

# Postgraduate Certificate Inflammatory Bowel Disease Treatment





## Postgraduate Certificate Inflammatory Bowel Disease Treatment

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

Website: [www.techtitute.com/us/medicine/postgraduate-certificate/inflammatory-bowel-disease-treatment](http://www.techtitute.com/us/medicine/postgraduate-certificate/inflammatory-bowel-disease-treatment)

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# 01

# Introduction

The incidence of Crohn's disease and ulcerative colitis in middle-aged patients has increased in recent years. However, the progress made through various scientific investigations has allowed affected individuals to have a more favorable evolution. In this way, biologic treatments have been boosted and guidelines for special patients, such as pregnant women, have been perfected. In view of this continuous advance, TECH has decided to create this 100% online program, which offers the professional the latest information on the use of Anti-TNF, therapeutic targets and the optimization of the treatment of inflammatory bowel disease. For this purpose, multimedia teaching resources will provide a theoretical and practical approach to the most innovative treatments used.



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*Incorporate into your daily medical practice, the latest advances on the subject in the approach to the patient with Inflammatory Bowel Disease"*

The pharmacological management of inflammatory bowel disease has undergone a drastic change in the last 20 years with the development and appearance of different highly potent biological treatments that have managed to change the behavior and evolution of the disease.

While it is essential to know the classic systemic treatment options, both in times of outbreak and in maintenance phases of the disease, it is also essential to know the different treatment routes with biologic drugs that act against different inter- and intracellular mediators of the disease. For this reason, this Postgraduate Certificate in Inflammatory Bowel Disease Treatment is born, which will lead the professional to achieve an update of their knowledge in just 6 weeks.

A program with an advanced syllabus and high-quality content, developed by a specialized teaching team. In this way, the specialist will be able to delve into the use of aminosalicylates, systemic and topical corticosteroids, immunomodulators and immunosuppressants or the main biological treatments.

All this, through video summaries, videos in detail, specialized readings and simulations of clinical case studies, which will allow you to be updated on the latest scientific advances on the most suitable treatments, depending on the patient.

In addition, thanks to the Relearning system, which consists of the repetition of key concepts throughout the academic course, the professional will be able to reduce the long hours of study and memorization.

TECH offers, in this way, a 100% online Postgraduate Certificate, which is also characterized by its flexibility. The professional only needs an electronic device with an Internet connection to access the content hosted in the Virtual Campus. Therefore, this institution offers a program that is perfectly compatible with the most demanding responsibilities, without the need for attendance or classes with fixed schedules.

This **Postgraduate Certificate in Inflammatory Bowel Disease Treatment** 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 news on to the treatment of inflammatory bowel disease
- ◆ Practical exercises where self-assessment can be used 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



*You are in front of a flexible and 100% online program that offers you the most scientifically rigorous content on Inflammatory Bowel Disease Treatment"*

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*With this program, you will not have to attend classes in person, nor will you have a fixed schedule of sessions. Access it whenever you want, from any electronic device with an internet connection”*

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.

The design of this program focuses on problem-based learning, through which the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*In this academic program, you will learn about the latest scientific advances in the use of immunomodulators and immunosuppressants in Inflammatory Bowel Disease.*

*This university program provides you with the latest knowledge on the options for maintenance or discontinuation of biological treatments.*



# 02 Objectives

The academic course of this Postgraduate Certificate will allow the medical professional to obtain in 180 teaching hours, the most relevant and exhaustive information on Inflammatory Bowel Disease Treatment. For this purpose, the specialists will be provided with the most innovative pedagogical tools, which will allow them to be up to date on the different existing therapeutic alternatives.





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*TECH provides you with all the educational resources you need so that you can integrate into your daily practice the latest recommendations in the management of patients with Inflammatory Bowel Disease"*



## General Objectives

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

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*With this Postgraduate Certificate, you will be able to update your knowledge on the different biologic drugs to prescribe to patients with Inflammatory Bowel Disease”*





## Specific Objectives

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- ◆ Manage non-biologic systemic treatment in the different phases of Inflammatory Bowel Disease
- ◆ Master the different biologic drug options available in inflammatory bowel disease
- ◆ Optimize treatment according to available clinical guidelines
- ◆ Update knowledge in the management of medical treatment of patients in special situations (lactation, pregnancy, extraintestinal manifestations, etc.)

03

# Course Management

The treatments that have emerged in recent years to address Inflammatory Bowel Disease are multiple and especially interesting for specialists in the field, as they are based on the most recent technological and scientific advances. To ensure adequate insight into this field, TECH has assembled a teaching team with extensive experience in the clinical field, bringing all their clinical vision to the multiple videos in detail and supplementary material of the program.



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*All the educational and multimedia content of this program has been designed with an eminently practical approach, so that you can apply the revised methodology directly to your daily work"*

## 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

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- 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
- Crohn's and Colitis Foundation National Scientific Advisory Board
- Co-Chair of the IBD QORU Quality Improvement Program



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

# 04

## Structure and Content

This Postgraduate Certificate has been designed by a specialized teaching team, which provides the most up-to-date and comprehensive knowledge on the Inflammatory Bowel Disease Treatment. For this purpose, the specialist will be provided with video summaries, detailed videos, essential readings and clinical case studies. In this way, you will be able to delve in a dynamic way into Anti-TNF, the use of systemic and topical corticosteroids or the use of probiotics and prebiotics. In addition, thanks to the Relearning system, the professional will be able to reduce the long hours of study and memorization.







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*TECH offers you an agenda with a theoretical and practical perspective on the Inflammatory Bowel Disease Treatment”*

## Module 1. Inflammatory Bowel Disease Treatment

- 1.1. Aminosalicylates
- 1.2. Systemic and Topical Corticosteroids
- 1.3. Immunomodulators and Immunosuppressants
- 1.4. Biological Treatments: Anti-TNF
- 1.5. Biological Therapies: Other Therapeutic Targets
- 1.6. Immunogenicity of Biological Treatments
- 1.7. Optimization of Treatment in Inflammatory Bowel Disease
- 1.8. Strategies in the Introduction, Maintenance and Discontinuation of Biologic Treatments
- 1.9. Other treatments
  - 1.9.1. Antibiotics
  - 1.9.2. Supplements
  - 1.9.3. Probiotics and Prebiotics
  - 1.9.4. Miscellaneous
- 1.10. Treatment in Special Situations
  - 1.10.1. Pregnancy
  - 1.10.2. Nursing
  - 1.10.3. Extraintestinal Manifestations





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*Enroll now in a Postgraduate Certificate that will allow you to be up to date in the management of pregnant or lactating patients with Inflammatory Bowel Disease”*

# 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 Treatment 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 Treatment** 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 Treatment**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



**Postgraduate Certificate**  
Inflammatory Bowel  
Disease Treatment

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

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