

Postgraduate Certificate

Common Rheumatic Pathology in the Geriatric Patient



Postgraduate Certificate Common Rheumatic Pathology in the Geriatric Patient

- » 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/common-rheumatic-pathology-geriatric-patient

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01

Introduction

The social intervention planning for the care of geriatric patients with Common Rheumatic Pathology is fundamental. To address this issue, specialized training is required to enable the professional to understand and adequately manage these diseases. In this context, an academic program offered by TECH arises as a quality alternative for professionals seeking to acquire specific knowledge in the diagnosis and treatment of these pathologies. This degree is 100% online, with a pedagogical methodology based on Relearning and provides flexibility in the organization of academic resources that adapts to the needs and availability of students. Therefore, achieving a complete and updated experience in an area of great relevance in today's health care.





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Do you want to improve your skills in the care process of geriatric patients? This Postgraduate Certificate provides you with the necessary training to correctly evaluate and apply the different stages of the care process in this type of patients"

Common Rheumatic Pathology in the Geriatric Patient is a topic of great relevance nowadays due to the aging population. This condition can generate multiple pathologies and comorbidities, which can complicate the treatment and quality of life of the geriatric patient. For this reason, it is important to have professionals trained in the field.

Therefore, the Postgraduate Certificate in Common Rheumatic Pathology in the Geriatric Patient is a perfect opportunity to acquire specialized knowledge in the clinical management of geriatric patients with this pathology. The program agenda includes topics such as comorbidities, polypharmacy management, nutrition and physical activity in the elderly patient, vaccination and prophylactic treatments in geriatric patients, among others. In addition, it addresses the assessment of pain and frailty in older adults, the design and analysis of studies in rheumatology, and tools to facilitate health care.

The degree is taught 100% online, which allows students to progress at their own pace and greater flexibility to organize academic resources according to their needs. The objective is to enable graduates to apply the knowledge acquired in daily clinical practice and improve the quality of life of geriatric patients with frequent rheumatic pathology. All this without intervening in your daily life or current work practice.

This **Postgraduate Certificate in Common Rheumatic Pathology in the Geriatric Patient** 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 health experts focused on Common Rheumatic Pathology in the Geriatric Patient
- ◆ 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



Discover the fundamental role of nursing in the health care of patients with Common Rheumatic Pathologies, and deepen your knowledge of the work of nursing in the assessment of pain"

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During the course of this degree you will have the knowledge necessary to understand how comorbidities can affect polypharmacy and vice versa”

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 immersive 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.

In this program you will have an innovative methodology for effective learning, based on the use of multimedia and technological resources to promote a more interactive learning.

This degree allows you to organize your academic resources according to your schedule and needs. This way, you will be able to combine your training with other daily activities and responsibilities.



02 Objectives

The objective of this training is to provide healthcare professionals with a deeper understanding of common rheumatic pathology in geriatric patients. The purpose is to strengthen the knowledge of the patients' comorbidities, to recognize the need for prophylactic and supportive treatments, to evaluate the stages of the care process and to deepen the nursing work in the care of geriatric patients. In addition, the Postgraduate Certificate aims to enable students to identify the spatial characteristics of this population from a statistical point of view, so that professionals can deal more effectively and holistically with the health care of this group of patients.





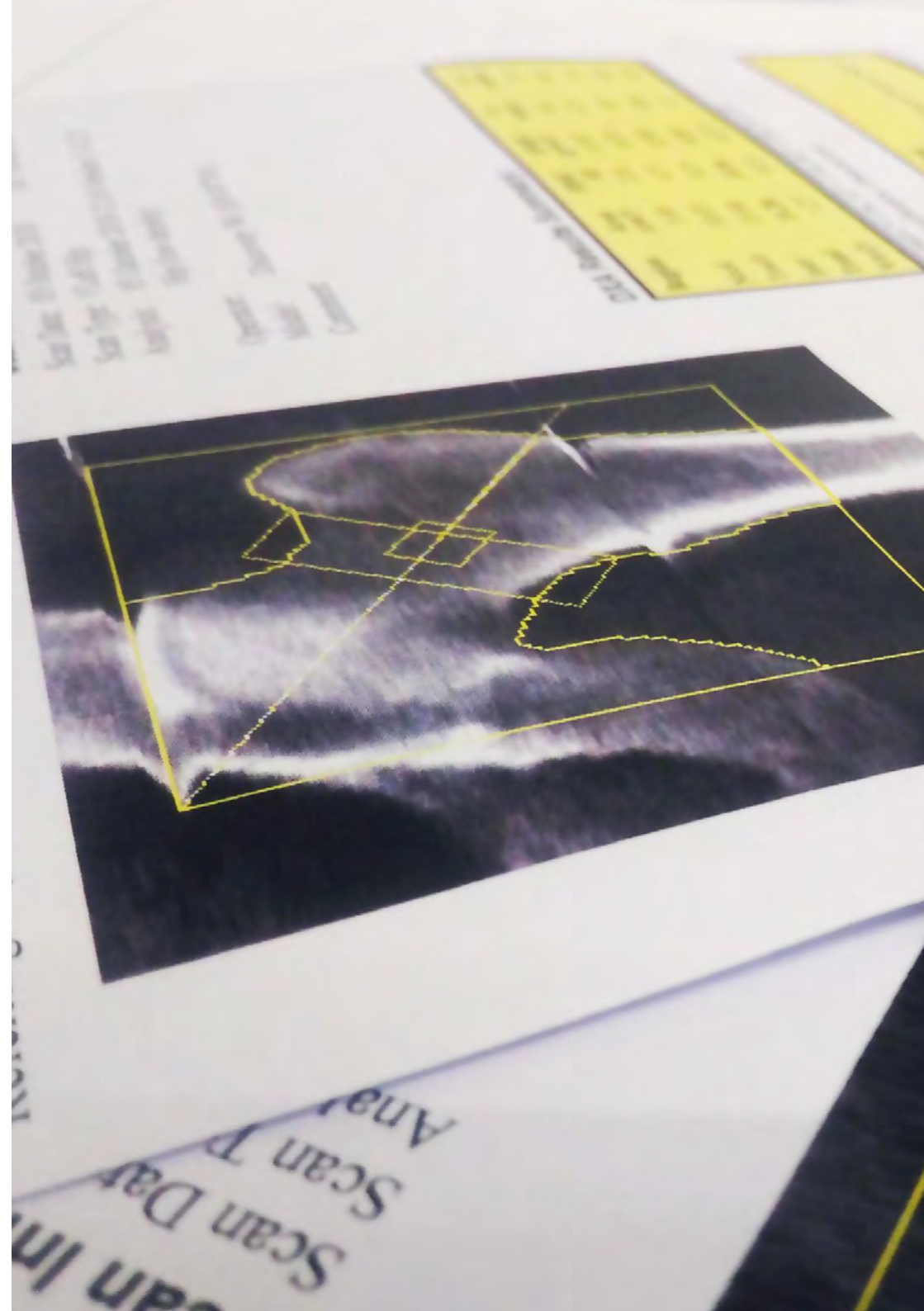
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Do you want to update your knowledge in Common Rheumatic Pathologies in Geriatric Patients? Access comprehensive training in an area of great relevance in today's healthcare"



General Objectives

- ◆ Deepen in the processes of aging, its clinical, diagnostic and prognostic implications
- ◆ Investigate the specific biological and physiological determinants of geriatric patients
- ◆ Learn more about the reasons why pathologies manifest themselves differently in geriatric patients, as well as the pharmacological characteristics that condition their treatments
- ◆ Update knowledge of the biopsychosocial determinants related to the aging process
- ◆ Promote comprehensive and holistic care in geriatric patients with rheumatic pathologies, whether measured by the immune system, bone metabolism, paraneoplastic or degenerative manifestations





Specific Objectives

- ◆ Strengthen knowledge of patient comorbidities and how they can influence polypharmacy and vice versa
- ◆ Recognize the need for prophylactic and supportive treatments derived from the first prescription
- ◆ Evaluate the stages of the care process in geriatric patients
- ◆ Deepen the knowledge of the work of nursing in the care of geriatric patients
- ◆ Identify the spatial characteristics of the geriatric population from a statistical point of view

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Discover the importance of prophylactic and supportive treatments in patients with this program. Where you will learn about the first prescription and the need for specific treatments for geriatric patients”

03

Course Management

TECH is proud to have a highly qualified and experienced faculty in geriatric health care and in the management of Common Rheumatic Pathologies within this Postgraduate Certificate in Common Rheumatic Pathology in the Geriatric Patient. All thanks to a carefully selected and excellent teaching staff to ensure that students receive up-to-date and relevant information in the field of Geriatric Rheumatology. In this way, graduates will be able to effectively address the care and treatment of geriatric patients suffering from Common Rheumatic Pathologies, thus improving the quality of life of this vulnerable population.





Learn how to address comorbidities in geriatric patients and optimize their pharmacological treatment, thanks to the best experts in Rheumatic Pathology in Geriatric Patients"

International Guest Director

Vikas Majithia, M.D. is an internationally renowned figure in the field of **Rheumatology**, recognized for his leadership and contributions in **clinical research** and **medical practice**. As such, he has devoted his career to the treatment of **inflammatory diseases** such as **Rheumatoid Arthritis**, **Psoriatic Arthritis**, **Lupus** and **Vasculitis**, and is an expert in procedures such as **Arthrocentesis** and **Joint Injections**.

In this way, he has a distinguished career in the **academic** and **medical fields**, highlighting his role as **Head of the Division of Rheumatology** at the **Mayo Clinic** in **Florida, USA**. In addition, he has served as **Director of the Division of Rheumatology** at the **University of Mississippi Medical Center**, where he has supervised. He has also worked as a **rheumatologist** at the **GV (Sonny) Montgomery VA Medical Center**, providing care to veterans for over a decade.

Likewise, his dedication to **clinical research** has led him to be the **principal investigator** on **numerous trials and studies**, contributing more than **40 peer-reviewed publications** and several **book chapters**. Indeed, his commitment to ongoing **research** keeps him at the forefront of key projects, being responsible for the implementation of **advanced clinical studies** at **Mayo Clinic**, including the **CLASSIC study** in **Axial Spondyloarthritis**, the **PICORI-funded Patient Advocates in Lupus (PALS)** study, and the **RAPROPR** study to evaluate outcomes in patients with **Rheumatoid Arthritis** among several **non-TNF biologic drugs**.

Among his most notable accomplishments, he has received multiple awards, including the prestigious **Pioneer Award in Medicine and Science**, as well as the **Research and Education Foundation Literature Award for Student Research** from the **American Society of Health-System Pharmacists**, and is considered one of **America's Top Doctors**.



Dr. Majithia, Vikas

- Head of the Division of Rheumatology, Department of Medicine, Mayo Clinic, Florida, USA
- Director of the Division of Rheumatology at the University of Mississippi Medical Center
- Rheumatologist at the VA GV (Sonny) Montgomery Medical Center
- Fellowship in Rheumatology at the University of Mississippi Medical Center
- Master's Degree in Public Health from Johns Hopkins Bloomberg School of Public Health (BSPH)
- M.D. from Pandit Bhagwat Dayal Sharma Graduate Institute of Medical Sciences
- Bachelor of Medicine and Biological Sciences, Pandit Bhagwat Dayal Sharma Graduate Institute of Medical Sciences



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

Management



Dr. Garcia Martos, Alvaro

- ◆ Rheumatology Specialist at the Tajo University Hospital
- ◆ Physician specializing in Rheumatology at the University Hospital 12 de Octubre
- ◆ Associate Professor of Rheumatology at the University Alfonso X, El Sabio
- ◆ Research Sufficiency by the Complutense University of Madrid
- ◆ Degree in Medicine from the Cantabria University
- ◆ Master's Degree in Rheumatic Diseases mediated by the Immune System, Rey Juan Carlos University and the Spanish Society of Rheumatology
- ◆ EFSUMB Certification: Musculoskeletal Ultrasound level 1
Levels A and B of musculoskeletal ultrasound of the Spanish Society of Sports Medicine

Professors

Dr. Andrés Esteban, Eva María

- ◆ Epidemiology Specialist
- ◆ Lecturer at Rey Juan Carlos University
- ◆ D. in Medicine, Psychiatry and Dermatology from the Zaragoza University
- ◆ Degree in Statistical Sciences and Techniques from the Miguel Hernandez University of Elche
- ◆ Postgraduate Certificate in Statistics from the Zaragoza University

Dr. González Ferrer, Ruth

- ◆ Quality Manager at the Tajo University Hospital
- ◆ Internal Medicine Specialist at the Tajo University Hospital
- ◆ Internal Medicine Specialist at the Southeast University Hospital
- ◆ Internal Medicine Specialist at the Virgen of Valme University Hospital
- ◆ Reviewer of articles for the scientific journal Actualidad Medica
- ◆ Degree in Medicine from the University of Granada
- ◆ Master's Degree in "Research and Advances in Preventive Medicine and Public Health" by the Granada University
- ◆ Master's Degree in "Palliative Care" from the Valladolid University



Ms. Fernández Guardia, Cristina

- ◆ Nurse at the Tajo University Hospital
- ◆ Internal Medicine Nurse at the Tajo University Hospital
- ◆ Nurse at Primary Care Health Center
- ◆ Nurse in the Obstetrics and Cardiology Department of the Gregorio Marañón University Hospital
- ◆ Geriatric Nurse Specialist
- ◆ Associate Professor of the Faculty of Nursing of the Alcala University
- ◆ Degree in Nursing EUE Cruz Roja-UAM
- ◆ Postgraduate Certificate in Social Work from the Complutense University of Madrid
- ◆ Postgraduate Certificate in Nursing by EUE Puerta de Hierro
- ◆ Master's Degree in Research in Social and Health Sciences from the Alcala University
- ◆ Member of: Secretary-Treasurer of the Madrid Association of Gerontological Nursing, President of the Pressure Ulcers and Falls Group of the Tajo Hospital



A unique, key, and decisive training experience to boost your professional development"

04

Structure and Content

This academic program offers a quality structure and content for health professionals seeking to acquire specialized knowledge in the diagnosis and treatment of rheumatic diseases in geriatric patients. The Postgraduate Certificate addresses relevant topics such as comorbidities and their impact on treatment, management of polypharmacy and drug interactions, nutrition and physical activity in the elderly patient. All this with an innovative pedagogical methodology based on Relearning, which allows a complete and updated training adapted to the needs and availability of the students.





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Quality training from anywhere: With the Postgraduate Certificate in Common Rheumatic Pathology in the Geriatric Patient, you will be able to access specialized and updated knowledge from anywhere"

Module 1. Common Problems in Geriatric Patients

- 1.1. Comorbidities. How Do They Affect Treatment?
 - 1.1.1. Pluripathology and Prognostic Indexes
 - 1.1.2. Recommendations for the Clinical Management of Patients with Multiple Pathologies
- 1.2. Polypharmacy Management (Interactions)
 - 1.2.1. Polypharmacy Concept Associated Factors
 - 1.2.2. Pharmacotherapeutic Optimization: Appropriateness, Reconciliation, Interactions, Deprescription, Adherence to Treatment
- 1.3. Nutrition in the Elderly Patient
 - 1.3.1. Malnutrition in the Elderly Nutritional Status Screening
 - 1.3.2. Nutritional Treatment
- 1.4. Physical Activity in the Elderly Patient
 - 1.4.1. Chronic Diseases and Exercise
 - 1.4.2. Multicomponent Training
- 1.5. Geriatric Patient Vaccination
 - 1.5.1. General Vaccination Recommendations
 - 1.5.2. Other Vaccines According to Medical Conditions
- 1.6. Prophylactic Treatments in Geriatric Patients
 - 1.6.1. Latent Tuberculosis
 - 1.6.2. Osteoporosis
 - 1.6.3. Repeated Infections
- 1.7. Healthcare Facilitation Tools
 - 1.7.1. Continuity of Care Integrated Care Process
 - 1.7.2. Communication Tools: Telephonic Consultation, E-Consultation, Videocall
- 1.8. Geriatric Rheumatology Nursing
 - 1.8.1. Pain Assessment in Older Adults with Rheumatologic Conditions
 - 1.8.2. Frailty in Older adults
- 1.9. Rheumatology Study Design
 - 1.9.1. Special Characteristics of the Geriatric Population
 - 1.9.2. Advantages and Disadvantages of Different Designs in the Geriatric Population
- 1.10. Data Analysis in Rheumatology
 - 1.10.1. Description of Data in Geriatrics
 - 1.10.2. Data Analysis Models





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The Postgraduate Certificate is taught 100% online, which will allow you to adapt your study pace to your needs and schedule"

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.





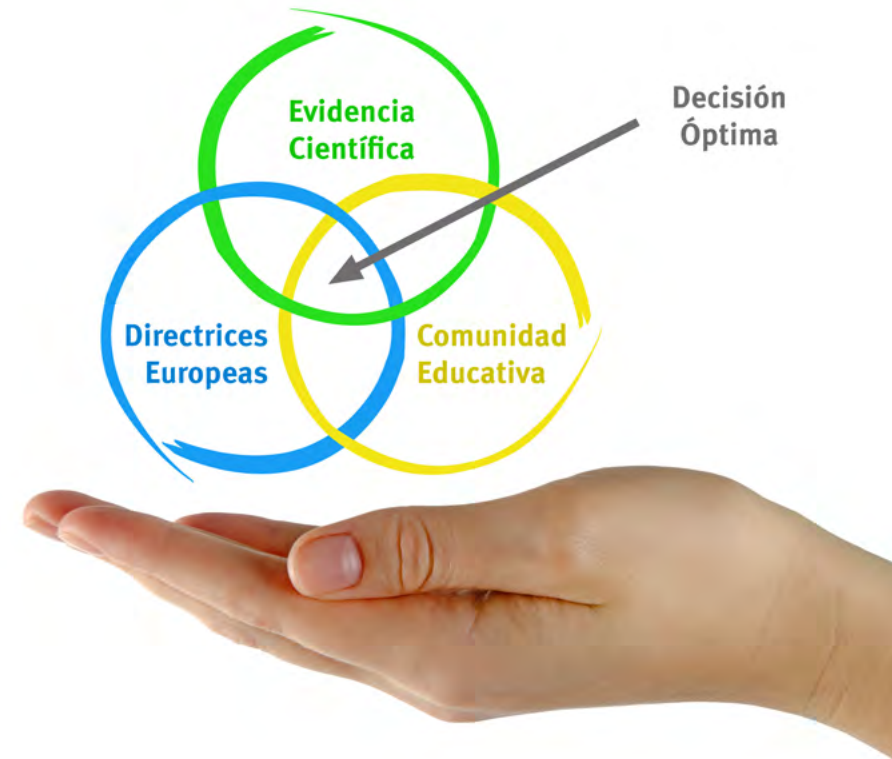
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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 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 Common Rheumatic Pathology in the Geriatric Patient guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





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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 Common Rheumatic Pathology in the Geriatric Patient** 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.

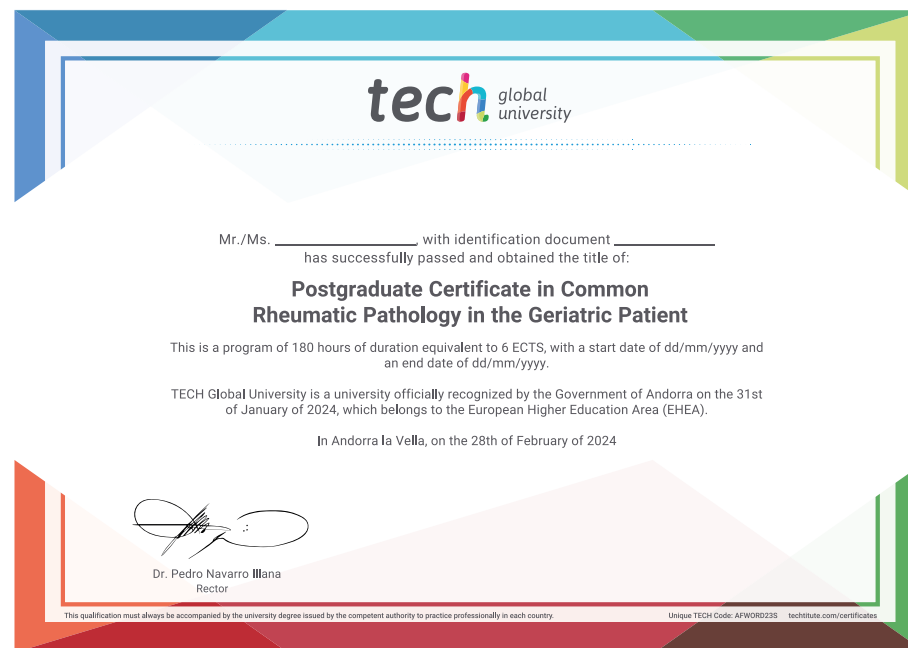
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Common Rheumatic Pathology in the Geriatric Patient**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





Postgraduate Certificate
Common Rheumatic
Pathology in the
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Postgraduate Certificate

Common Rheumatic Pathology in the Geriatric Patient