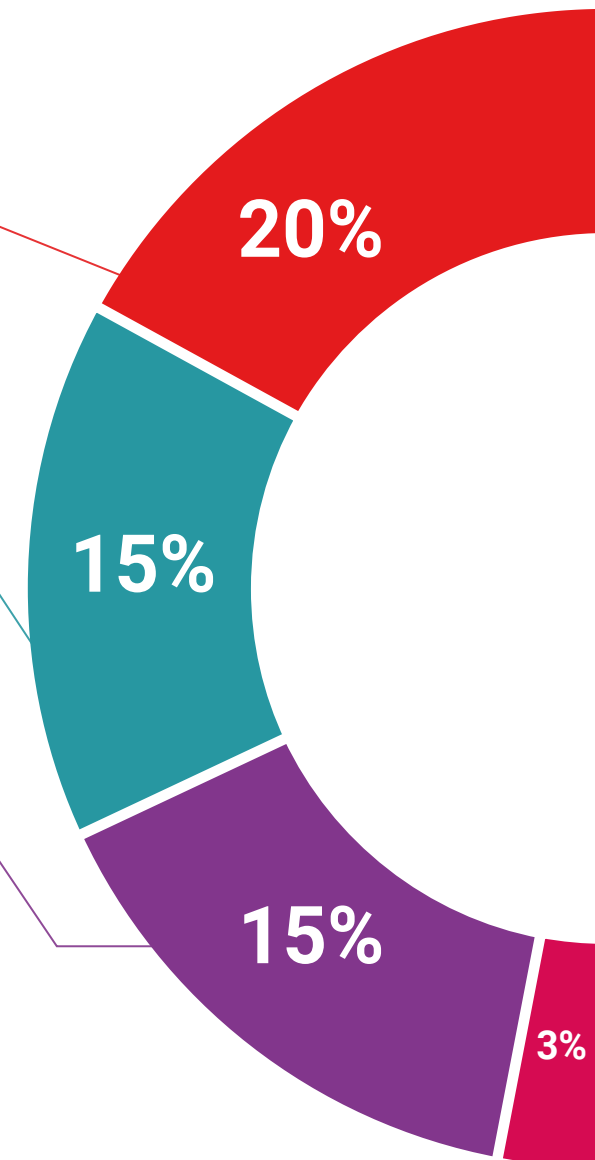
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 & Re-Testing**

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 future difficult 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 Certificate in Pediatric Esophageal and Gastric Pathology 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 training and receive your university qualification without travel or laborious paperwork”*

This private qualification will allow you to obtain a **Postgraduate Certificate in Pediatric Esophageal and Gastric Pathology** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Pediatric Esophageal and Gastric Pathology**

Modality: **online**

Duration: **6 weeks**

Accreditation: **5 ECTS**



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



**Postgraduate Certificate**  
Pediatric Esophageal and  
Gastric Pathology

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 5 ECTS
- » Schedule: at your own pace
- » Exams: online

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