

Postgraduate Certificate

Differentiated Thyroid Carcinoma (CDT)





Postgraduate Certificate Differentiated Thyroid Carcinoma (CDT)

Course Modality: Online

Duration: 6 weeks

Certificate: TECH Technological University

Official N° of Hours: 150 h.

Website: www.techitute.com/us/medicine/postgraduate-certificate/differentiated-thyroid-carcinoma-dtc

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01

Introduction

Constituting approximately 1% to 2% of total Cancers, Differentiated Thyroid Carcinoma (DTC) is the most frequent Malignant Endocrine Neoplasm, so every Oncologist Specialized in the Endocrine field should know it in depth. With this TECH program, which contains the Molecular Aspects, Anatomy, Treatment and Monitoring of this Cancerous Pathology, professionals will graduate with all the guarantees to become a reference in the Treatment of Differentiated Thyroid Carcinomas. This will provide them with the prestige and reputation necessary for professional promotion and access to positions of greater responsibility, and even increase their salary projection.





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Being one of the most common Endocrine cancers, this program will prove your expertise in a field common to all oncologists”

Despite having a relatively low mortality rate if treated in time, Differentiated Thyroid Carcinomas are so frequent that they are of obligatory knowledge for all oncology professionals. Since it is a common type of endocrine cancer, knowing in detail how to deal with it will allow physicians to increase their work performance and, therefore, raise their medical prestige.

As we know this is a relevant issue for many oncology professionals, TECH has brought together a team of the best experts in Endocrinology to provide their best knowledge and professional experience in the treatment of Differentiated Thyroid Carcinomas to the teaching material.

Thanks to this, students have access to a program that not only instructs them in one of the most common areas of work in endocrine oncology, but also provides them with the practical and contextual vision necessary to improve their work methodology even before completing the course.

The program is flexible enough to allow students to balance it with their other personal and professional responsibilities. Thanks to its online nature, the need to attend classes and pre-set schedules have been eliminated, allowing students to download and study the entire syllabus from the first day of class.

This **Postgraduate Certificate in Differentiated Thyroid Carcinoma (DTC)** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ◆ Case studies presented by experts in Endocrine Oncologic
- ◆ 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 the self-assessment process can be carried out to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Access to content from any fixed or portable device with an Internet connection



Don't miss this opportunity and enroll today to start improving your DTC treatment and oncology leadership skills"

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Thanks to this Postgraduate Certificate you will be able to continue moving up in your path as an Endocrine Oncologist, specializing in the pathology you will most often encounter”

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.

You will find the most recent knowledge about Differentiated Thyroid Carcinoma here, in this Postgraduate Certificate.

This Postgraduate Certificate will open the doors to a better medical future, giving you an extra focus and professionalism to your curriculum.



02 Objectives

As the students who take this program seek to improve professionally and salary-wise, TECH provides them with the best possible facilities to achieve their health goals in a timely manner. This implies students will enjoy personalized guidance throughout the Postgraduate Certificate, even obtaining transversal competencies in leadership provided by Endocrine professionals who have been in charge of their own hospital departments and sections.





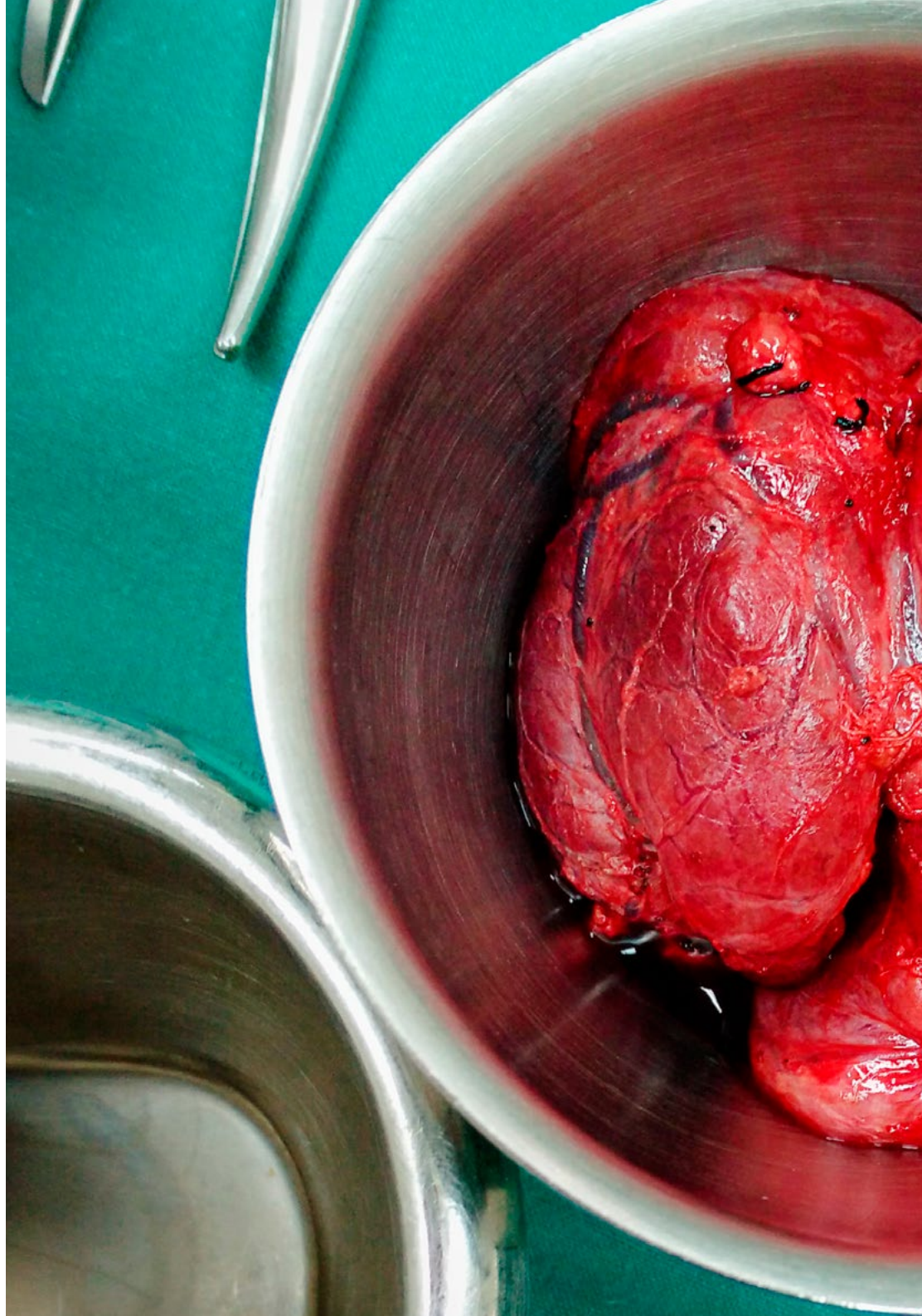
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*Your best goal is the same as TECH.
You will work with professionals who
only want to see you grow”*



General Objectives

- ◆ Deepen the knowledge, diagnosis and treatment of Endocrine Oncologic Pathology
- ◆ Achieve an update in the most novel aspects in the Diagnosis and Treatment of Endocrine Oncologic Pathology
- ◆ Advance in the Multidisciplinary Approach essential for the Management of Endocrine Oncologic Pathology





Specific Objectives

- ◆ Update knowledge of the pathogenesis of DTC
- ◆ Gain further knowledge of the Diagnosis and Treatment Indications
- ◆ Advance in the knowledge of Target Therapies in Advanced Unresectable TDC
- ◆ Delve deeper into the importance of a Multidisciplinary Approach

“

You're not that far away from becoming a reputable Endocrine Oncologist. This Postgraduate Certificate will give you the push you need”

03

Course Management

TECH makes a great effort to bring together the best professionals in the field for their programs. This Postgraduate Certificate in Differentiated Thyroid Carcinoma has brought together, precisely, a group of physicians who also share experience as tutors and section chiefs. This guarantees that specialists have access to quality teaching, given the long professional and human trajectory that underpins the entire course management.



A close-up photograph showing a hand wearing a white nitrile glove. The gloved hand is touching human skin, which has a small mole. The background is a mix of dark blue and light blue geometric shapes.

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Professionals with high medical and managerial skills are waiting for you to give you their best advice on Differentiated Thyroid Carcinoma Treatment”

International Guest Director

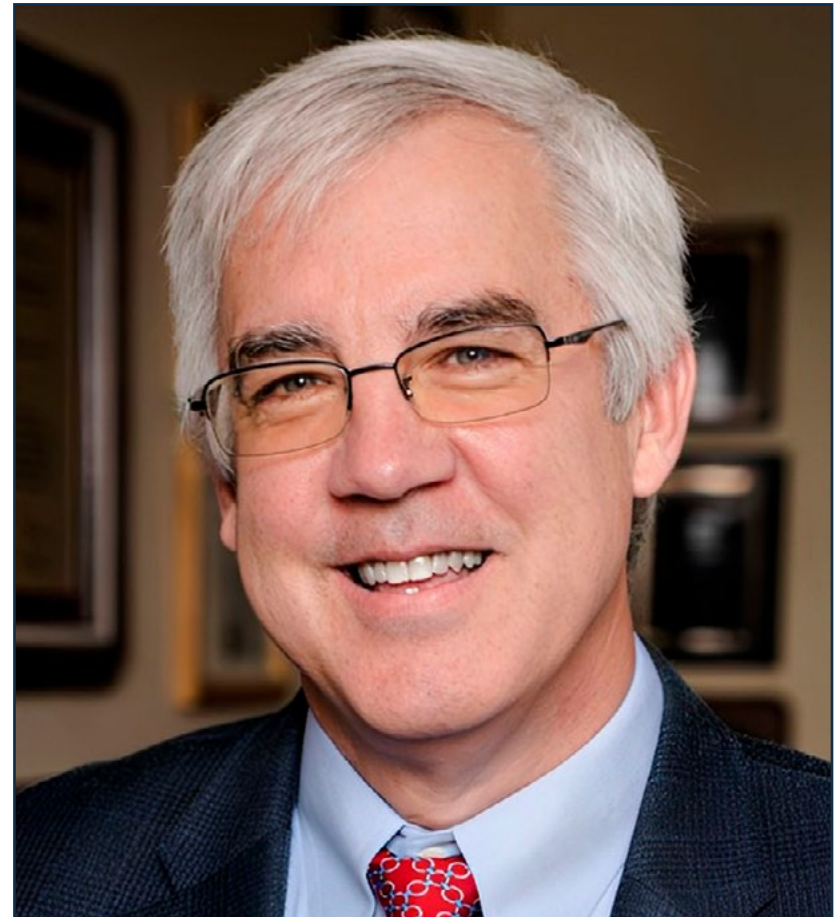
Dr. R. Michael Tuttle has developed, for more than 3 decades, a successful career in the medical field of Endocrinology. Thanks to his exceptional skills, this expert has received numerous international awards. He has received the Lewis Braverman Lectureship Award from the American Thyroid Association and the Knoll Pharmaceutical Mentor Award from the Endocrine Society.

He has also recently served as Clinical Director of the Endocrine Service at Memorial Sloan Kettering Hospital. He is also a permanent academic collaborator at Cornell University Medical School in New York.

In addition, Dr. Tuttle has distinguished himself on the clinical-research level. Specifically, he has delved deeply into the study of Thyroid Cancer and his work in this field has changed the paradigm regarding differentiated treatments (DTC) for this disease. Prior to his therapeutic innovations, all patients were treated with Total Thyroidectomy and Radioactive Iodine (RAI). However, this expert was one of the pioneers in using serum Thyroglobulin (Tg) as an indicator of residual DTC.

As such, he has led international studies that demonstrated the efficacy of recombinant thyrotropin (rhTSH) in determining TSH-stimulated Tg. This also led to the stratification of patients into risk categories and reduced the number of ionizing radiations. Together with his molecular analyses, his clinical work has opened a new scenario for multikinase inhibitor (TKI) therapies for radioiodine therapy-resistant DTC.

On the other hand, he has been a consultant to the Center for Disease Control for Radiation Exposure of Peoples in the Marshall Islands, the Hanford Downwinder Project, and a consultant to the National Academy of Sciences for Radiation Exposed Populations.



Dr. Tuttle, R. Michael

- Clinical Director of the Endocrinology Service at Memorial Sloan Kettering Cancer Center
- Specialist in Thyroid Cancer and Radioiodine Therapy.
- Academic Advisor, Cornell University Medical School, New York
- Fellowship at the Madigan Army Medical Center
- Residency in Medical Endocrinology at Dwight David Eisenhower Army Medical Center
- M.D. from the University of Louisville
- B.S. in Biology, Northern Kentucky University
- Member of:
 - Endocrine Society
 - American Thyroid Association
 - American Association of Endocrine Surgeons
 - American Association of Clinical Endocrinologists



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

Management



Dr. Álvarez Escola, María Cristina

- ♦ Head of the Endocrinology and Nutrition Service at La Paz University Hospital
- ♦ Resident Tutor in the Endocrinology and Nutrition Service at the La Paz University Hospital
- ♦ Coordinator for the Endocrine Tumors Committee at La Paz University Hospital
- ♦ Coordinator for the Pituitary Tumors Committee and the Selar Area at La Paz University Hospital
- ♦ Coordinator for the SENDIMAD Neuroendocrinology Group
- ♦ Member of the National Commission of Endocrinology and Nutrition, Ministry of Health, Spain
- ♦ PhD in Medicine and Surgery from the University of Alcalá de Henares

Co-Direction



Dr. Fernández Martínez, Alberto

- ♦ Assistant Physician Specialist in General Endocrinology at Móstoles University Hospital
- ♦ Attending physician specializing in Endocrinology and Nutrition at La Paz University Hospital
- ♦ Degree in Medicine from the University of Barcelona
- ♦ Postgraduate Specialization in Neuroendocrinology at the Oxford Centre for Diabetes, Endocrinology and Metabolism
- ♦ Endocrinology Team Assistant responsible for educational activities for diabetic patients at the Gran Canaria Diabetic Association
- ♦ Collaborating monitor for health education activities for diabetic patients



Dr. Blanco Carrera, Concepción

- Endocrinology and Nutrition Resident Tutor at Príncipe de Asturias Hospital
- Specialist Physician in Endocrinology and Nutrition, Area III Specialized Care
- Medical Specialist in the Endocrinology Service at Albacete General Hospital
- PhD in Medicine and Surgery from the Autonomous University of Madrid.
- Specialist in Endocrinology and Nutrition, MIR training at Puerta de Hierro Hospital
- Master's Degree in Health Care Unit Clinical Management from Universidad Internacional Menéndez Pelayo

Professors

Dr. Riesco Eizaguirre, Garcilaso

- ♦ Head of the Endocrinology and Nutrition Service at Móstoles University Hospital
- ♦ PhD in Medicine from the Autonomous University in Madrid
- ♦ Degree in Medicine and Surgery from the University of Alcalá de Henares
- ♦ Master's Degree in Health Care Unit Clinical Management from Universidad Internacional Menéndez Pelayo

04

Structure and Content

Following the most innovative educational methodology, the contents of this Postgraduate Certificate have been structured so students can make the most of all the material taught. The teaching staff has created specific videos for this program, which contain practical teaching that helps students to contextualize all the theory. That way, the teaching load is reduced and the training is much more useful for students.





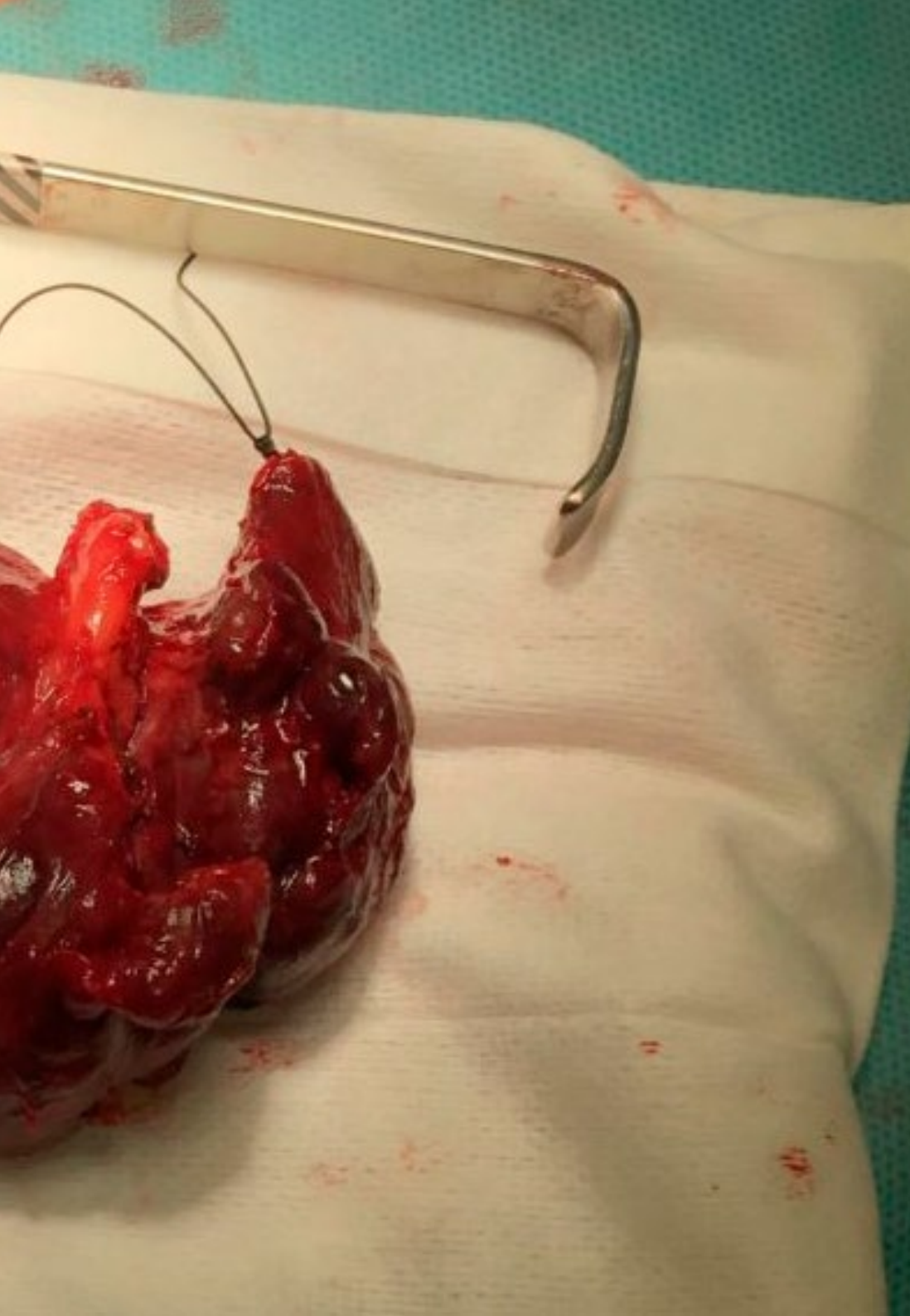
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*You will find a complete syllabus,
up to your highest educational and
health expectations”*

Module 1. Differentiated Thyroid Carcinoma (DTC)

- 1.1. Molecular Aspects of Differentiated Thyroid Carcinoma: Clinical Implications
- 1.2. Pathological Anatomy of Thyroid Carcinoma: Classification
- 1.3. Follicular Neoplasm with Papillary-Like Changes (FANFIC)
- 1.4. Papillary Microcarcinoma
 - 1.4.1. Is Only Monitoring Possible?
 - 1.4.2. When to Treat
 - 1.4.3. How to Treat
- 1.5. Initial Staging 8th Classification Differences with the 7th Classification
- 1.6. Surgical Treatment
 - 1.6.1. Initial Surgical Treatment
 - 1.6.2. Relapse Treatment
- 1.7. Radioiodine Treatment
 - 1.7.1. When to Treat
 - 1.7.2. Treatment Dose
 - 1.7.3. Radioiodine Refractoriness
- 1.8. Monitoring: Dynamic Risk Staging
- 1.9. Treatment of Advanced Unresectable DTC
- 1.10. Importance of Tumor Committees and Patient Associations
 - 1.10.1. Multidisciplinary Approach
 - 1.10.2. Role of Patient Associations: AECAT (Spanish Association of Thyroid Cancer)





“ Thanks to the practical approach of this Postgraduate Certificate, you will have at your disposal all the necessary tools to diagnose, treat and perform adequate DTC monitoring”

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:

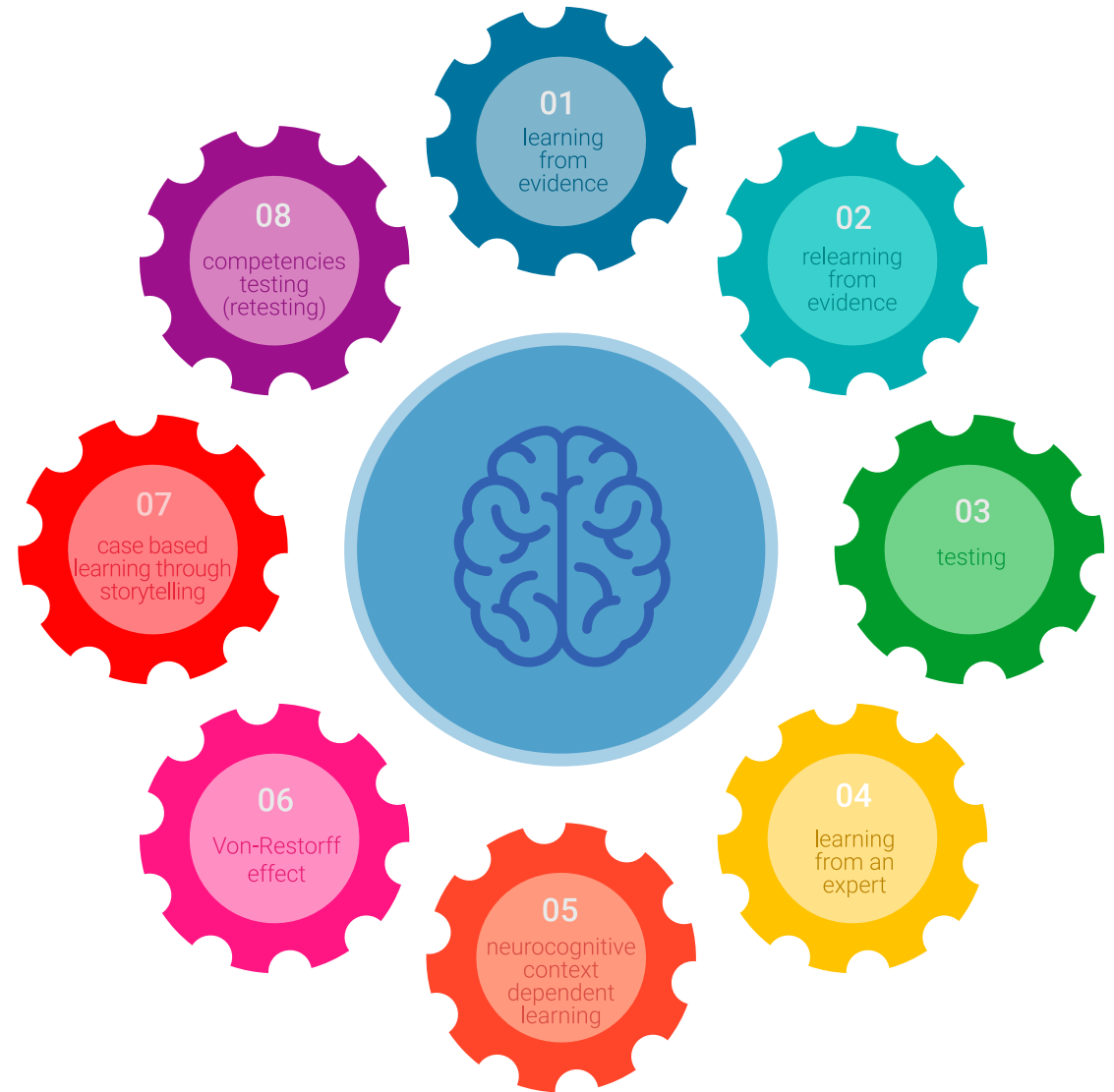
1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better 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 Harvard 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.

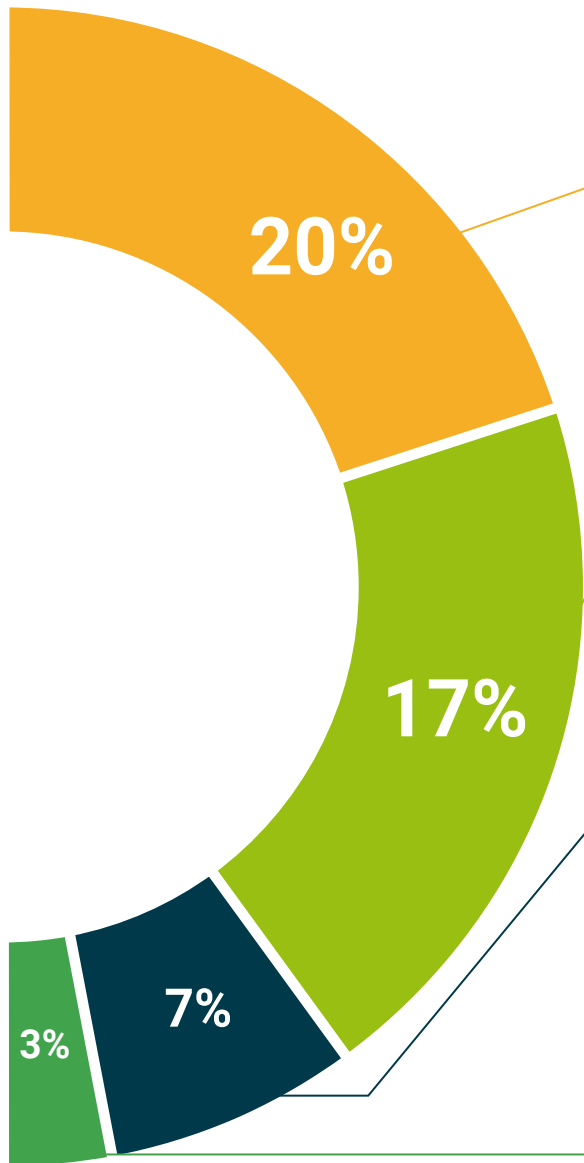
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Differentiated Thyroid Carcinoma (DTC) guarantees, in addition to the most rigorous and up-to-date training, access to a qualification issued by TECH Technological University.



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Successfully complete this training program and receive your diploma without travel or laborious paperwork”

This **Postgraduate Certificate in Differentiated Thyroid Carcinoma (DTC)** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by TECH Technological University will reflect the qualification obtained in the Postgraduate Certificate, and it meets the requirements commonly demanded by job exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Differentiated Thyroid Carcinoma (DTC)**

Official Number of Hours: **150 h.**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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



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