Postgraduate Certificate

Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room

tech global university

tech global university

Postgraduate Certificate

Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room

- Modality: **online**
- Duration: **6 weeks**
- Certificate: **TECH Global University**
- Acreditation: **5 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: www.techtitute.com/us/medicine/postgraduate-certificate/ophthalmologic-otorhinlaryngologic-oral-cavity-infections-emergency-room

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

The objective of this training program is to train physicians working in Emergency Rooms to perform appropriate diagnosis and treatment of ophthalmologic, otorhinolaryngologic and oral cavity infections. In this way, a higher qualification of healthcare professionals will lead to a faster improvement in the health of patients. Do not hesitate and train with the best team of professionals at the moment. A unique opportunity to give a boost to your profession.

Knowing the symptomatology and the most appropriate treatments for the different infectious diseases will allow you to provide more personalized care with greater guarantees of success"

Infectious diseases have been, are and will be one of the basic pillars of medicine, not only in terms of individual health, but also in the broadest scenario we can consider: public health worldwide. Therefore, better training of medical professionals will allow better treatment results to be obtained, even taking into account that there are infectious pathologies that are difficult to cure, since they present resistance to the prescribed treatments.

On this occasion, we present this very complete Postgraduate Certificate on Ophthalmological, Otorhinolaryngological and Oral Cavity Infections in Emergency Rooms, with which you can specialize in this field and discover the main symptoms presented by patients with these pathologies, as well as the most effective diagnostic tests or their indicated treatments.

Specifically, the program includes the classic aspects in the management of infectious pathology by apparatus or organs, obviously taking into account any updates that may have occurred up to the time of the design of this program. But also, we have incorporated innovative aspects which we believe to be essential in the the correct management of infectious diseases in the current situation of health globalization.

In addition, it has the advantages of that as it is a 100% online training, the professional will be able to decide when and from where to study, without commitments or obligations, thus being able to combine his or her study time with the rest of his or her daily obligations.

This **Postgraduate Certificate in Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room** contains the most complete and up-to-date scientific program on the market. The most important features of the course are:

- Clinical symptom cases presented by experts in the field
- 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
- Therapeutic novelties on intervention in Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Roomt
- Practical exercises where the self-assessment process can be carried out to improve learning
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- Special emphasis on research 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

Our 100% online training gives you the possibility to study from anywhere in the world. All you need is a computer or mobile device with an internet connection"

This Postgraduate Certificate is the best investment you can make in the selection of an up-to-date program for two reasons: in addition to updating your knowledge of Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room, you will obtain a Postgraduate Certificate from: TECH"

Its teaching staff includes professionals belonging to the field of Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room, who contribute their work experience to this training, in addition to renowned specialists from leading scientific societies.

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 an immersive training experience designed to train for real-life situations.

This program is designed around Problem Based Learning, whereby the physician must try to solve the different professional practice situations that arise during the academic year. For this purpose, the professional will be assisted by an innovative interactive video system developed by renowned experts in the field of Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room with extensive teaching experience.

Increase your decision-making confidence by updating your knowledge through this Postgraduate Certificate.

Our comprehensive academic program, our high-level teaching methodology and the multitude of case studies in our courses will allow you to study in an easier way and with total guarantees of learning.

02

Objectives

The Postgraduate Certificate in Cardiovascular infections and the CNS in the Emergency Room is aimed at facilitating the performance of the professional dedicated to the treatment of urgent infectious pathology in all areas, , but , especially in the emergency room.

Get trained using the latest educational technology, to contribute with quality and safety to decision making and patient care"

General Objectives

- Provide the theoretical knowledge necessary to understand the environment in which professional care is given to patients with infectious diseases
- Provide the appropriate treatment in the different cases of infectious diseases
- Gain in-depth understanding of the areas in which professionals must be trained, in order for them to be able to provide the best practice when treating infectious diseases

Specific Objectives

- Explain the diagnosis and treatment of myelitis in the emergency room
- Explain the diagnosis and treatment of tracheitis, laryngitis and epiglottitis in the emergency room
- Explain the diagnosis and treatment of otitis externa, media and mastoiditis in the emergency room
- Explain the diagnosis and treatment of sinusitis in the emergency room
- Explain the diagnosis and treatment of a peritonsillar and para-retropharyngeal abscess in the emergency room
- Explain the diagnosis and treatment of dental infections in the emergency room
- Explain the diagnosis and treatment of mucositis and stomatitis in the emergency room
- Explain the diagnosis and treatment of salivary gland infections in the emergency room
- Explicar el diagnóstico y tratamiento en urgencias de la cervical adenitis. Embryonic cyst infections. Suppurative thyroiditis
- Explain the diagnosis and treatment of conjunctivitis and keratitis in the emergency room
- Explain the diagnosis and treatment of Uveitis, Endophthalmitis, and Retinitis in the emergency room
- Explain the diagnosis and treatment of periocular infections in the emergency room
- Explain the diagnosis and treatment of eyelid infections in the emergency room
- Explain the diagnosis and treatment of lacrimal apparatus in the emergency room
- Explain the diagnosis and treatment of orbital cellulitis in the emergency room

03

Course Management

The program includes in its teaching staff reference specialists in Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room and other related areas, who bring to this training the experience of their work. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.

Learn from leading professionals, the latest advances in procedures in the field of ophthalmologic, otorhinolaryngologic and oral cavity infections"

Management

Dr. García Rodríguez, Magdalena

- Degree in Medicine and Surgery
- Specialist in Internal Medicine
- Attending Physician in the Infectious Diseases Unit and the Consorcio General Hospital Valencia
- Head of the International Health and Travel Advice Section
- Author of several publication and research projects
- Founding member and advisor of the Chagas Disease Association of the Valencian Community
- Member of a vaccine study group for the Spanish Society of Infectious Diseases and Clinical Microbiology
- Member of a Malaria study group for the Spanish Society of Infectious Diseases and Clinical Microbiology

Dr. Ricart Olmos, María del Carmen

- Degree in Medicine and Surgery
- Specialist in Internal Medicine
- Attending Physician in the Infectious Diseases Unit and the Consorcio General University Hospital, Valencia
- Author of several publication and research projects
- Editor of the Consensus Document on Age and Human Immunodeficiency Virus Infection Expert Group of the Secretariat of the National AIDS Plan (SPNS), Spanish Society of Geriatrics and Gerontology (SEGG).
- Master's Degree in Infectious Diseases in Intensive Care

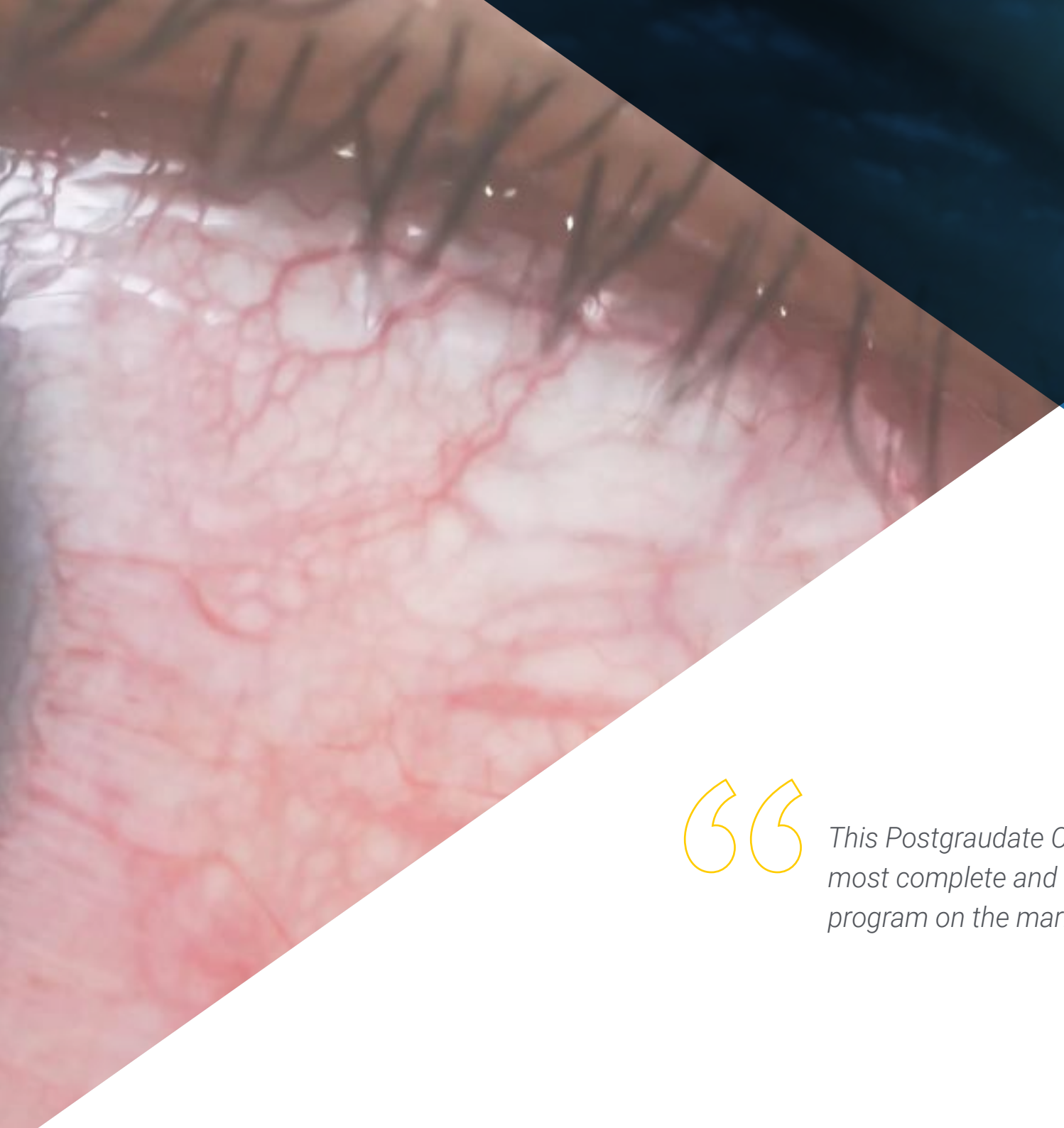
Dr. García Deltoro, Miguel

- PhD in Medicine from the University of Valencia
- Head of the Infectious Diseases Service at the Consortium General University Hospital in Valencia.
- 50 national and international publications in journals and books, 33 of them indexed in Pubmed and/or Scopus.
- President Congress of the National Group for the Study of Hepatitis of the Society for Infectious Diseases and Clinical Microbiology 2017
- More than 200 communications to National and International Congresses in the specialty of Infectious Diseases, HIV and Viral Hepatitis.
- Principal Investigator of some thirty Clinical Trials and/or Research Projects and collaborating researcher.

04

Structure and Content

The structure of the contents has been designed by a team of professionals from the best hospitals and universities in the country, aware of the relevance of current training to intervene in the diagnosis, treatment and monitoring of Ophthalmological, Otorhinolaryngological and Oral Cavity Infections in the Emergency Room and committed to quality teaching through new educational technologies.



This Postgraudate Certificate contains the most complete and up-to-date scientific program on the market"

Module 1. Infections of Organs and Apparatus (I): ORL, Head and Neck, Ophthalmological

1.1. Pharyngotonsillitis.
- 1.1.1. General Concept and Classification.

1.2. Oral Cavity, Head and Neck Infections
- 1.2.1. Plaque Gingivitis.
- 1.2.2. GUNA
- 1.2.3. Oral TB
- 1.2.4. Oral Syphilis.
- 1.2.5. Oral Mycosis.
- 1.2.6. Viral Infections.

1.3. Otitis Externa, Media and Mastoiditis.
- 1.3.1. Diffuse Otitis Externa and Circumscribed Otitis Externa (boils).
- 1.3.2. Otomycosis.
- 1.3.3. Malignant Otitis Externa.
- 1.3.4. Optic Herpes.
- 1.3.5. Bullous Myringitis.
- 1.3.6. Acute Otitis Media
- 1.3.7. Mastoiditis.

1.4. Sinusitis.
- 1.4.1. Pathophysiology.
- 1.4.2. Classification According to Etiology and Severity.
- 1.4.3. Symptoms
- 1.4.4. Diagnosis.
- 1.4.5. Complementary Tests.
- 1.4.6. Treatment.
- 1.4.7. Complications.

1.5. Peritonsillar, Parapharyngeal and Retropharyngeal Abscesses.
- 1.5.1. Peritonsillar Abscess.
- 1.5.2. Parapharyngeal Space Infection.
- 1.5.3. Retropharyngeal Space Infection.

1.6. Dental Infections.
- 1.6.1. Etiological Factors.
- 1.6.2. Etiopathogenesis.
- 1.6.3. Clinical Presentation.
- 1.6.4. Diagnosis.
- 1.6.5. Treatment.

1.7. Mucositis and Stomatitis.
- 1.7.1. Trauma Lesions.
- 1.7.2. Lesions Caused by Chemical Agents.
- 1.7.3. Allergic Stomatitis.
- 1.7.4. Oral Drug Ulcers by Unknown Mechanisms.
- 1.7.5. Gingival Alterations Caused by Drugs.
- 1.7.6. Facial Reaction to Esthetic Fillers.
- 1.7.7. Oral Lesions Caused by Cocaine.
- 1.7.8. Oral Mucosal Dyschromias due to Exogenous Pigmentation.
- 1.7.9. Injuries Caused by Physical Agents.
- 1.7.10. Recurrent Aphthous Stomatitis.
- 1.7.11. Erythema Multiform.

1.8. Infection of Salivary Glands.
- 1.8.1. General Aspects. Anamnesis and Examination Complementary Methods.
- 1.8.2. Viral Infection.
- 1.8.3. Bacterial Infections.
- 1.8.4. Sialodochitis or Obstructive Pathology of the Salivary Glands.

1.9. Acute Laryngitis and Epiglottitis
- 1.9.1. Acute Laryngitis
- 1.9.2. Tuberculous Laryngitis.
- 1.9.3. Epiglottitis.

1.10. Conjunctivitis and Keratitis.
- 1.10.1. Infectious Conjunctivitis.
- 1.10.2. Concept and General Considerations.
- 1.10.3. Bacterial Conjunctivitis.
- 1.10.4. Viral Conjunctivitis.
- 1.10.5. Mycotic or Parasitic Conjunctivitis.
- 1.10.6. Infectious Keratitis.
- 1.10.7. Concept and General Considerations.
- 1.10.8. Bacterial Keratitis.
- 1.10.9. Viral Keratitis.
- 1.10.10. Mycotic Keratitis.
- 1.10.11. Acanthamoeba Keratitis.

1.11. Uveitis, Endophthalmitis, and Retinitis.
- 1.11.1. Uveitis: Concepts and Classification.
- 1.11.2. Parasitic Uveitis
- 1.11.3. Viral Uveitis.
- 1.11.4. Fungal Uveitis.
- 1.11.5. Bacterial Uveitis.

1.12. Periocular Infections.
- 1.12.1. Stye.
- 1.12.2. Chronic Canaliculitis.
- 1.12.3. Acute Dacryocystitis.
- 1.12.4. Preseptal Cellulitis.
- 1.12.5. Postseptal (orbital) Celulitis.
- 1.12.6. Acute Dacryoadenitis: Inflammation of the Lacrimal Gland.
- 1.12.7. Viral Infections.
- 1.12.8. Other Periocular Infections.

05

Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning.***

This teaching system is used 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 Re-learning, 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

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you can 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 potential 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 professional medical 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:

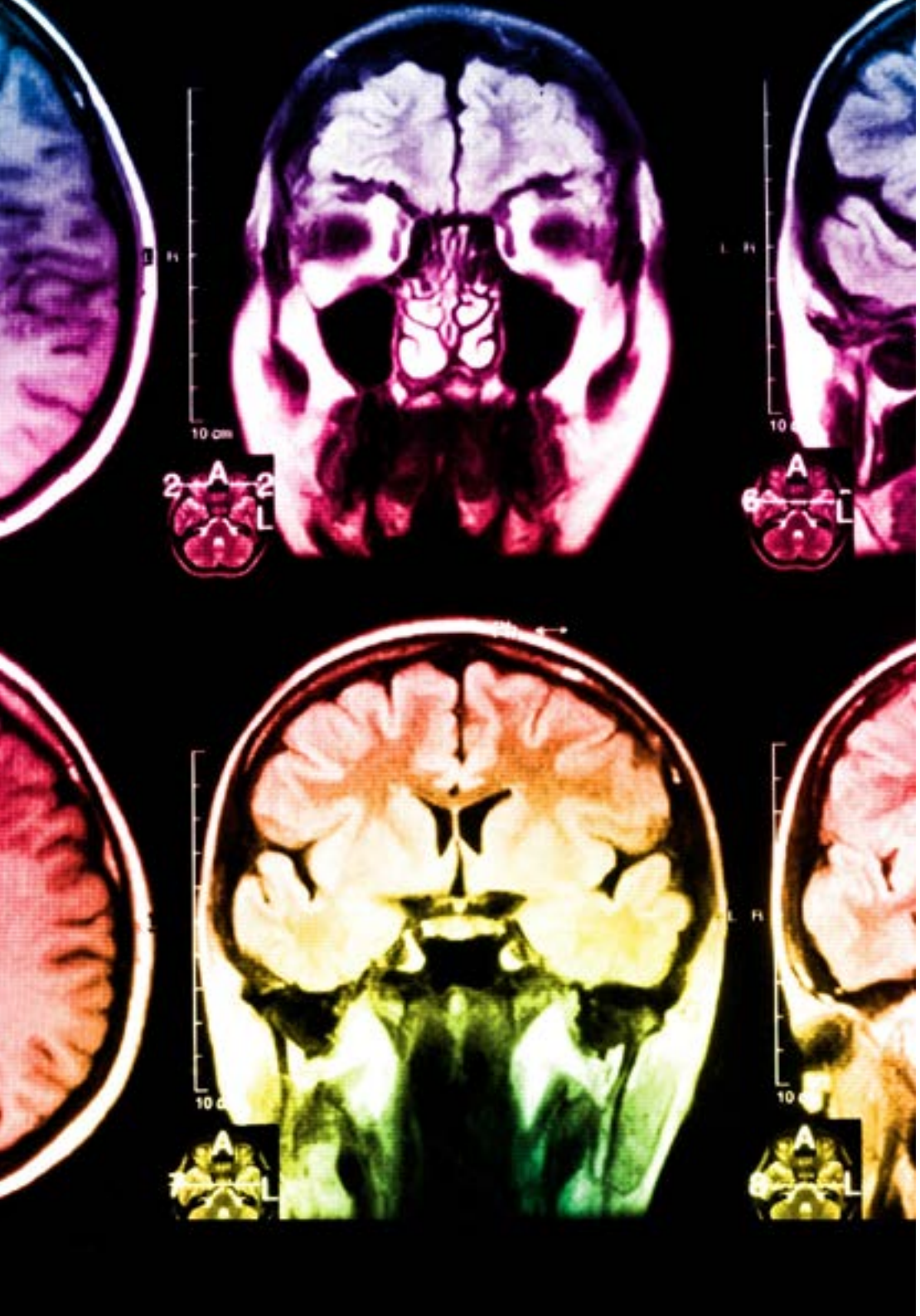
1. Students who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts 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.

Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.

The physician will learn through real cases and by solving 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards.

In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.

Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.

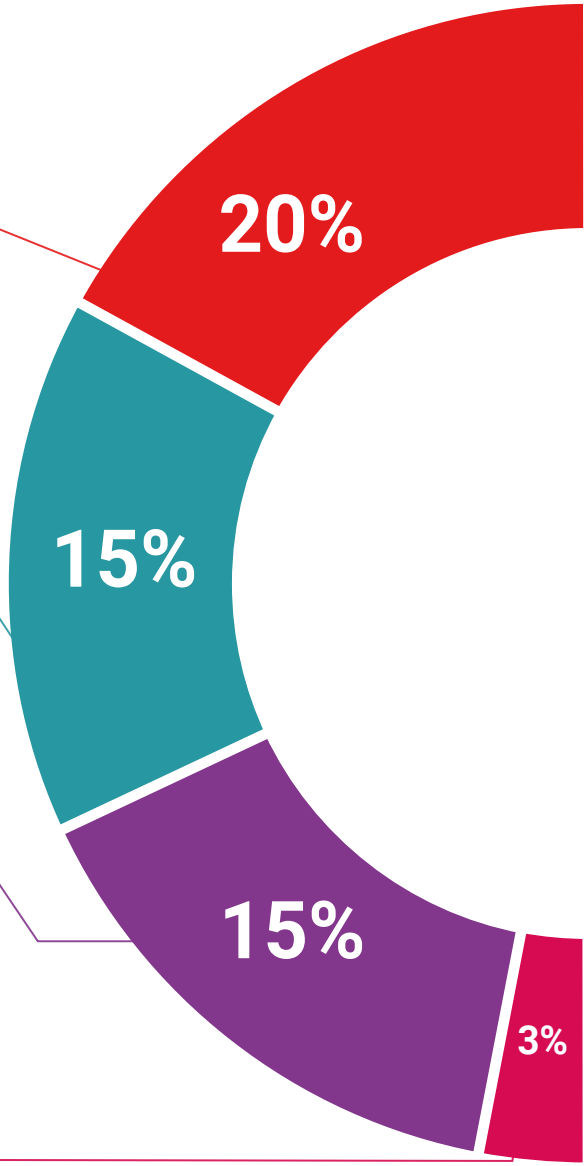
Interactive Summaries

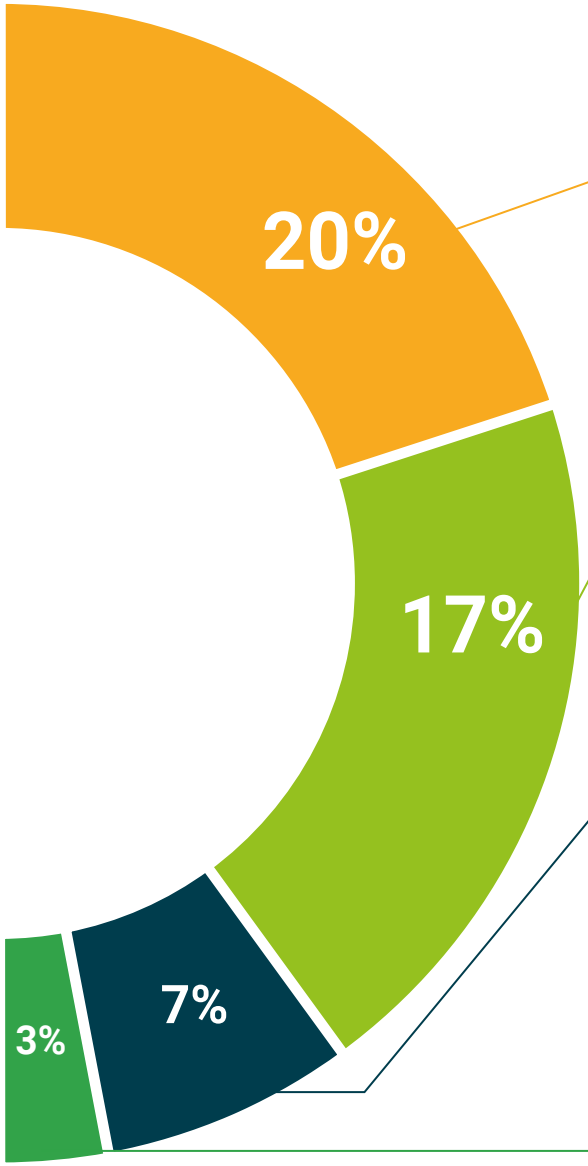
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".

Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through 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 your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.

Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert strengthens knowledge and memory, and generates confidence in our future difficult decisions.

Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.

06

Certificate

The Postgraduate Certificate in Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room 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 training and receive your diploma without the hassle of travel or paperwork"

This private qualification will allow you to obtain a **Postgraduate Certificate in Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room** 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.

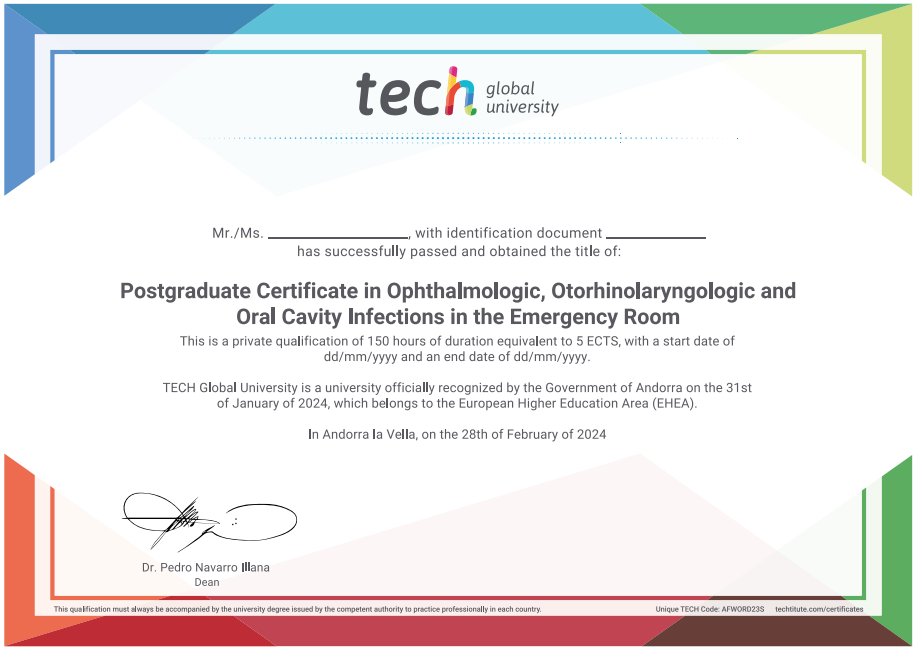
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room**

Modality: **online**

Duration: **6 weeks**

Accreditation: **5 ECTS**


tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room

This is a private qualification of 150 hours of duration equivalent to 5 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country. Unique TECH Code: AFWORD23S techtitute.com/certificates

*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.

tech global university

Postgraduate Certificate

Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room

- Modality: **online**
- Duration: **6 weeks**
- Certificate: **TECH Global University**
- Acreditation: **5 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Postgraduate Certificate

Ophthalmologic, Otorhinolaryngologic and Oral Cavity Infections in the Emergency Room

tech global university