Postgraduate Diploma Cutaneous Neoplasms in Onco-Hematologic Patients



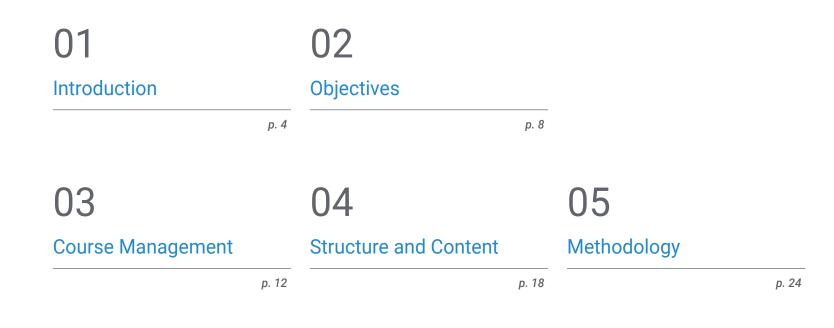


# **Postgraduate Diploma** Cutaneous Neoplasms in Onco-Hematologic Patients

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-cutaneous-neoplasms-onco-hematologic-patients

# Index



06 Certificate

# 01 Introduction

In recent years, there have been important advances in diagnostic and therapeutic techniques to treat Cutaneous Neoplasms in Onco-Hematologic Patients. It is for this reason that it is important for the physician to be up-to-date in targeted therapies, immunotherapy and topical and systemic therapies, in order to treat in a personalized and more efficient way such pathology. For this reason, TECH has developed this program that offers the clinical specialist an actualization in the evaluation of dermatological diseases in oncological patients, including analysis, evolution, epidemiology, etiopathogenesis and treatment. All this with a 100% online degree that gives you total freedom to combine your daily activities with those of this course.

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With this Postgraduate Diploma you will be aware of the latest advances in the treatment, evaluation and diagnosis of Cutaneous Neoplasms in Onco-Hematologic Patients"

# tech 06 | Introduction

Over time, it has been shown that immunocompromised patients, such as those undergoing bone marrow transplants or with diseases such as Leukemia, Lymphoma or Multiple Myeloma, have a higher risk of developing skin tumors due to their weakened immune status. Therefore, in response to this growing problem, the medical and scientific community has focused its efforts on the development of more effective diagnostic and therapeutic techniques to address Cutaneous Neoplasms in Onco-Hematologic Patients. For this reason, it is important for the physician to be at the forefront of these techniques, in order to offer an effective and personalized treatment to his patients.

With this in mind, TECH has elaborated this program that will allow the specialist to enjoy an excellent overview of Cutaneous Tumors in Onco-Hematologic Patients. In a 6-month course, the expert will receive an extensive education on the epidemiology of the pathology, frequency, distribution and trends of cutaneous neoplasms in oncology patients. It will also delve into factors such as its pathogenesis, clinical presentation, histology and immunohistochemistry, and clinical and laboratory evaluations, as well as histopathological and immunohistochemical tests.

Consequently, this Postgraduate Diploma, which is offered in a 100% online format, provides the physician with the possibility of continuing with their personal and work activities along with this program, since they will not have to adhere to a specific class schedule.

You can also access all the content available for the program from any place and at any time, since you will only need an electronic device with an Internet connection. This degree also implements the *Relearning* method, which guarantees you optimizing time and remembering the most complex concepts in less time. This **Postgraduate Diploma in Cutaneous Neoplasms in Onco-Hematological Patients** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of case studies presented by experts in Dermatology, Oncology and Plastic and Reconstructive Surgery
- 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
- Practical exercises where self-assessment can be used to improve learning.
- Its special emphasis on innovative methodologies
- 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 will deepen in the classification and staging of different cutaneous tumors, to choose the most appropriate treatment route according to the pathology"

## Introduction | 07 tech

You will be aware of the effectiveness of Radiotherapy, Chemotherapy and Immunotherapy as the most effective treatment measures for most effective treatment measures for Onco-Hematologic patients"

The program's teaching staff includes professionals from 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 provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersion education programmed to learn 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. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts. With this degree you will delve into Mycosis Fungoides and Sezary Syndrome and the most up-to-date diagnostic techniques for their proper treatment.

Thanks to TECH you will be aware of the advances in the detection of cutaneous primitive B lymphomas and cutaneous lymphomas in childhood.

# 02 **Objectives**

The aim of this degree is to offer the health professional an introduction to Cutaneous Neoplasms in Onco-Hematologic Patients. This way, it will enhance their skills for the detection and specific treatment guideline for patients who present Skin Cancer and who also have Onco-Hematological conditions. To achieve this, a program has been made available for the specialist that offers a series of multimedia resources housed in a virtual library that can be accessed without time restrictions from any electronic device with an Internet connection.

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You will implement in your medical practice the latest diagnostic techniques in skin lesions induced by antineoplastic treatments"

# tech 10 | Objectives



## **General Objectives**

- Identify and classify the different types of skin cancer, including melanoma, basal cell carcinoma, squamous cell carcinoma and other less common subtypes
- Understand the risk factors associated with the development of skin cancer and their importance in prevention and early detection
- Perform a thorough clinical evaluation of patients with cutaneous cancer, including history, physical examination and interpretation of complementary tests
- Apply appropriate diagnostic techniques to confirm or rule out the presence of skin cancer, such as dermoscopy, biopsy and cytology
- Develop skills in the therapeutic management of different types of Skin Cancer, including surgery, radiotherapy, photodynamic therapy and the use of systemic therapies
- Evaluate and manage the complications and side effects associated with Skin Cancer treatments, such as infections, scarring and pigmentary disorders
- Provide genetic counseling to patients and their families in cases of hereditary cutaneous cancer or predisposing genodermatoses
- Promote the prevention of skin cancer through education and awareness of sun protection methods and early detection of suspicious lesions
- Participate in multidisciplinary oncology care teams, collaborating with oncologists, dermatologists, surgeons and other health professionals in the integral management of oncology patients
- Constantly keep up to date with the latest advances and research in the field of skin cancer in order to provide evidence-based care



## Objectives | 11 tech



#### Module 1. Other Skin Neoplasms

- Be up to date on the clinical and dermoscopic features of premalignant or malignant cutaneous sarcomas and other cutaneous neoplasms to differentiate them from other benign skin lesions
- Be up to date on the risk factors associated with the development of cutaneous sarcomas, such as previous radiation, exposure to chemicals and certain genetic predispositions
- Delve into new developments in the different types of penile and anal cancer, including their clinical features, risk factors and treatment options
- Review the identification and clinical evaluation of oral leukoplakia lesions and understand their relationship to the development of oral cancer

#### Module 2. Cutaneous Lymphomas

- Distinguish the different subtypes of cutaneous lymphomas, such as T-cell lymphoma and B-cell lymphoma, by evaluating clinical, histopathological and molecular features
- Be up to date on the pathogenetic mechanisms involved in the development of cutaneous lymphomas, including infiltration of malignant lymphoid cells into the skin and systemic dissemination
- Keep up to date with diagnostic techniques for cutaneous lymphomas, such as skin biopsy, immunohistochemistry, flow cytometry analysis and molecular biology
- Implement into your practice new developments in the treatment options available for cutaneous lymphomas, including topical therapy, radiotherapy, chemotherapy and targeted therapy, and understand their indications and limitations

#### Module 3. Dermatologic Pathology in the Oncology Patient

- Identify new developments regarding the most common dermatological manifestations in oncology patients, such as chemotherapy-induced dermatitis, skin lesions associated with radiotherapy and adverse reactions to targeted therapies
- Evaluate and properly diagnose dermatologic complications in oncology patients, such as secondary skin infections, skin reactions to medications and pressure ulcers
- Understand the pathophysiologic mechanisms underlying dermatologic manifestations in oncologic patients, including immune system dysfunction, toxicity of treatments, and side effects of the disease itself
- Develop skills in the management and treatment of dermatologic conditions in oncologic patients, including the use of topical medications, application of local cures, infection prevention and control of skin pain

Thanks to TECH you will be up-to-date on treatment alternatives to address diseases such as Dermatomyositis and Neutrophilic Dermatoses"

# 03 Course Management

In order to maintain the high level that characterizes TECH programs, this degree has a group of teachers recognized for their expertise in the field of Radiation Oncology and surgical procedures related to Skin Cancer. These specialists, active in leading hospitals, have extensive knowledge in the management of diagnostic techniques and treatment of skin cancer diseases. Therefore, the health professional who completes this Postgraduate Diploma will have the guarantee of receiving a high-level upgrade in their knowledge, in accordance with the most recent advances in this field.

You will have the best teaching staff and the most advanced content, with which you will be able to offer treatment alternatives for skin infections in oncology patients"

## tech 14 | Course Management

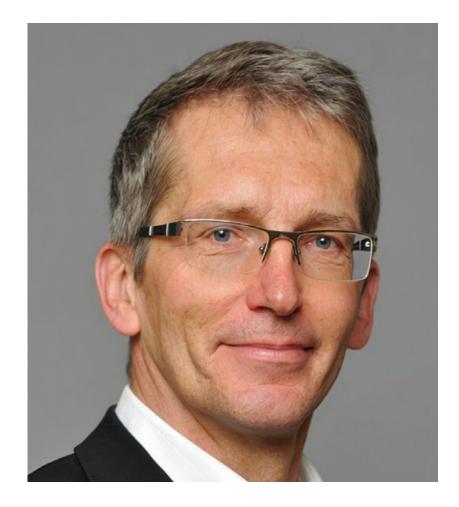
### **International Guest Director**

Reinhard Dummer is Deputy Clinical Director of the Department of Dermatology at the University Hospital of Zurich, Switzerland. Recognized as a world leader in Cutaneous Oncology, he heads the Skin Cancer Unit and the Clinical Trials Unit in his department. With initial training in Hematology, he completed his residency in Dermatology in Würzburg, Germany, and in Switzerland. He is also board certified in Allergology, Clinical Immunology, Dermatology and Dermatopathology.

Throughout his career, Dr. Dummer has specialized in the Molecular Biology and Immunotherapy of skin tumors, including Lymphomas and Melanomas. He has published more than a thousand scientific articles, accumulating a very high impact factor in his research publications. Also, as a pioneer in Translational Medicine, he has participated in key studies on inhibitors such as Ipilimumab, and others selective of the BRAF oncogene, such as Vemurafenib. Thanks to these innovations, he and his team have achieved significant advances in the approach to skin metastasis.

In addition, this expert has received awards such as the first Translation Prize of the German Cancer Society. The award is a recognition of Dr. Dummer's ability to rapidly apply the results of preclinical research, obtained by other specialists, in his regular clinical practice. In turn, as an advocate of Personalized Medicine, one of his working premises has been to investigate the analysis of individual genetic material to optimize therapeutic benefits and minimize side effects in patients.

On the other hand, the scientist has been president of the Melanoma Project Group of the Swiss Institute for Applied Cancer Research. He is also a member of the German National Academy of Sciences and has been a member of the Board of Directors of the International Society for Melanoma Research and President of the International Cutaneous Lymphoma Society.



## Dr. Dummer, Reinhard

- Deputy Clinical Director, Department of Dermatology, University Hospital Zurich, Switzerland
- Head of the Cutaneous Tumor Center of the University Hospital Zurich
- Professor of Dermatology, Faculty of Medicine, University of Zurich, Switzerland
- Attending Physician in Oncology at the University Hospital of the Ruprecht-Karls University Heidelberg
- Doctorate at the Medical Faculty of the Julius-Maximilians-University Würzburg, Germany
- President of the International Society for Cutaneous Lymphoma (ISCL)
- Co-founder of the Board of Directors of the European Association of Dermato-Oncology
- Member of: European Academy of Science, European Society for Medical Oncology, Steering Committee of the Society for Melanoma Research Austrian Society of Dermatology and Venereology, German National Academy of Sciences, German Cancer Society

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

## tech 14 | Course Management

### Management



## Dr. Payano Hernández, Stephanyie

- Radiation Oncology at the Rey Juan Carlos University Hospital
- Radiation Oncology, Madrid Sanchinarro University Hospital
- Area Specialist in the Radiation Oncology Service at Genesis Care
- Faculty Physician in the Treatment Oncology Service at the Rey Juan Carlos Móstoles University Hospital
- Professor and honorary tutor of the Department of Medicine, Oncology Area at the Rey Juan Carlos University
- Professor of the Professional Master's Degree in Arteriovenous Malformation at TECH Technological University Degree in Medicine by Iberoamerican University. Member of SEOR, ESTRO, ILROG, ICAPEM

## Course Management | 15 tech



### Dr. Samper, Pilar

- Head of the Radiation Oncology Service at the Rey Juan Carlos University Hospital
- Physician in the Radiation Oncology Fields at the 12 de Octubre University Hospital
- Area Specialist at the Gómez Ulla Central Defense Hospital
- Professor of the University Foundation San Pablo CEU del Ciclo: Senior Technician in Radiotherapy
- Associate Professor in Health Sciences. Department of Medical Specialties. Fields: Radiology and Physical Medicine at the University of Alcalá de Henares
- \* Professor and honorary tutor of the Department of Medicine, Oncology Area of the Rey Juan Carlos University
- Professor at the Spanish School of Radiation Oncology
- Doctorate in Medicine from the University of Alicante
- Degree in Medicine and Surgery from the University of Alicante
- Member of SEOR, GOECP, URONCOR, GEBT, GICOR, ESTRO

# tech 16 | Course Management

## Professors

### Dr. Amaya Escobar, Enrique

- Physician in the Radiation Oncology Department of the Rey Juan Carlos University Hospital
- Radiation Oncologist at the Puerta de Hierro University Hospital
- Faculty Physician in the Treatment Oncology Service at the Madrid Norte Sanchinarro University Hospital
- Area Specialist at the Radiation Oncology Department Jove Hospital Foundation
- Area Specialist in the Radiation Oncology Department at the Rey Juan Carlos University Hospital
- Honorary Collaborator as a professor of Medicine at the Rey Juan Carlos University
- TER Professor Subject: Brachytherapy at the ITEP Training Center
- Coordinator Internships in Clinical Centers at ITEP Training Center
- Online Master in Thoracic Oncology at the CEU University
- Professional Master's Degree in Clinical Management, Medical and Health Care Management at the Technological University TECH
- Degree in Medicine from the Complutense University of Madrid
- Member of SEOR, SEOC, ESTRO, GICOR, GETTCC, URONCOR, SYROG, IRSA



## Course Management | 17 tech



### Dr. Salvatierra Calderón, María Gabriela

- Specialist Physician of the Radiation Oncology Service of the Rey Juan Carlos University Hospital
- Assistant Physician of Hematology and Hemotherapy at the University Hospital of Getafe
- Specialist Physician of the Radiation Oncology Service of the Rey Juan Carlos University Hospital
- Hematology and Hemotherapy Physician at La Paz University Hospital
- Visiting Physician at Seattle Cancer Care Alliance
- Specialist in Hematology and Hemotherapy, La Paz University Hospital
- Degree in Medicine and Surgery from the University of San Carlos de Guatemala

# 04 Structure and Content

This Postgraduate Diploma offers a wide range of relevant content in the field Cutaneous Neoplasms in Onco-Hematologic Patients. This way, the program provides a complete review on the evaluation of other cutaneous neoplasms, including their classification, staging and diagnosis, squamous cell carcinoma of the oral cavity and the analysis of cutaneous lymphomas. It will also delve into lymphomatoid papulosis and the epidemiology and etiopathogenesis of dermatologic pathology in oncologic patients. All this, complemented by multiple multimedia resources such as detailed video and real case studies that the professional can access at any time and place without time restrictions.

You will experience a significant reinforcement of your previous knowledge and a faster and more effective assimilation of new information thanks to the Relearning method"

## tech 20 | Structure and Content

#### Module 1. Other Skin Neoplasms

- 1.1. Evaluation of other skin neoplasms
  - 1.1.1. Classification of other skin neoplasms
  - 1.1.2. Staging of other skin neoplasms
  - 1.1.3. Diagnosis of other skin neoplasms
- 1.2. Oral cavity squamous cell carcinoma
  - 1.2.1. Analysis of squamous cell carcinoma of the oral cavity
  - 1.2.2. Histopathology of oral cavity squamous cell carcinoma
  - 1.2.3. Diagnosis of oral cavity squamous cell carcinoma
  - 1.2.4. Treatment of squamous cell carcinoma of the oral cavity
- 1.3. Penile squamous cell carcinoma
  - 1.3.1. Evaluation of penile squamous cell carcinoma
  - 1.3.2. Histopathology of penile squamous cell carcinoma
  - 1.3.3. Diagnosis of penile squamous cell carcinoma
  - 1.3.4. Treatment of penile squamous cell carcinoma
- 1.4. Anal squamous carcinoma
  - 1.4.1. Analysis of anal squamous cell carcinoma
  - 1.4.2. Histopathology of anal squamous cell carcinoma
  - 1.4.3. Diagnosis of anal squamous cell carcinoma
  - 1.4.4. Treatment of anal squamous cell carcinoma
- 1.5. Kaposi's Sarcoma
  - 1.5.1. Evaluation of Kaposi's sarcoma
  - 1.5.2. Histopathology of Kaposi's Sarcoma
  - 1.5.3. Diagnosis of Kaposi's sarcoma
  - 1.5.4. Treatment of Kaposi's sarcoma
- 1.6. Leukoplakia
  - 1.6.1. Analysis of Leukoplakia
  - 1.6.2. Histopathology of Leukoplakia
  - 1.6.3. Diagnosis of Leukoplakia
  - 1.6.4. Treatment of leukoplakia

- 1.7. Keratoacanthomas
  - 1.7.1. Evaluation of Keratoacanthomas
  - 1.7.2. Histopathology of keratoacanthomas
  - 1.7.3. Diagnosis of Keratoacanthomas
  - 1.7.4. Treatment of keratoacanthomas
- 1.8. Invasive Paget's Disease
  - 1.8.1. Analysis of extramammary Paget's disease
  - 1.8.2. Histopathology of extramammary Paget's disease
  - 1.8.3. Diagnosis of extramammary Paget disease
  - 1.8.4. Treatment of extramammary Paget disease
- 1.9. Malignant subcutaneous or soft-tissue tumors (sarcomas)
  - 1.9.1. Dermatofibrosarcoma
  - 1.9.2. Leiomyosarcomas
  - 1.9.3. Rhabdomyosarcoma
  - 1.9.4. Liposarcomas
- 1.10. Epidermal lesions
  - 1.10.1. Actinic Keratosis
  - 1.10.2. Bowen's Disease
  - 1.10.3. Spitzoid lesions

#### Module 2. Cutaneous Lymphomas

- 2.1. Skin Lymphoma Analysis
  - 2.1.1. Skin Lymphoma Evaluation
  - 2.1.2. Classification of skin lymphomas
  - 2.1.3. Diagnosis of skin lymphomas
  - 2.1.4. Treatment of skin lymphomas
- 2.2. Lymphomatoid Papulosis
  - 2.2.1. Clinic in lymphomatoid papulosis
  - 2.2.2. Histopathology in lymphomatoid papulosis
  - 2.2.3. Staging in lymphomatoid papulosis
  - 2.2.4. Treatment in Lymphomatoid Papulosis



## Structure and Content | 21 tech

#### 2.3. Mycosis Fungoides

- 2.3.1. Clinic in mycosis fungoides
- 2.3.2. Histopathology in mycosis fungoides
- 2.3.3. Staging in mycosis fungoides
- 2.3.4. Treatment in mycosis fungoides
- 2.4. Sezary syndrome
  - 2.4.1. Clinic in Sezary Syndrome
  - 2.4.2. Histopathology in Sezary Syndrome
  - 2.4.3. Staging in Sezary Syndrome
  - 2.4.4. Treatment in Sezary Syndrome
- 2.5. Adult T leukemia
  - 2.5.1. Clinical features in adult T leukemia
  - 2.5.2. Histopathology in Adult T Leukemia
  - 2.5.3. Staging in Adult T Leukemia
  - 2.5.4. Treatment in Adult T Leukemia
- 2.6. Adult T-cell lymphoma
  - 2.6.1. Clinical features of adult T-cell lymphoma
  - 2.6.2. Histopathology in Adult T-cell lymphoma
  - 2.6.3. Staging in Adult T-cell lymphoma
  - 2.6.4. Treatment features of adult T-cell lymphoma
- 2.7. Anaplastic cutaneous large cell anaplastic lymphoma cd30+
  - 2.7.1. Clinical features in anaplastic cutaneous large cell lymphoma cd30+
  - 2.7.2. Histopathology in Anaplastic cutaneous large cell anaplastic lymphoma cd30+
  - 2.7.3. Staging in Anaplastic cutaneous large cell anaplastic lymphoma cd30+
  - 2.7.4. Treatment features in anaplastic cutaneous large cell lymphoma cd30+
- 2.8. Cutaneous primitive B lymphomas
  - 2.8.1. Clinical features of cutaneous primitive B lymphomas
  - 2.8.2. Histopathology in cutaneous primitive B-lymphomas
  - 2.8.3. Staging in Cutaneous primitive B lymphomas
  - 2.8.4. Treatment features of cutaneous primitive B lymphomas

## tech 22 | Structure and Content

- 2.9. Primary cutaneous lymphomas in childhood
  - 2.9.1. Clinical features of primary cutaneous lymphomas in childhood
  - 2.9.2. Histopathology in primary cutaneous lymphomas in infancy
  - 2.9.3. Staging in primary cutaneous lymphomas in childhood
  - 2.9.4. Treatment in primary cutaneous lymphomas in childhood
- 2.10. Follow-up and recommendations
  - 2.10.1. Initial stage: First year
  - 2.10.2. Follow up: Second year
  - 2.10.3. In the Long Term
  - 2.10.4. Recommendations

#### Module 3. Dermatologic Pathology in the Oncology Patient

- 3.1. Evaluation of dermatologic pathology in the oncology patient
  - 3.1.1. Pathology analysis
  - 3.1.2. Evolution of the pathology
  - 3.1.3. Epidemiology of the pathology
  - 3.1.4. Etiopathogenesis of the pathology
- 3.2. Diagnosis
  - 3.2.1. Clinical Symptoms
  - 3.2.2. Histology
  - 3.2.3. Immunohistochemistry
  - 3.2.4. Diagnosis
- 3.3. Skin lesions induced by conventional antineoplastic QT
  - 3.3.1. Erythema toxicum of QT
  - 3.3.2. Localized Epidermal Necrolysis
  - 3.3.3. Epidermal cytotoxicity syndrome Acral erythema/ Foot-hand syndrome
  - 3.3.4. Reactivation ("recall") reactions
- 3.4. Paraneoplastic dermatomyositis
  - 3.4.1. Paraneoplastic dermatomyositis analysis
  - 3.4.2. Paraneoplastic dermatomyositis Clinical Symptoms
  - 3.4.3. Paraneoplastic dermatomyositis Histopathology
  - 3.4.4. Paraneoplastic dermatomyositis Treatment





## Structure and Content | 23 tech

- 3.5. Paraneoplastic neutrophilic dermatoses
  - 3.5.1. Evaluation of paraneoplastic neutrophilic dermatoses
  - 3.5.2. Clinical signs of paraneoplastic neutrophilic dermatosis
  - 3.5.3. Histopathology of paraneoplastic neutrophilic dermatoses
  - 3.5.4. Treatment of paraneoplastic neutrophilic dermatoses
- 3.6. Graft-versus-host disease
  - 3.6.1. Analysis of graft-versus-host disease
  - 3.6.2. Clinical Symptoms of Graft-Versus-Host Disease (GVHD)
  - 3.6.3. Histopathology of Graft-Versus-Host Disease (GVHD)
  - 3.6.4. Treatment of graft-versus-host disease
- 3.7. Paraneoplastic pemphigus
  - 3.7.1. Evaluation of paraneoplastic pemphigus
  - 3.7.2. Clinical manifestations of paraneoplastic pemphigus
  - 3.7.3. Histopathology of paraneoplastic pemphigus
  - 3.7.4. Treatment of paraneoplastic pemphigus
- 3.8. Skin infections of dermatological interest in oncology patients
  - 3.8.1. Analysis of skin infections
  - 3.8.2. Clinic of skin infections
  - 3.8.3. Histopathology of skin infections
  - 3.8.4. Treatment of skin infections
- 3.9. Cutaneous metastases of systemic neoplasms
  - 3.9.1. Analysis of metastasis of systemic neoplasms
  - 3.9.2. Clinical Symptoms of metastasis of systemic neoplasms
  - 3.9.3. Histopathology of metastasis of systemic neoplasms
  - 3.9.4. Treatment of metastasis of systemic neoplasms
- 3.10. Cutaneous Manifestations of Malignant Neoplasms
  - 3.10.1. Evolution of Cutaneous Manifestations of Malignant Neoplasms
  - 3.10.2. Clinical Manifestations of Cutaneous Manifestations of Malignant Neoplasms
  - 3.10.3. Histopathology of Cutaneous Manifestations of Malignant Neoplasms
  - 3.10.4. Treatment of Cutaneous Manifestations of Malignant Neoplasms

# 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"

## tech 28 | Methodology

### 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:

 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.
- 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.



## tech 30 | Methodology

## **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.



## Methodology | 31 tech

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.



## tech 32 | Methodology

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.

20%

15%

3%

15%

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.

## Methodology | 33 tech



#### **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.

20%

7%

3%

17%



#### **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 Diploma in Cutaneous Neoplasms in Onco-Hematological Patients guarantees, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma degree issued by TECH Global University..



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

## tech 34 | Certificate

This private qualification will allow you to obtain a **Postgraduate Diploma in Cutaneous Neoplasms in Onco-Hematologic Patients** 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** private qualification 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 Diploma in Cutaneous Neoplasms in Onco-Hematologic Patients Modality: online Duration: 6 months

Accreditation: 18 ECTS



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

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Postgraduate Diploma Cutaneous Neoplasms in Onco-Hematologic Patients

