

# Postgraduate Certificate

## Basal Cell Carcinoma





## Postgraduate Certificate Basal Cell Carcinoma

- » 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/basal-cell-carcinoma](http://www.techtute.com/us/medicine/postgraduate-certificate/basal-cell-carcinoma)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 16*

05

Methodology

---

*p. 20*

06

Certificate

---

*p. 28*

# 01

# Introduction

Basal Cell Carcinoma is the most common dermal cancer in humans and affects approximately 80% of skin neoplasms in the white-skinned population, especially affecting the face. It is, therefore, a frequent condition in the specialist's medical practice, which is why it is frequently studied and, consequently, is constantly evolving in terms of its methods of diagnosis and treatment. For this reason, TECH has decided to launch a program focused precisely on the new developments in this area. It presents a dynamic, complete and thorough 100% online degree that addresses the latest advances in Oncology and Dermatology focused on this disease, as well as the most effective clinical strategies that are being used in its treatment.





*Get up to date on the latest developments in the analysis of Basal Cell Carcinoma, its diagnosis and the most effective treatments for each case with TECH and this Postgraduate Certificate"*

The high frequency with which Basal Cell Carcinoma occurs has motivated its research. Thanks to decades of study of the most common cancerous pathology in the skin, it has been possible to determine its causes, as well as to establish multiple treatments, each time more effective, both for its prevention and for its management once diagnosed, especially in the elderly. However, it is a field in constant analysis, so specialists in Dermatologic Oncology need to be frequently up-to-date, something that allows them to assist their patients with more safety and effectiveness.

For this reason, and with the aim of facilitating this program, TECH, in its commitment to the medical profession, has developed this Postgraduate Certificate in Basal Cell Carcinoma. This program includes, in 180 hours of theoretical, practical and additional content, the latest developments related to the diagnosis and treatment of this disease. Through a complete and exhaustive syllabus, the specialist will be able to delve into the most innovative tests, the latest variants discovered, the handling of the most sophisticated clinical tools and the prevention and treatment therapies that are having the best results so far.

During the 6 weeks of the program, the specialist will have full access to a modern Virtual Campus, where all the content will be hosted from the beginning of the academic experience. In addition, you can access it from any device, whether it is a computer, tablet or cell phone. This will allow you to organize the course calendar in a completely personalized way, based on your total and absolute availability.

You will not have to worry, therefore, about tight schedules or tedious face-to-face classes, attending an upgrade of your knowledge perfectly compatible with the activity of your practice.

This **Postgraduate Certificate in Basal Cell Carcinoma** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Case studies presented by experts in Dermatology Oncologic
- ♦ 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 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
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Thanks to the course of this program you will be up to date on the risk factors of Basal Cell Carcinoma, as well as the pathogenesis that causes it"*



*During the 6 weeks of the program you will have unlimited access to the content through a modern Virtual Campus"*

*The course includes an exhaustive review of the advances related to the clinical variants of Basal Cell Carcinoma and the best treatments for each case.*

*If you wish to perfect your diagnostic skills through optical coherence tomography, here you will find the most innovative techniques to master it.*

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.



# 02

# Objectives

TECH is committed to the medical profession. That is why every year it launches dozens of degrees aimed at enabling its specialists to keep up to date in their respective areas of practice. Therefore, the objective of this Postgraduate Certificate is to provide you with all the information you need to facilitate this task, ensuring, in addition to upgrading your knowledge, the improvement of your skills and aptitudes in the treatment of patients diagnosed with Basal Cell Carcinoma.





“

*Would you like to approach adjuvant treatment from an actualized perspective and with the latest photodynamic therapies? Enroll in this Postgraduate Certificate and get up to date"*



## General Objectives

---

- 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



*Increase the accuracy of your prognosis by improving your knowledge in the follow-up of Basal Cell Carcinoma with a program designed by the best experts in Dermatology and Oncology"*



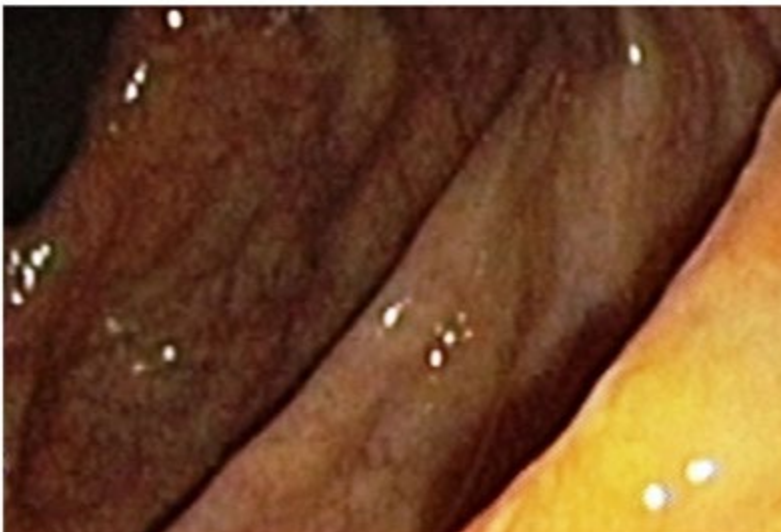


## Specific Objectives

---

- ♦ Identify the clinical and dermoscopic features of basal cell carcinoma and differentiate it from other benign skin lesions based on the latest scientific evidence
- ♦ Be up to date on risk factors associated with the development of basal cell carcinoma, such as chronic sun exposure, family history and genetic conditions
- ♦ Implement into clinical practice the latest developments concerning the different histological subtypes of basal cell carcinoma and their relevance in prognosis and therapeutic handling
- ♦ Be up to date on the available treatment options for Basal Cell Carcinoma, including surgery, photodynamic therapy, radiotherapy and hedgehog pathway inhibitors, and understand their indications and contraindications

D



03

# Course Management

The teaching staff of this Postgraduate Certificate is formed, as it cannot be otherwise, by a team of professionals of the highest level within the clinical field. It is a versatile group between Oncology and Dermatology, experts in the management of patients with various dermal pathologies, in their diagnosis and treatment. In addition, they wanted to provide the program with a multitude of resources in various formats, so that the specialist can catch up dynamically and effectively with the course of this degree.



“

*If you have any questions, the teaching team will be at your disposal to solve them through the direct communication tool that you will find in the Virtual Campus"*

## 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 Allergy, 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 Sciences, 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”*

## 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 from the Ibero University
- Member of SEOR, ESTRO, ILROG, ICAPEM





### 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, GEPT, GICOR, ESTRO

## 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

# 04

## Structure and Content

TECH is a pioneer in the entire university panorama for its use of the effective and innovative Relearning method. Thanks to its use in the development of the theoretical content, the graduate will be able to catch up on Basal Cell Carcinoma in a progressive and natural way, without having to invest extra hours in studying long and tiresome syllabi. In addition, the curriculum includes practical and additional material, focused on bringing dynamism to the academic experience and allowing you to improve your skills in the treatment of patients diagnosed with this pathology.





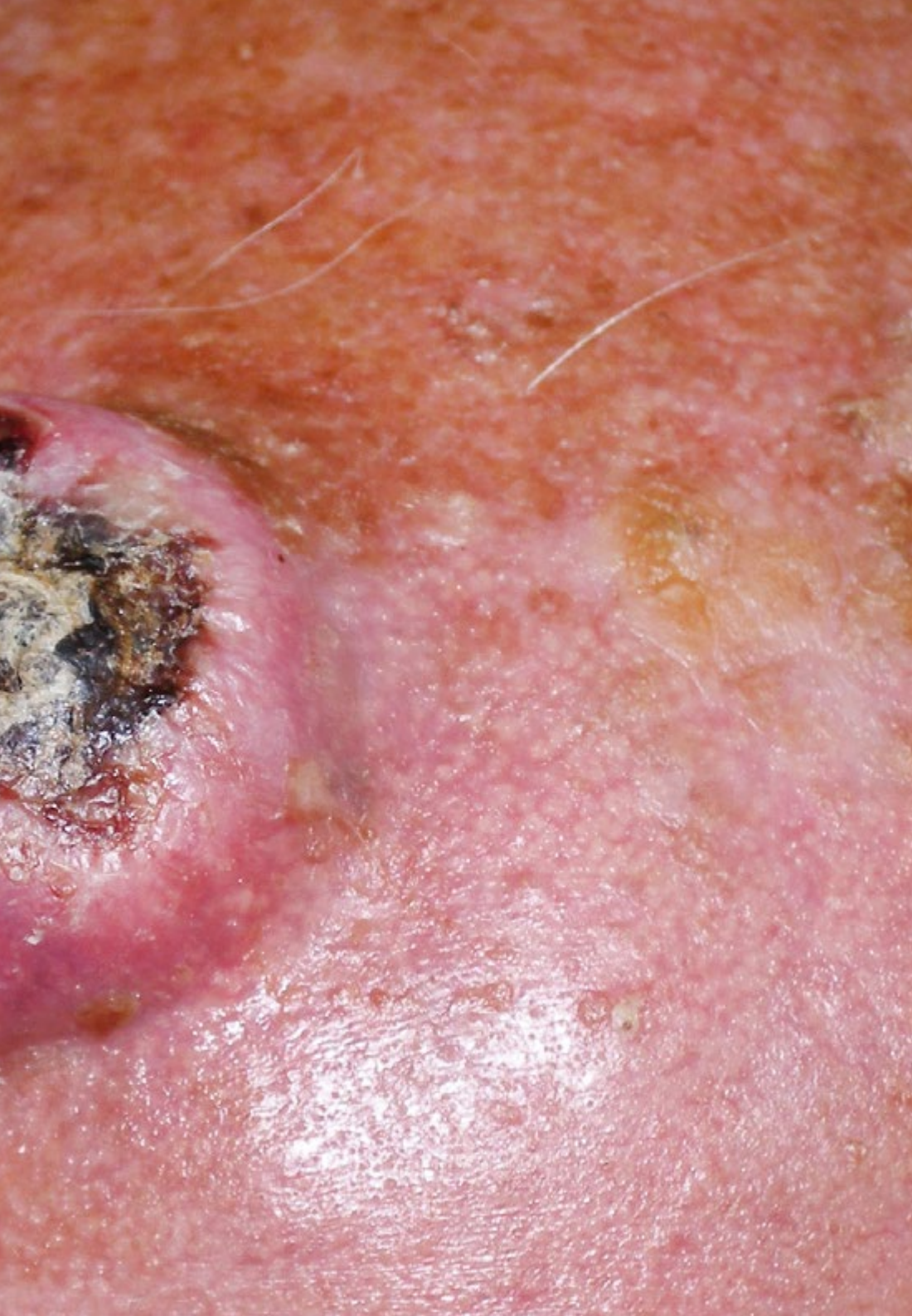
“

*In the Virtual Campus you will find 180 hours of theoretical, practical and additional content, so you can catch up at your own pace and expand each section in a personalized way"*

## Module 1. Basal Cell Carcinoma

- 1.1. Basal Cell Carcinoma Analysis
  - 1.1.1. Basal Cell Carcinoma Assessments
  - 1.1.2. Basal Cell Carcinoma Epidemiology
  - 1.1.3. Risk factors in Basal Cell Carcinoma
  - 1.1.4. Basal Cell Carcinoma Pathogenesis
- 1.2. Clinical variants
  - 1.2.1. Nodular
  - 1.2.2. Morpheiform
  - 1.2.3. Superficial
  - 1.2.4. Fibroepithelioma
- 1.3. Diagnosis
  - 1.3.1. Clinical Symptoms
  - 1.3.2. Dermatoscopy
  - 1.3.3. Optical Coherence Tomography
  - 1.3.4. Confocal reflectance microscopy
- 1.4. Clinical stages
  - 1.4.1. Staging systemClinical Status
  - 1.4.2. Stage 0
  - 1.4.3. Clinical Stage I and II
  - 1.4.4. Clinical Stage III - Clinical Stage IV
- 1.5. Sentinel lymph node
  - 1.5.1. Sentinel node analysis
  - 1.5.2. Lymphatic mapping
  - 1.5.3. Biopsy of Sentinel Lymph Node
- 1.6. Surgical Management
  - 1.6.1. Extensive local excision
  - 1.6.2. Mohs Surgery
  - 1.6.3. Lymphadenectomy
- 1.7. Reconstruction
  - 1.7.1. Skin graft
  - 1.7.2. Local flap
  - 1.7.3. Free flap





- 1.8. Adjuvant Treatment
  - 1.8.1. Chemotherapy
  - 1.8.2. Radiotherapy
  - 1.8.3. Photodynamic therapy (PDT)
  - 1.8.4. Hedgehog pathway inhibitors
- 1.9. Prognosis
  - 1.9.1. Stage 0
  - 1.9.2. Clinical Stage I and II
  - 1.9.3. Clinical Stage III
  - 1.9.4. Clinical Stage IV
- 1.10. Follow-up and recommendations
  - 1.10.1. Initial stage: First year
  - 1.10.2. Follow up: Second year
  - 1.10.3. Long term
  - 1.10.4. Recommendations

“

*You will be able to include in your practice the latest techniques in patient follow-up, as well as be up to date with the short and long term recommendations for patients with Basal Cell Carcinoma"*

# 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 & 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 Basal Cell Carcinoma 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 Basal Cell Carcinoma** 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 Basal Cell Carcinoma**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 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.





## Postgraduate Certificate Basal Cell Carcinoma

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

# Postgraduate Certificate Basal Cell Carcinoma

