

Postgraduate Certificate Adrenal Gland Disorders



Postgraduate Certificate Adrenal Gland Disorders

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/adrenal-gland-disorders

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01

Introduction

Considering the importance of the adrenal glands for many functions of the endocrine system, it is assumed that the specialist has the duty to remain up to date and informed on all practical and theoretical developments in this area. For this reason, TECH has brought together a complete group of professionals from the endocrine and internal medicine areas to develop this comprehensive university program. Coming from highly prestigious health centers, the lecturers have included in the syllabus all their most updated knowledge, both practical and theoretical, on adrenal insufficiency, Cushing's syndrome and incidentalomas, among other issues of great interest to the specialist.





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Incorporate the latest advances in adrenal gland physiology into your daily practice”

Of the areas of Endocrinology, the adrenal glands are possibly among those that attract the most study and interest, which in turn means a large number of developments and advances of which the specialist must be informed. Since Cushing's syndrome, for example, is a complex and difficult disease to diagnose, it is urgent that the specialist has the best possible tools to promote early intervention.

Thus, it presents a unique academic opportunity for the specialist to be updated on the most common complications surrounding the adrenal glands. The teaching team has developed comprehensive topics dedicated to pheochromocytomas, congenital adrenal hyperplasia, tumors, adrenal metastases and more issues of special interest.

All this in a 100% online format, which allows it to be combined with the most demanding personal and professional responsibilities. The syllabus, from the first day of the degree, is available for downloading from any device with an internet connection. Thus, the specialist can review the topics from the comfort of their tablet or smartphone, choosing the time that best suits them to study.

This **Postgraduate Certificate in Adrenal Gland Disorders** contains the most comprehensive and up-to-date scientific program on the market. The most important features include:

- ◆ The development of case studies presented by experts in Endocrinology
- ◆ 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
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions for experts and individual reflection work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



Get up-to-date on the anatomy and approach to different disorders such as hyperaldosteronism or hypoaldosteronism"

“*Modernize and deepen in the main disorders of the adrenal glands with a teaching team made up of highly prestigious professionals*”

You will not have fixed schedules or face-to-face classes that will inhibit you. At TECH you are the one who chooses where, when and how

You will have access to a library of high-quality multimedia and interactive content, developed by our own teaching staff

The program's teaching staff includes professionals from the sector who contribute their work experience to this training 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 training programmed to train in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.



02 Objectives

The objective of this degree is to deepen, with an up-to-date and modern vision, in the main disorders of the Adrenal Glands. In this way, the specialist is offered an exhaustive update, covering both the most recent scientific postulates and the practical vision of the teaching team, who have extensive knowledge of the different topics covered. The specialist will incorporate the various advances into their daily practice even before completing the degree.





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The large amount of additional material provided during this Postgraduate Certificate will later serve as a good reference and reference guide"



General Objective

- ◆ Be able to accurately interpret currently available clinical information and associate it effectively in clinical practice

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You will continue your refinement of the approach and treatment of Adrenal Gland Disorders through the comprehensive content of this program”





Specific Objectives

- ◆ Provide and expand clinical and pathophysiological data on the main endocrine pathologies affecting the adrenal glands
- ◆ Incorporate the use of the main diagnostic algorithms in making the most clinically prevalent clinical judgments

03

Course Management

To elaborate all the contents of this TECH program, the best possible professionals in the field of endocrinology and general medicine have been used. Given their experience in different hospital centers, the specialist will obtain an advantageous vision with different points of view of all the issues dealt with throughout the syllabus. The combination of theory and practice, in turn, makes the knowledge imparted even more useful.





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You will have TECH's quality guarantee, with didactic contents detailed to the millimeter and supported by a large amount of audiovisual material"

International Guest Director

Awarded on multiple occasions for her contribution to the field of Medicine, Dr. Susan Samson is a prestigious physician highly specialized in **Endocrinology, Diabetes** and **Metabolism**. In fact, she has devoted most of her professional career to optimizing the overall well-being of patients with endocrine disorders, ranging from *Diabetes Mellitus* to Hyperthyroidism.

Therefore, she has carried out her duties in health institutions of international reference such as the Mayo Clinic Hospital in the United States. Among her main achievements, she has developed innovative **evaluation methodologies** based on the latest scientific evidence. This has enabled healthcare professionals to design **personalized** and more effective **treatments**, taking into account the specific needs of each user. At the same time, it has implemented various monitoring programs based on emerging technologies such as **Telemedicine** and even **Artificial Intelligence**. Thanks to this, it has enabled **real-time monitoring** of the clinical status of numerous individuals with **chronic diseases** to improve their quality of life.

On the other hand, she has balanced these tasks with her role as **President of the American Association of Clinical Endocrinology**. In this way, she has contributed significantly to the creation of **care protocols** for people with different conditions. She has also collaborated with regulatory agencies to develop **health policies** to address the optimization of care for patients with long-term conditions.

In her commitment to clinical excellence, she has led several **scientific research** projects in areas ranging from addressing **Pituitary Pathologies** or **Acromegaly** to **Cushing's Disease**. Likewise, these findings have driven advances to maximize the quality of care. In this sense, her work has been rewarded in the form of awards, such as the "Rising Star Award" given by the Baylor College of Medicine for her outstanding leadership.



Dr. Samson, Susan

- ♦ President of the Department of Endocrinology at Mayo Clinic Hospital in Florida, United States
- ♦ President of the American Association of Clinical Endocrinology
- ♦ Director of the Baylor St. Luke's Pituitary Center in Texas
- ♦ Internship in Endocrinology, Diabetes and Metabolism at Baylor College of Medicine
- ♦ M.D. from Queen's University
- ♦ Doctor of Philosophy with specialization in Molecular Biology, University of Calgary.
- ♦ Member of the Royal College of Physicians and Surgeons of Canada

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

Management



Dr. Gargantilla Madera, Pedro

- Chief of Internal Medicine Service of El Escorial University Hospital
- Professor of the Francisco de Vitoria University
- Science communicator and regular contributor to various media (RNE, Abc digital, Huftington post, Cinco Noticias)
- Member of the Association of Medical Writers and Artists (ASEMEYA)
- Master's Degree in Clinical Unit Management



Professors

Dr. Calvo Urrutia, Marta

- ◆ Assistant Physician at the Women's Health Institute Professor Botella Llusía (Hospital Clínico San Carlos)
- ◆ Coordinator of the Reproduction Unit of ISM Botella Llusía
- ◆ Degree in Medicine and Surgery from the Autonomous University of Madrid
- ◆ Specialist in Obstetrics and Gynecology at San Carlos Clinical Hospital
- ◆ D. in Gynecology and Obstetrics (Cum Laude) from the Complutense University of Madrid
- ◆ Master's Degree in Human Reproduction, Rey Juan Carlos I University

Dr. Mattei, Isabella

- ◆ Attending Physician in Endocrinology and Nutrition at the Hospital 12 de Octubre in Madrid and at the Hospital Fundación Jiménez Díaz spending two days a week in general practice
- ◆ Resident Physician in Endocrinology and Nutrition at the 12 de Octubre University Hospital in Madrid
- ◆ Degree in Medicine and Surgery from the University of Florence

Dr. Belda Bilbao, Luis

- ◆ Specialist in Internal Medicine El Escorial Hospital San Lorenzo de El Escorial
- ◆ Specialty in Internal Medicine performed in Great Britain
- ◆ Master's Degree in Cardiovascular Diseases at Barcelona University
- ◆ University Expert in HIV Infection and Associated Diseases, at the Miguel Hernández University of Elche

04

Structure and Content

Many programs require an investment of hours that is unaffordable for most specialists looking for a thorough upgrade. TECH intends to break this disadvantage by drafting this program based on *relearning*, a pedagogical methodology in which it is a pioneer. As a result of the reiteration of the most important key concepts, the specialist will not have to invest inordinate amounts of study hours in understanding the more complex terms, and can even incorporate them on the go in their daily practice.





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Both real clinical cases and case-based exercises will be essential in your refresher work”

Module 1. Adrenal Gland Disorders

- 1.1. Anatomy
- 1.2. Adrenal Gland Physiology
- 1.3. Cushing's Syndrome
- 1.4. Adrenal Insufficiency
- 1.5. Hyperaldosteronism
- 1.6. Hypoaldosteronism
- 1.7. Pheochromocytoma
- 1.8. Congenital Adrenal Hyperplasia
- 1.9. Incidentalomas
- 1.10. Adrenal Tumors and Metastases



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The supplemental readings, extensive for each topic, will serve to strengthen your most up-to-date knowledge of Adrenal Gland Disorders”

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

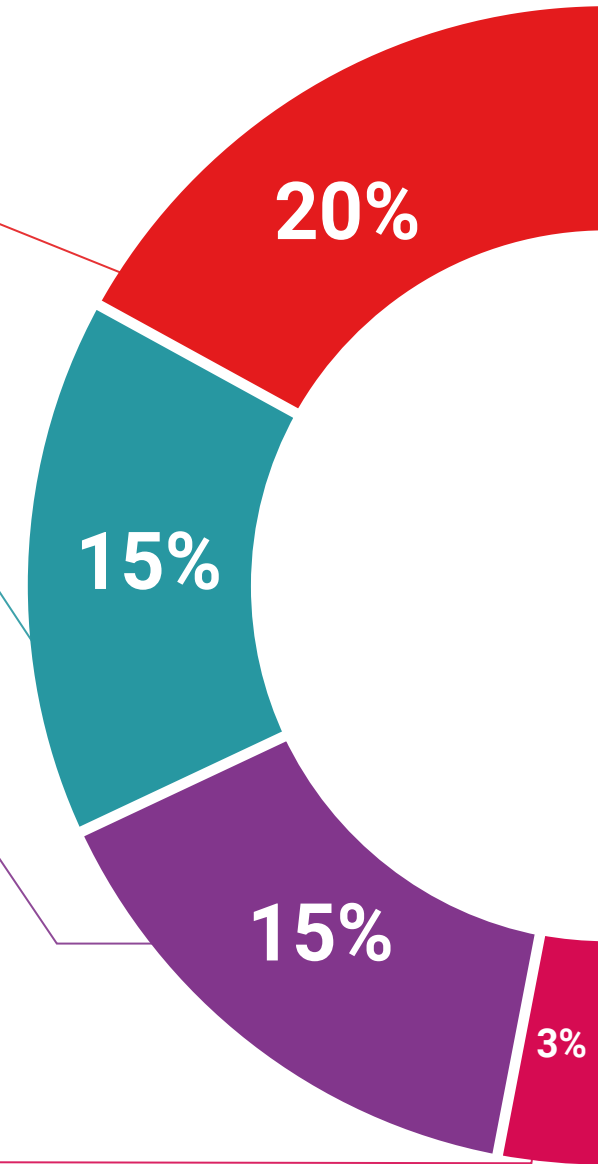
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

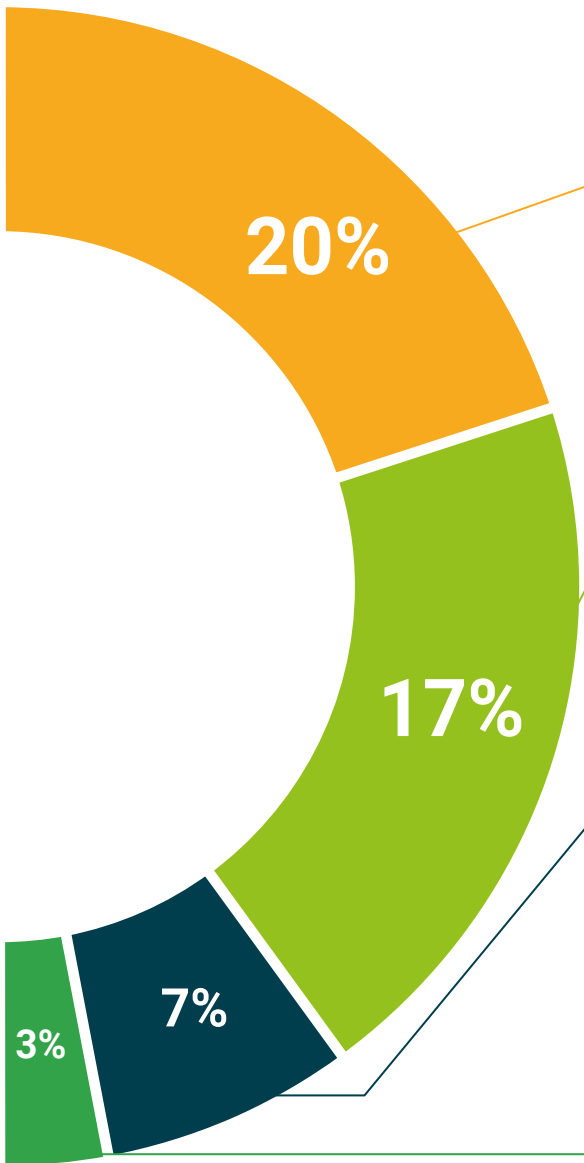
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Adrenal Gland Disorders guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This program will allow you to obtain your **Postgraduate Certificate in Adrenal Gland Disorders** endorsed by **TECH Global University**, the world's largest online university.

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

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

Title: **Postgraduate Certificate in Adrenal Gland Disorders**

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 quality
development language
virtual classroom



Postgraduate Certificate Adrenal Gland Disorders

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

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