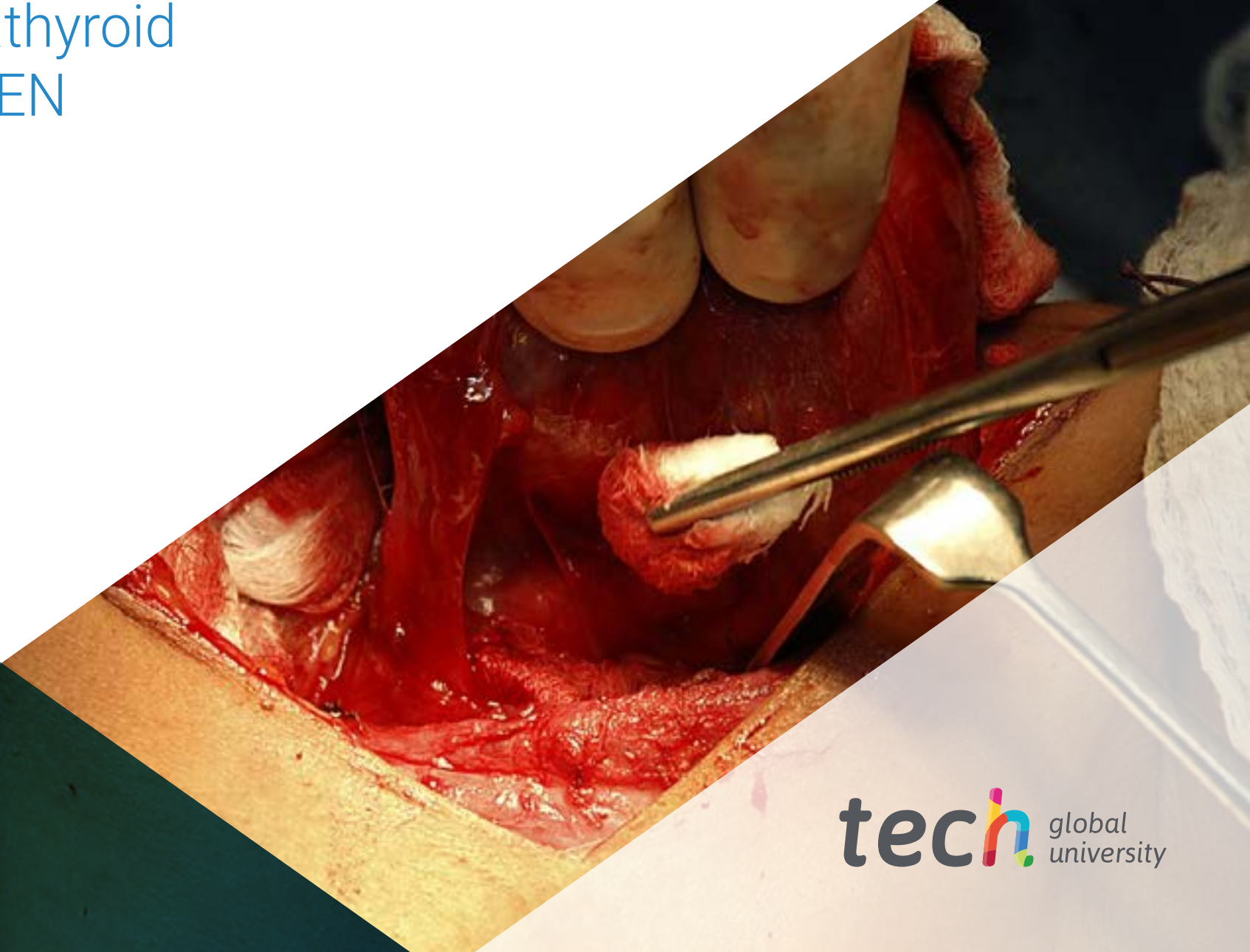


Postgraduate Certificate

Thyroid, Parathyroid Gland and MEN





Postgraduate Certificate Thyroid, Parathyroid Gland and MEN

- » 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/thyroid-parathyroid-gland-men

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01

Introduction

The thyroid gland is possibly one of the fields of greatest interest for every specialist, especially for those dedicated to endocrinology. Complications such as hyperthyroidism are among the most common in this area, with others such as multiple endocrine neoplasms or thyroid cancer being particularly delicate. This university program brings together in one place the most recent scientific advances and practical developments in this field. For this purpose, TECH has assembled a high-level teaching team, composed of highly qualified and prestigious professionals in the areas of Endocrinology and Internal Medicine. This confirms the adequacy of the entire syllabus to the most demanding requirements in Thyroid, Parathyroid Gland and MEN.





“

Deepen and modernize your knowledge of thyroid physiology and function tests, thyroid nodule or mineral metabolism biology”

Some physicians estimate that about 70% of people suffering from hyperparathyroidism are unaware of it, being an issue sometimes even ignored in the analysis of abnormal calcium levels. This, together with other conditions of the thyroid gland, emphasize the importance of the specialist having an up-to-date knowledge of the subject, in order to continue offering a high professional praxis.

For this reason, the syllabus of this Postgraduate Certificate dedicates entire sections to hyperthyroidism, hypothyroidism, thyroiditis and thyroid cancer, among other issues. The teaching team has made every effort to offer an up-to-date vision adapted to the current medical panorama, combining the latest scientific theses with the most avant-garde clinical practice.

Thus, we present a Postgraduate Certificate that offers an exhaustive update to the specialist, giving them the freedom to assume it at their own pace. Classroom lectures and fixed schedules have been eliminated, allowing you to download the syllabus from any device with an internet connection and adapt it to your own personal and professional responsibilities.

This **Postgraduate Certificate in Thyroid, Parathyroid Gland and MEN** contains the most complete and up-to-date educational 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



Access topics dealing with hypoparathyroidism, pseudohypoparathyroidism and primary and secondary hyperparathyroidism"

“

You will be able to access the virtual classroom 24 hours a day, counting on the fact that you can also download the content to your tablet or smartphone”

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.

Get up to date on the Thyroid, Parathyroid Gland and MEN by professionals with high prestige in these areas.

Lean on the world's largest online academic institution, TECH, and update yourself efficiently and completely.



02 Objectives

The objective of this program is to offer an exhaustive and rigorous update for all specialists, whether they come from the Endocrinology area or simply wish to expand their knowledge of issues related to the thyroid gland. Since this is a subject that requires a high-level of qualification and attention, the teachers have developed a concise syllabus, which also facilitates the study work itself.



“

The entire technical and teaching team will be ready to answer any questions you may have, providing personalized attention to your needs"

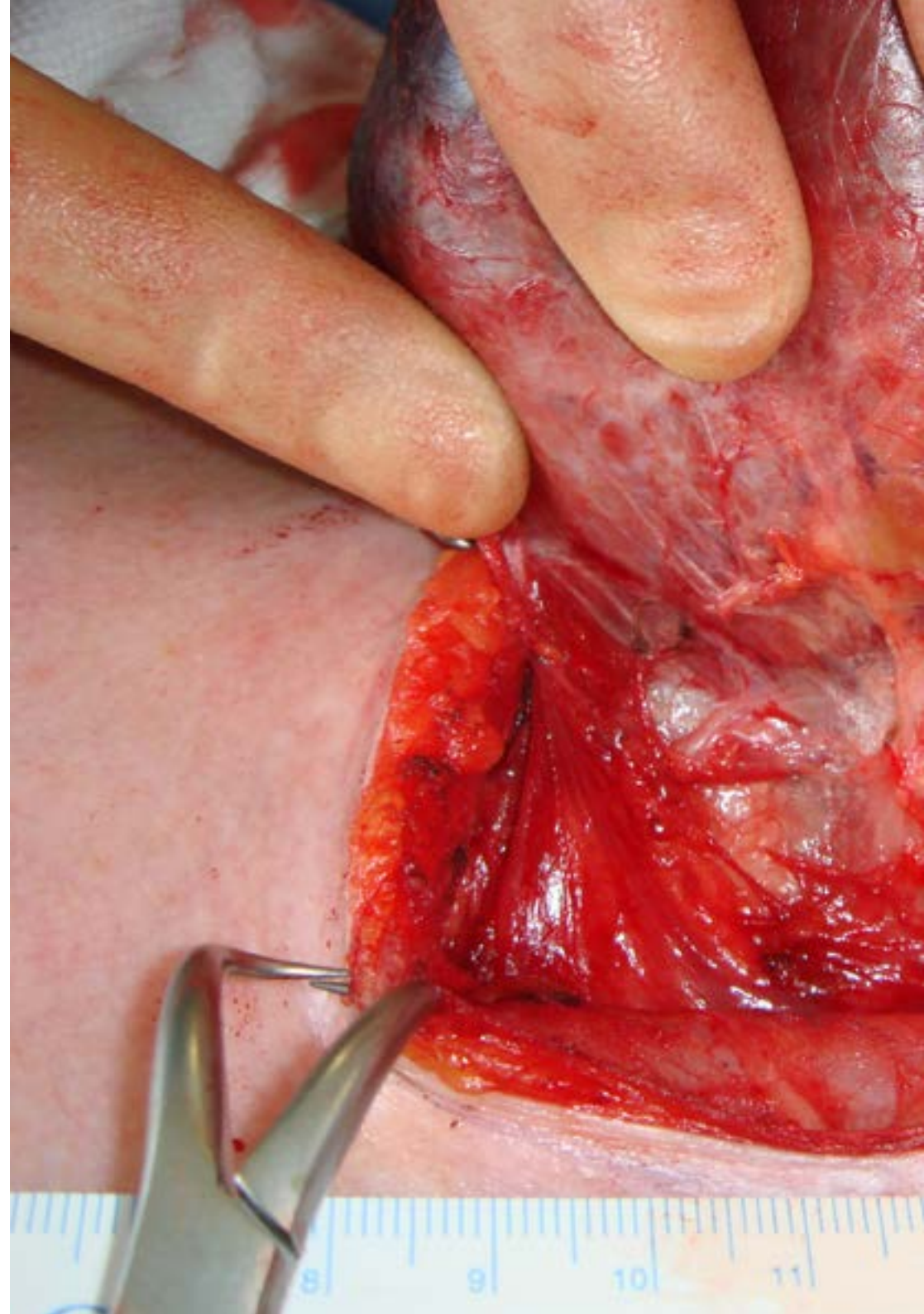


General Objective

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



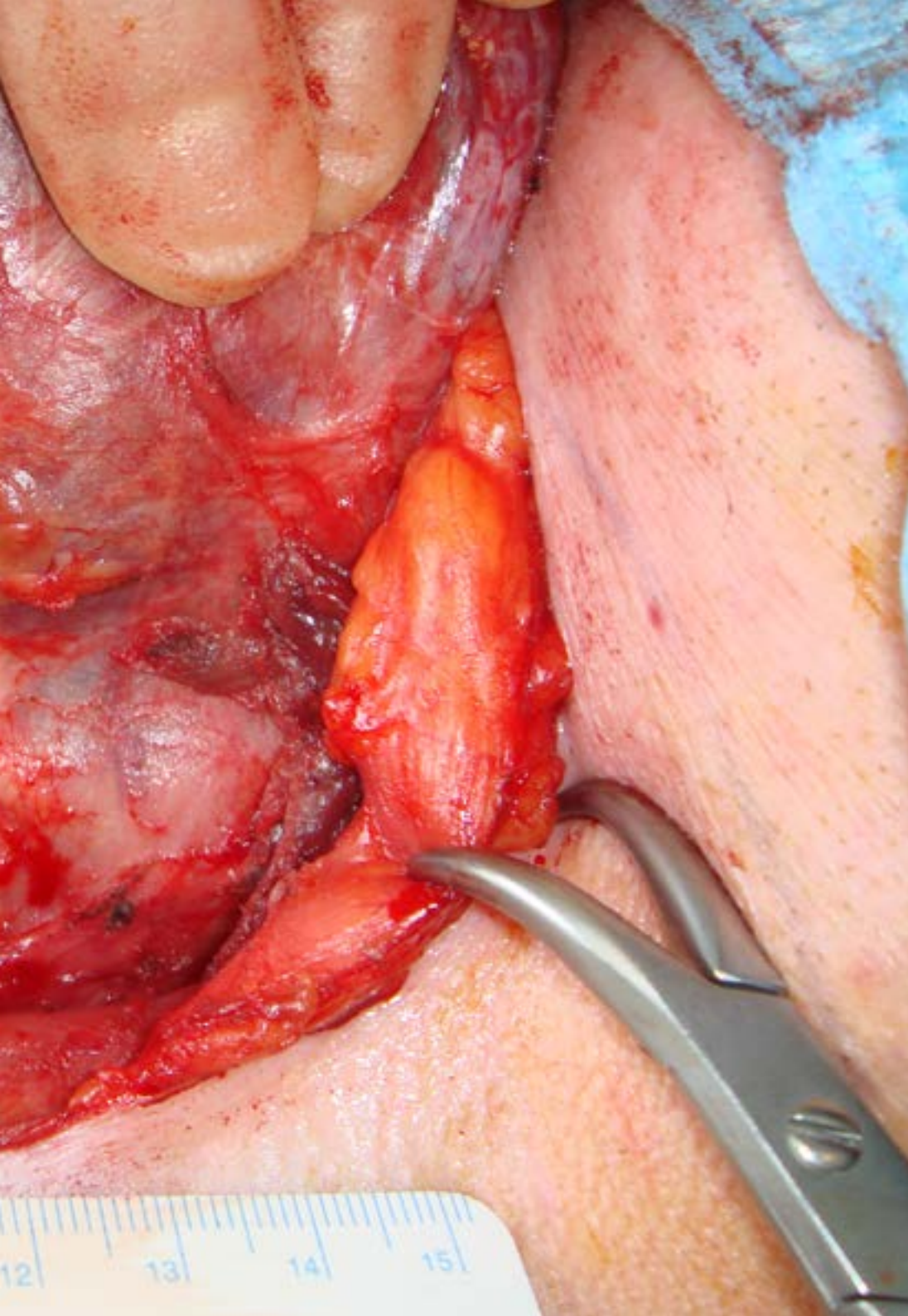
You will investigate the latest developments in multiple endocrine neoplasms, both Type I and Type II"





Specific Objectives

- Update knowledge of the main pathologies affecting the thyroid gland and to know the main diagnostic algorithms in these diseases
- Deepen in the laboratory findings that can lead to the diagnosis of the main parathyroid diseases
- Interpret the clinical findings that should make us suspect the existence of multiple endocrine neoplasia



03

Course Management

The teaching team responsible for the development of this program has accumulated extensive experience in dealing with pathologies related to the thyroid gland. This means that the theory taught throughout the course is based not only on the most modern scientific theses, but also on the teachers' own practical experience. This practical and modern vision of the field makes this program a preferential academic option.



“

The technical, professional and human quality of all the teaching staff is reflected in the exhaustiveness and dedication with which each section of the syllabus has been written”

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

“

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. Montoro Lara, Juan

- ♦ Specialist in Internal Medicine at the University Hospital El Escorial
- ♦ Clinical Teaching Collaborator at the Francisco de Vitoria University
- ♦ Clinical Teaching Collaborator at the Autonomous University of Madrid
- ♦ Master's Degree in Emergency Medical Care
- ♦ Master in Hyperbaric Medicine
- ♦ University Expert in Clinical Ultrasound

Dr. Martín de Francisco, Elisa

- ♦ Medical Specialist in Geriatrics at El Escorial Hospital in Madrid
- ♦ Medical Specialist in Geriatrics at the Infanta Elena Hospital in Valdemoro
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid
- ♦ MIR in Geriatrics at the Getafe University Hospital

Dr. Pérez Blanco, Carmen

- ♦ Specialist Physician in Endocrinology and Nutrition at El Escorial Hospital
- ♦ Specialist in Endocrinology and Nutrition at Hospital 12 de Octubre and Hospital de Getafe
- ♦ Doctorate in Medicine from the Autonomous University of Madrid.
- ♦ Specialty in Endocrinology and Nutrition via MIR at the University Hospital of Getafe
- ♦ Master's Degree in Bases for the Care and Education of People with Diabetes at the University of Barcelona
- ♦ Diploma in the Treatment of diabetes mellitus type 2: future experts in diabetes at the Autonomous University of Barcelona
- ♦ Online Master's Degree in Clinical Nutrition in Medicine at the CEU-Cardenal Herrera University

04

Structure and Content

In order to find an effective and useful pedagogical methodology for the specialist, TECH has used relearning in the elaboration of the contents of this program. This allows the key concepts and the most important terminology to be assimilated naturally and progressively, without the need to dedicate enormous amounts of time to study. As a result, the specialist can spend part of that time reviewing the many practical exercises or consulting the supplementary reading provided for each topic.



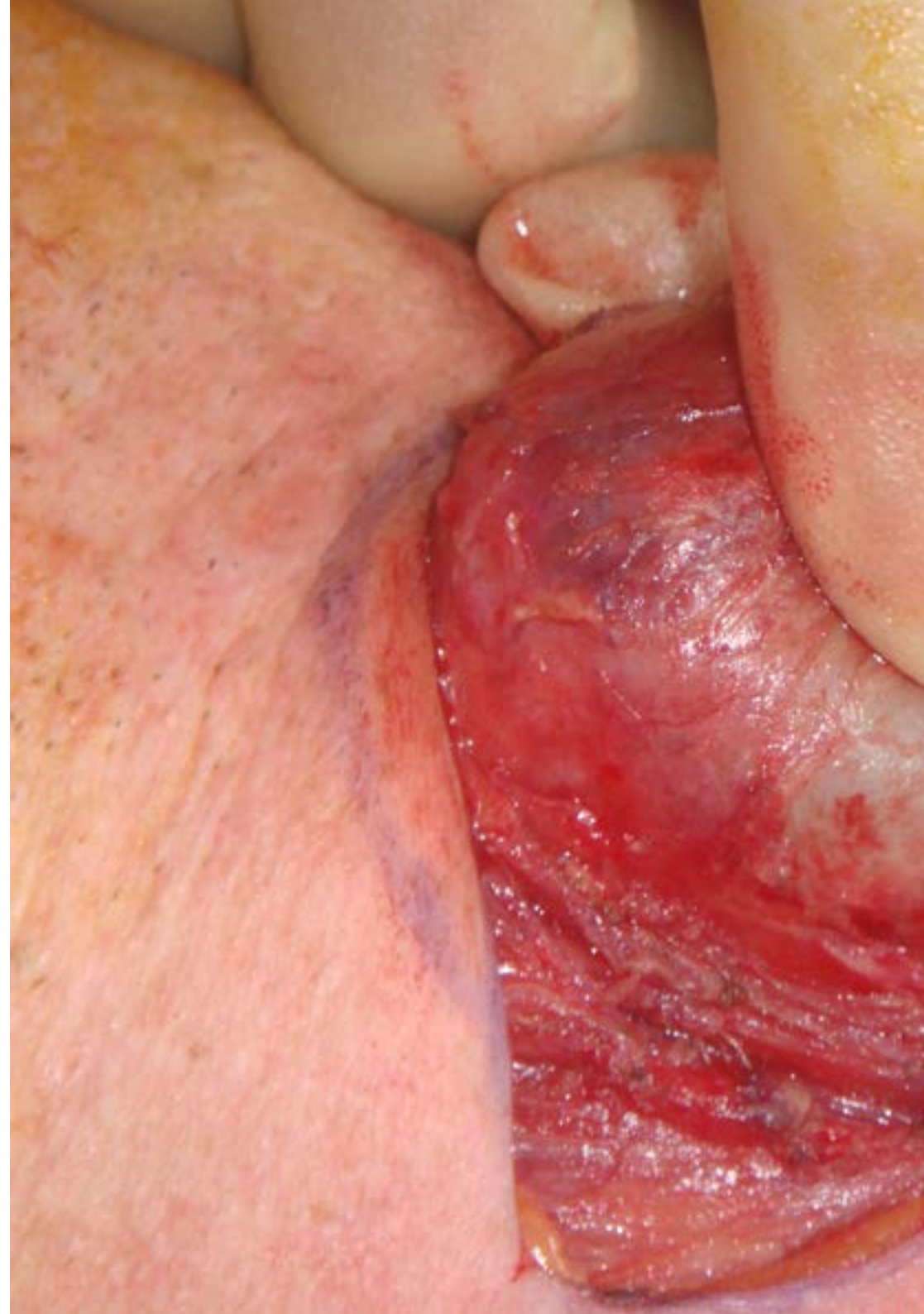


“

Practical exercises, real clinical cases and videos in detail will help you throughout the updating process, giving you a much closer perspective of the topics covered”

Module 1. Thyroid Gland, Parathyroid Gland and MEN

- 1.1. Physiology and Thyroid Function Tests
- 1.2. Goiter and the Euthyroid Patient Syndrome
- 1.3. Hypothyroidism
- 1.4. Hyperthyroidism
- 1.5. Tiroiditis
- 1.6. Thyroid Nodule and Thyroid Cancer
- 1.7. Biology of Mineral Metabolism
 - 1.7.1. Parathyroid Hormone
 - 1.7.2. Vitamin D
 - 1.7.3. Regulation of Mineral Metabolism
 - 1.7.4. Laboratory Assessment of Mineral Metabolism
- 1.8. Hypoparathyroidism and Pseudohypoparathyroidism
- 1.9. Hyperparathyroidism
 - 1.9.1. Primary
 - 1.9.2. Secondary
- 1.10. Multiple Endocrine Neoplasms
 - 1.10.1. Type 1 MEN
 - 1.10.2. Type 2 MEN





“*Work guides, interactive summaries, multimedia videos for each topic... The amount of content that you will find in this Postgraduate Certificate will be differential in your updating work*”

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.

“

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.

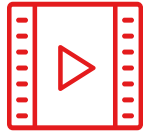
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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

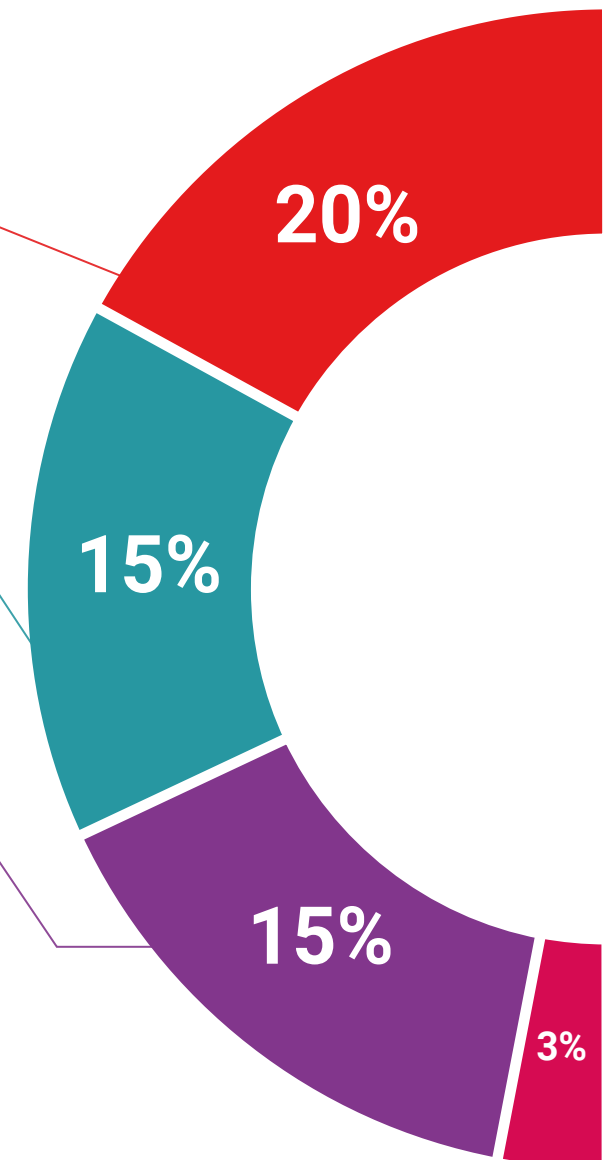
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

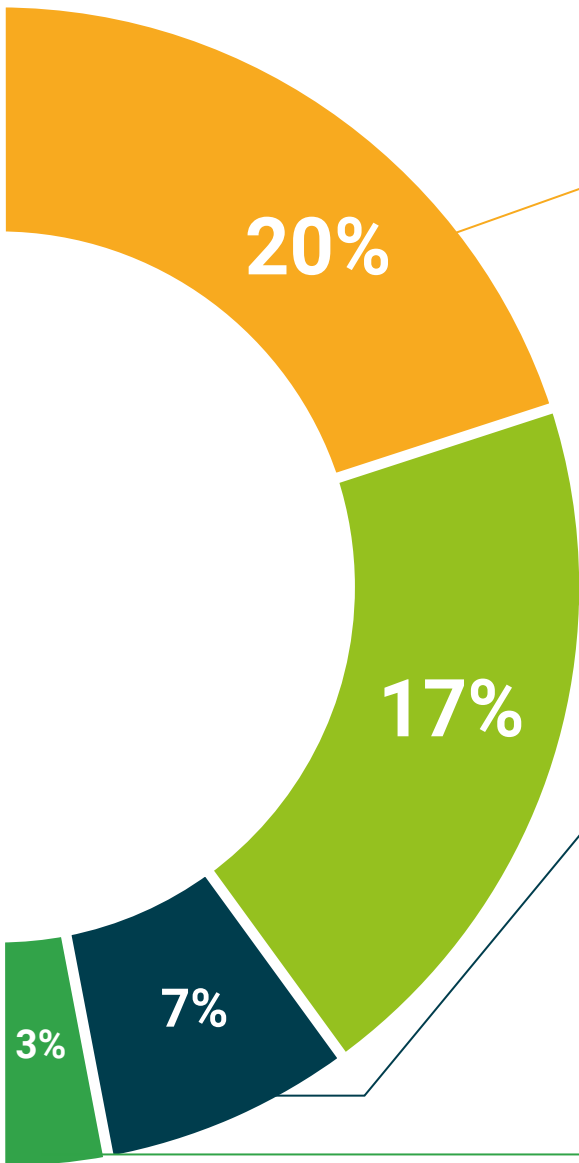
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 & Re-testing

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 termed Learning from an Expert strengthens knowledge and recall capacity, and generates confidence in the face of difficult decisions in the future.



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



“

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 Thyroid, Parathyroid Gland and MEN** 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 Thyroid, Parathyroid Gland and MEN**

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

Thyroid, Parathyroid

Gland and MEN

- › Modality: online
- › Duration: 6 weeks
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- › Credits: 6 ECTS
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Postgraduate Certificate

Thyroid, Parathyroid Gland and MEN

