

Postgraduate Certificate Inflammatory Bowel Disease in Pediatrics





Postgraduate Certificate Inflammatory Bowel Disease in Pediatrics

- » 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/inflammatory-bowel-disease-pediatrics

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01

Introduction

Inflammatory Bowel Disease is diagnosed at approximately 12 years of age; however, in recent years, detection has been seen at much earlier stages of life. Thus, the most recent studies suggest that the etiology is multifactorial, but environmental factors could be one of the causes of this progressive increase. This has led to advances in diagnostic tests and treatments. In view of this reality, TECH Global University has designed this 100% online program, which provides the specialist with the latest knowledge on epidemiology, pathogenesis and endoscopy in this type of disease. Besides, with HIGH quality multimedia content, which can be accessed comfortably from any electronic device with an Internet connection.





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With the Diploma in Inflammatory Bowel Disease in Pediatrics you have the opportunity to update your knowledge on non-biological treatments for this type of patients”

The incidence of Inflammatory Bowel Disease has increased in recent years, evolving in the patient with periods of activity and others of remission. Sometimes, due to the characteristics of pediatric patients, the diagnosis is delayed, with the consequences that this may have in the long term. Thus, in this scenario, it is essential for medical professionals to be aware of the latest diagnostic tests or the symptoms associated with this pathology that may raise the alarm about the existence of any difficulty in the child's body.

Thus, it is crucial that, in this phase of growth and maturation of the human being, medical professionals have the most current knowledge with the highest scientific rigor. For this reason, this academic institution has created this 100% online degree, which offers the most recent and innovative information on Inflammatory Bowel Disease in Pediatrics.

An academic journey that will lead the graduate to deepen, over 180 hours of teaching, in epidemiology, pathogenesis, advances in diagnostic imaging or the use of therapeutic endoscopy. To this end, they will have access to innovative teaching material 24 hours a day, from any electronic device with Internet connection.

Thus, through an agenda with a theoretical-practical approach, the professional will be able to delve into the subject in a dynamic and attractive way. In addition, and thanks to the Relearning method, the updating of knowledge will be much more agile, even reducing the hours of study.

TECH Global University thus offers a flexible program that can be easily implemented. An ideal academic option for those who wish to keep abreast of progress in Inflammatory Bowel Disease in Pediatrics, while at the same time combining their daily professional activities.

This **Postgraduate Certificate in Inflammatory Bowel Disease in Pediatrics** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ The development of clinical cases presented by experts in Digestive Medicine
- ◆ 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
- ◆ Latest information on Inflammatory Bowel Disease in Pediatrics
- ◆ Practical exercises where the self-assessment process can be carried out to improve learning
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ 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



TECH Global University adapts to you and therefore offers you this 100% online program, without classes with fixed schedules and compatible with your daily professional activity"

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With this program you will learn about the most recent studies that delve into the evolution and quality of life of pediatric patients with Inflammatory Bowel Disease”

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.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive education programmed to prepare in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. This will be done with the help of an innovative system of interactive videos made by renowned experts.

TECH Global University offers an innovative methodology, with which you will be able to deepen your knowledge of Inflammatory Bowel Disease while reducing long hours of study.

Deepen when desired in the differential aspects in terms of epidemiology and etiopathogenesis in minor patients.



02 Objectives

During the course of this program, the professional will learn about the latest advances in the diagnosis and treatment of pediatric patients with Inflammatory Bowel Disease. For this purpose, TECH Global University offers a syllabus with a theoretical and practical perspective on the different tests, the approach to the patient and his or her evolution in this type of pathology. In this way, you will get the up-to-date knowledge you are looking for.



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The specialized teaching team that has developed this degree provides you with clinical case studies that will allow you to integrate this methodology into your daily practice"



General Objectives

- ◆ To update the knowledge of the origin, as well as the current scientific status of the diagnosis and treatment of IBD
- ◆ Manage different situations of this disease throughout life (childhood, senescence, pregnancy, lactation, controlled disease or outbreaks)



This university degree will take you deeper into the biological treatments used in children with Inflammatory Bowel Disease"





Specific Objectives

- ◆ Understand the differential aspects in epidemiology, etiopathogenesis, diagnosis and treatment between pediatric versus adult inflammatory bowel disease
- ◆ To acquire competences in stratifying the treatment in the different phases of the disease in pediatric patients, as well as to know the indications, contraindications and complications of the use of these drugs in pediatric patients
- ◆ Take into account aspects of quality of life, growth impairment and behavior of the disease in adulthood when it appears in childhood

03

Course Management

Given the depth and specificity of a detailed study of Inflammatory Bowel Disease in Pediatrics, TECH Global University has chosen a team of experts with extensive experience in Digestive Medicine to conduct this Diploma. This gives a distinctive quality to the program, since the specialist will have access to the most relevant theoretical content in the area, complemented by the practical vision of the teachers who have developed it.





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You will have access to multimedia, in-depth videos and interactive summaries created by a staff well versed in Inflammatory Bowel Diseases”

International Guest Director

Considered as one of the best doctors by the Castle Connolly, Dr. Gil Melmed is a renowned **Gastroenterologist** highly specialized in the approach of **Inflammatory Bowel Diseases**. In this way, he has developed most of his career in health entities of international reference among which stands out the **Cedars-Sinai Medical Center** in California.

Among his main achievements, he has used innovative **Computer Aided Detection** devices in multiple **colonoscopies**. Therefore, he has demonstrated that these technological tools pertaining to **Artificial Intelligence** can significantly increase the identification of **Adenomas or Polyps** and improve the prevention of **Colorectal Cancer**. Along the same lines, he has promoted the **IBD QORUS Quality Improvement Program**, focused on the implementation of excellent practices and quality standards in the treatment of patients with **Inflammatory Bowel Disease**. Thanks to this, it has managed to optimize both medical results and user experience.

He also balances this work with his role as a clinical researcher. In fact, he has developed numerous studies focused on subjects such as **new treatments** for the management of **chronic inflammation of the intestine**, cutting-edge procedures aimed at perfecting postoperative care or techniques that ensure that individuals' responses to **vaccines** are effective and safe. Consequently, he has spearheaded a number of sophisticated strategies that have enabled individuals to experience adequate recovery following their surgical procedures.

Committed to the advances in this health field, he participates as a speaker in different international **scientific congresses**. There he has shared his experience using advanced diagnostic tests, such as **Balloon Enteroscopy**. He has also increased the knowledge of health professionals on the most optimal methods to treat **Crohn's Disease** and **Ulcerative Colitis**.



Dr. Melmed, Gil

- Director of Clinical Trials at the Center for Inflammatory Bowel Diseases at Cedars-Sinai Medical Center in Los Angeles, California
- President of the American Gastroenterological Association's Committee on Inflammatory Bowel Diseases
- Clinical Investigator at Cedars-Sinai Medical Center
- Editor of the "American Journal of Gastroenterology"
- Residency at Cedars-Sinai Medical Center
- M.D. from Albert Einstein College of Medicine
- Master of Science in Clinical Research, University of California, California
- B.S. in Medical Sciences, University of Pennsylvania
- Fellowship in Gastroenterology from University of California
- Board Certified by the American Board of Internal Medicine
- Member of:
 - Crohn's and Colitis Foundation National Scientific Advisory Board
 - Co-Chair of the IBD QORU Quality Improvement Program

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

Management



Dr. Meneu Díaz, Juan Carlos

- ◆ Head of the General and Digestive System Surgery Department at the Ruber Juan Bravo Hospital Complex
- ◆ Principal Investigator of the Applied Medical Research Group in Networking
- ◆ Co-director of the Oncocir Medical Research Chair
- ◆ Attending physician and head of section at the Hospital 12 de Octubre
- ◆ Attending Physician at the Ramón y Cajal Hospital
- ◆ Professor of Surgery at the European University of Madrid
- ◆ Doctor of Medicine and Surgery, from the Complutense University of Madrid
- ◆ Catedrático de Cirugía de la Universidad Europea de Madrid

Professors

Dr. Giovanni Giordano, Pietro

- ◆ Specialist in General Surgery, Robotic Surgery and Digestive System at the Ruber Juan Bravo Hospital Complex
- ◆ Specialist in General Surgery and Digestive System at Quirón South Hospital in Alcorcón
- ◆ Degree in Medicine from the University of Cagliari
- ◆ Specialization in General and Digestive Surgery at the Ramón y Cajal University Hospital
- ◆ Expert in Hepatic Surgery and Transplantation
- ◆ Specialization in Hepatobiliopancreatic Surgery and Transplantation bases

Dr. Taboada Mostajo, Néstor Orlando

- ◆ Specialist in General and Digestive Surgery at 12 de Octubre Hospital in Madrid
- ◆ Specialist in General and Digestive System Surgery at the Ruber Juan Bravo Hospital Complex
- ◆ Medical Degree from Universidad San Francisco Xavier de Chuquisaca



04

Structure and Content

The syllabus of this Diploma has been designed to offer the specialist the most recent information and under the highest scientific rigor on Inflammatory Bowel Disease in Pediatrics. For this purpose, the professional will be provided with multimedia didactic resources, which will allow him/her to learn more about the most effective laboratory tests, diagnostic imaging or the stratification of treatment in this type of patients. In addition, thanks to the Relearning system, you will be able to reduce the long hours of study and memorization.





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Multimedia pills, essential readings and case studies are available 24 hours a day to keep you up to date on the latest developments in the diagnosis of Inflammatory Bowel Disease in Pediatrics"

Module 1. Pediatric Inflammatory Bowel Disease

- 1.1. Epidemiology
- 1.2. Pathogenesis
- 1.3. Laboratory Tests
- 1.4. Diagnostic Imaging
- 1.5. Endoscopy in Pediatric Inflammatory Bowel Disease
- 1.6. Therapeutic Endoscopy in Pediatric Inflammatory Bowel Disease
- 1.7. Non-biological treatment in Pediatric Inflammatory Bowel Disease
- 1.8. Biological treatments in pediatric inflammatory bowel disease
- 1.9. Treatment stratification in Pediatric Inflammatory Bowel Disease
- 1.10. Evolution and quality of life in patients with pediatric inflammatory bowel disease



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Thanks to this program you will be aware of the latest advances in the use of therapeutic endoscopy in Inflammatory Bowel Disease in Pediatrics"

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 Inflammatory Bowel Disease in Pediatrics 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 Inflammatory Bowel Disease in Pediatrics** 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.

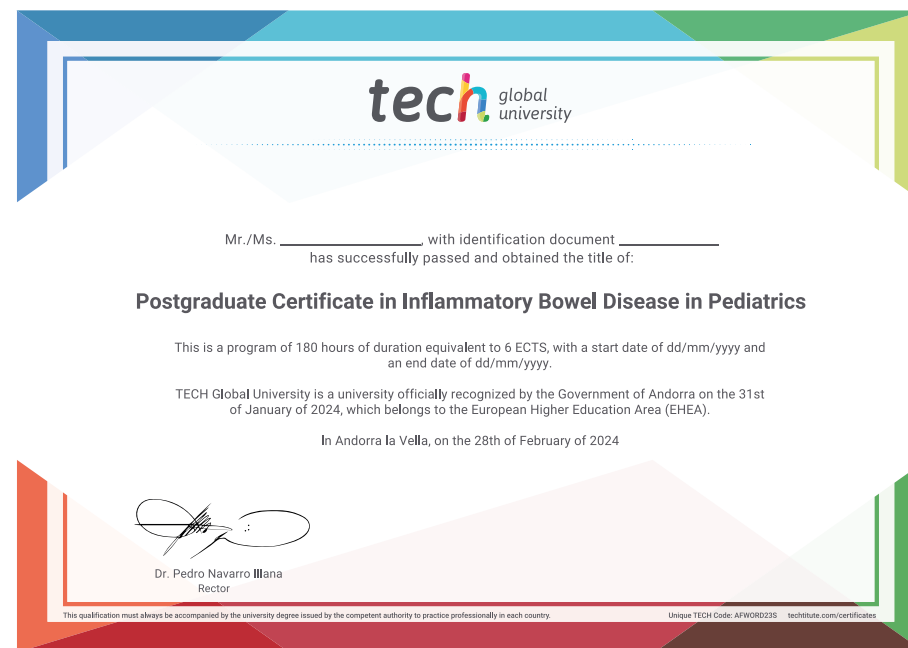
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Inflammatory Bowel Disease in Pediatrics**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

tech global
university

personalized service innovation

knowledge present
Disease in Pediatrics

online training

development languages

virtual classroom

Postgraduate Certificate

Inflammatory Bowel
Disease in Pediatrics

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