

Postgraduate Certificate Ovarian Pathology, Endometriosis and Pain



Postgraduate Certificate Ovarian Pathology, Endometriosis and Pain

- » 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/ovarian-pathology-endometriosis-pain

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01

Introduction

Ovarian pathologies and Endometriosis are increasingly common diseases in women, which cause severe pain or infertility problems in those who suffer from them. In recent years, significant advances have been made in ultrasound detection of these diseases, leading physicians to be updated in this area to ensure the quality of life of patients. That is why TECH has developed this program, which will provide students with the most cutting-edge knowledge in the ultrasound management of benign and malignant ovarian pathology or ovarian endometriosis, making them a professional reference in the sector. All this, 100% online and from your own home.



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Learn, through this qualification, the most updated ultrasound procedures to detect benign and malignant ovarian pathology”

The high incidence of various types of ovarian diseases in the female population has produced a special sensitivity in the scientific community. Thus, the latest research has led to an improvement in the ultrasound methods used to detect pathologies of this caliber. Thanks to this, it is possible to optimize their treatment, which contributes positively to guaranteeing the physical well-being of patients. As a result, specialists must identify these advances in order to avoid falling behind in the evolution of their field.

For these reasons, TECH has opted to create this program, with which the students will obtain the most updated knowledge regarding the approach to Ovarian Pathology, Endometriosis and Pain from the perspective of ultrasound. Throughout this academic period, the students will detect the evolution with respect to its use to establish the assessment of pelvic congestion syndrome or the diagnosis of extraovarian endometriosis. In the same way, you will deepen in the management of chronic pain in Gynecology or in recent findings in interventional ultrasound.

The Postgraduate Certificate in Ovarian Pathology, Endometriosis and Pain is presented in a 100% online format, which allows physicians to enjoy quality and updated teaching without having to physically travel to a study center. In addition, the flexibility offered by this modality allows specialists to adapt their learning to their schedules and personal and professional needs.

This **Postgraduate Certificate in Ovarian Pathology, Endometriosis and Pain** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ The development of practical cases presented by experts in Obstetric and Gynecologic Ultrasound
- ◆ 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



Identify recent ultrasound advances that optimize the detection of tubal pathology and the assessment of breast pathology, both benign and malignant"

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Get your desired update from excellent specialists in the field”

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 professionals 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 professionals must try to solve the different professional practice situations that are presented throughout the academic course. This will be done with the help of an innovative system of interactive videos made by renowned experts.

Improve your medical skills and position yourself as a reference specialist in the field of Obstetric and Gynecologic Ultrasound.

Enjoy a Relearning methodology that will enable you to study at your own pace and based on your needs.



02

Objectives

This Postgraduate Certificate has been designed with the premise of providing the specialist with the most advanced knowledge regarding the ultrasound management of Ovarian Pathology, Endometriosis and Pain. Through this program, you will be able to identify the latest advances in the approach to pelvic congestion syndrome or in the diagnosis of Extraovarian Endometriosis. Such learning will be preserved by the achievement of the following general and specific objectives.





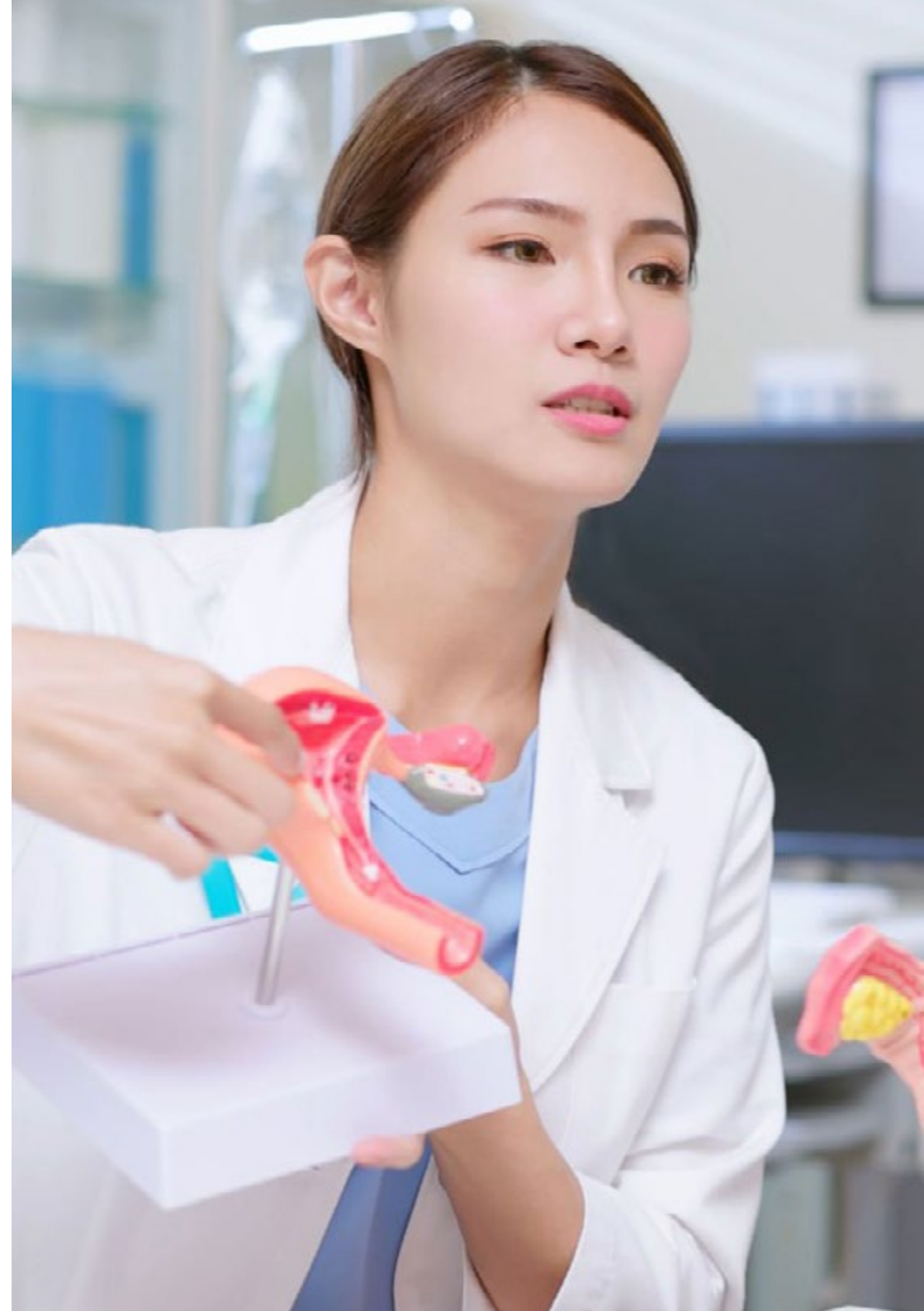
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Incorporate into your daily practice the recent advances in the management of Ovarian Pathology, Endometriosis and Pain"



General Objectives

- ◆ Get to know in depth the normal gynecological and obstetric ultrasound study, as well as the most used techniques
- ◆ Have an in-depth knowledge of the malformations that can be diagnosed in the first trimester of gestation and the ultrasound markers, as well as the invasive techniques and screening for aneuploidy and preeclampsia and the usefulness of fetal DNA in maternal blood
- ◆ Study the diagnosable pathology in the third trimester as well as intrauterine growth restriction and fetal hemodynamics, correctly applying maternal-fetal Doppler
- ◆ Learn the most important concepts about fetal neurosonography and echocardiography as well as the most relevant pathologies
- ◆ Study multiple gestation (monochorionic and bicorionic) and its most frequent complications





Specific Objectives

- ◆ Understand and differentiate between benign and malignant endometrial pathology
- ◆ Study the tubal pathology diagnosable by ultrasound
- ◆ Get to know in depth the pelvic congestion syndrome and the usefulness of ultrasound for its diagnosis
- ◆ Learn the usefulness of ultrasound for the diagnosis of ovarian and extraovarian endometriosis
- ◆ Understand in depth the role of ultrasound in the follow-up and treatment of chronic pelvic pain
- ◆ Study the main uses of interventional ultrasound



Be at the forefront of medicine in only 6 weeks and enjoy the best study facilities in the educational market"



03

Course Management

With the intention of preserving a high academic level, TECH has assembled a select group of highly experienced professors in the field of Obstetric and Gynecologic Ultrasound to teach this program. These specialists are responsible for developing and designing the educational content of the program, which ensures that the knowledge acquired by the students will be highly beneficial for their daily practice.



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Those responsible for teaching this Postgraduate Certificate are specialists with extensive experience in the field of Obstetric and Gynecological Ultrasound”

Management



Dr. García-Manau, Pablo

- ◆ Obstetrician and Gynecologist at Hospital Quirón in Barcelona
- ◆ Attending Physician at the Gynecology and Obstetrics Department of the Quirónsalud Hospital in Madrid
- ◆ Specialist in Maternal-Fetal Medicine
- ◆ Specialist in Obstetric Ultrasound and Fetal Echocardiography
- ◆ Member of the Catalan Society of Obstetrics and Gynecology (SCOG) and the Spanish Society of Gynecology and Obstetrics (SEGO)

Professors

Dr. Carmona, Anna

- ◆ Specialist in the Department of Gynecology and Obstetrics at Hospital Mútua Terrassa
- ◆ Specialist in the Pelvic Floor, Transgender Medicine and Adolescent Medicine units at Hospital Mútua Terrassa
- ◆ Master in Statistics applied to Medical Sciences at the Autonomous University of Barcelona
- ◆ Expert in the treatment of fibroids with High Intensity Ultrasound, HIFU (Chongqing Haifu)
- ◆ Expert in Pelvic Floor Ultrasound by the Fundació Assistencial MútuaTerrassa

Dr. Ros, Cristina

- ◆ Specialist in Gynecological Ultrasound at Barnaclinic and FUVClinic
- ◆ Specialist in Gynecology. Clinic i Provincial Hospital
- ◆ PhD in Obstetrics and Gynecology University of Barcelona
- ◆ Degree in Medicine and Surgery University of Barcelona
- ◆ Author of several scientific researches in the service of her specialty
- ◆ Member of the International Urogynecological Association (IUGA), International Incontinence Society (ICS), Spanish Society of Gynecology and Obstetrics (SEGO)

Dr. Pons, Nuria

- ◆ Specialist in the Department of Gynecology and Obstetrics at Hospital Mútua Terrassa
- ◆ Specialist in Unit of Myomas and Benign Pathology at Hospital Mútua Terrassa
- ◆ Master's Degree in Sexology, University of Barcelona
- ◆ Expert in the treatment of fibroids with High Intensity Ultrasound, HIFU (Chongqing Haifu)
- ◆ Member of the Non Surgical ablative therapy of benign uterine disease working group of the ESGE

Dr. Oteros, Beatriz

- ◆ Specialist in the Department of Gynecology and Obstetrics at Hospital Mútua Terrassa
- ◆ Specialist in Unit of Myomas and Benign Pathology at Hospital Mútua Terrassa
- ◆ Expert in Pelvic Floor Ultrasound by the Mútua Terrassa Welfare Foundation

Dr. Escribano, Gemma

- ◆ Specialist in the Benign Pathology and Obstetrics Unit at Hospital Mútua Terrassa
- ◆ Coordinator of ASSIR (Sexual and Reproductive Health Care) at Hospital Mútua Terrassa
- ◆ Master in Minimally Invasive Surgery in Gynecology by TECH Global University

Dr. Porta, Oriol

- ◆ Head of the Obstetrics and Gynecology Department of the Mútua Terrassa University Hospital
- ◆ President of the Catalan Society of Obstetrics and Gynecology
- ◆ Doctor in Medicine and Surgery from the Autonomous University of Barcelona
- ◆ Practical Stay in Pelvic Floor and Chronic Pelvic Pain at the National Hospital for Neurology and Neurosurgery in London
- ◆ Senior Management Program in Health Institutions, Business Administration and Management at the IESE Business School and the University of Navarra
- ◆ Member of the Spanish Society of Gynecology and Obstetrics (SEGO), International Pelvic Pain Society (IPPS)



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

04

Structure and Content

The syllabus of this program has been designed to provide specialists with the latest advances in the field of Ovarian Pathology, Endometriosis and Pain management. All of the teaching resources in the Postgraduate Certificate are available in a variety of formats for your convenience, including videos, reading materials, and interactive summaries. In addition, the online learning option allows professionals to manage their study time at their convenience so that they can integrate their update with their daily responsibilities.



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The syllabus of this Postgraduate Certificate is designed by the best specialists in Obstetric and Gynecologic Ultrasound to provide you with excellent knowledge in this field"

Module 1. Ovarian Pathology, Endometriosis and Pain

- 1.1. Ultrasonography in the assessment of benign ovarian pathology
 - 1.1.1. Normal ovarian ultrasound anatomy
 - 1.1.2. Generalities and classifications of benign ovarian pathologies
 - 1.1.3. Systematic in the evaluation and ultrasound description of annexial pathology: ultrasound criteria of benignity
 - 1.1.4. Types of tumors and ultrasound characteristics
 - 1.1.5. Ovarian torsion: sonographic findings
- 1.2. Ultrasonography in the assessment of malignant ovarian pathology
 - 1.2.1. Introduction and generalities malignant ovarian lesions
 - 1.2.2. Classification and ultrasound systematics according to IOTA
 - 1.2.3. Types of tumors and ultrasound characteristics
 - 1.2.4. Ultrasonography in regional and distant staging of ovarian neoplasms
 - 1.2.5. Limitations of ultrasound and complementary tests
 - 1.2.6. Ultrasound in the follow-up and recurrence of patients with a history of ovarian neoplasia
 - 1.2.7. Borderline tumors and ultrasound
- 1.3. Ultrasound study of tubal pathology
 - 1.3.1. Ultrasound of normal tubes
 - 1.3.2. Ultrasound findings in patients with hydrosalpinx
 - 1.3.3. Ultrasonographic findings in patients with pelvic inflammatory disease
 - 1.3.4. Malignant tubular pathology
- 1.4. Ultrasonography in the assessment of pelvic congestion syndrome
 - 1.4.1. Definition, diagnosis and therapeutic approach
 - 1.4.2. Ultrasound findings in patients with pelvic congestion syndrome
 - 1.4.3. Complementary imaging tests
- 1.5. Ultrasonography in the diagnosis of ovarian endometriosis
 - 1.5.1. Definition, repercussions and diagnosis
 - 1.5.2. Systematic of the ultrasound technique
 - 1.5.3. Ultrasound findings in patients with Ovarian Endometriosis
 - 1.5.4. Differential Diagnosis and Complementary Tests





- 1.6. Ultrasonography in the diagnosis of extraovarian endometriosis
 - 1.6.1. Definition, repercussions and diagnosis
 - 1.6.2. Systematic of the ultrasound technique
 - 1.6.3. Ultrasound assessment of the pelvis by structures and compartments
 - 1.6.4. Assessment of extrapelvic implants: umbilical implants, trocar or on cesarean scars
 - 1.6.5. Complementary imaging tests
- 1.7. Ultrasound in the patient with chronic pain in gynecology
 - 1.7.1. Introduction and generalities
 - 1.7.2. Ultrasound findings in gynecologic patients with chronic pain
 - 1.7.3. Ultrasound in the local treatment of gynecologic patients with chronic pain
- 1.8. Ultrasound in breast pathology
 - 1.8.1. Breast ultrasound anatomy
 - 1.8.2. Systematics of the technique and probes
 - 1.8.3. Ultrasonography in the assessment of benign breast pathology
 - 1.8.4. Ultrasonography in the assessment of malignant breast pathology
- 1.9. Interventional ultrasound
 - 1.9.1. Definition
 - 1.9.2. Applications of interventional ultrasound in gynecology
 - 1.9.3. Paracentesis technique
 - 1.9.4. Technique of ultrasound-guided drainage of tuboovarian abscesses
 - 1.9.5. Technique of alcoholization of endometriomas
 - 1.9.6. Breast abscess drainage technique

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. Gervas, 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 Ovarian Pathology, Endometriosis and Pain 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 Ovarian Pathology, Endometriosis and Pain** 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 Ovarian Pathology, Endometriosis and Pain**

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

Ovarian Pathology,
Endometriosis and Pain

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