

Postgraduate Certificate Mesenchymal Tumor Surgery





Postgraduate Certificate Mesenchymal Tumor Surgery

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-certificate/mesenchymal-tumor-surgery

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01

Introduction

Mesenchymal Tumor Surgery is a topic of great importance nowadays due to the complexity of its treatment and the increasing incidence of this type of tumors in the population. The success in the surgical removal of these tumors depends to a great extent on the surgeon's experience and skill. That is why it is crucial to be constantly updated in the area and to acquire the necessary knowledge for its correct treatment. In this sense, TECH offers this 100% online program that allows physicians to specialize in the field of Mesenchymal Tumor Surgery and develop the necessary skills to provide effective treatment to patients. Online teaching offers the flexibility necessary for physicians to adapt their learning to their work schedules, which facilitates their training and constant updating in this constantly evolving medical field.





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Update your knowledge and keep up to date with the latest advances in the treatment of Mesenchymal Tumors in a 100% online way and with the ideal quality”

In recent years, advances in Mesenchymal Tumor Surgery have been significant, leading to an improvement in the quality of life of patients and a higher success rate in the treatment of these tumors. New surgical approaches, techniques and tools, as well as the use of adjuvant therapy, have led to a reduction in the recurrence rate of tumors and improved patient survival.

However, the complexity of Mesenchymal Tumor Surgery requires constant updating of knowledge and skills by medical professionals. In this sense, TECH's 100% online Postgraduate Certificate in Mesenchymal Tumor Surgery offers a unique opportunity for healthcare professionals to specialize in the treatment of these tumors and keep abreast of the latest advances in the field.

The syllabus offers a wide variety of topics ranging from the anatomy and physiology of mesenchymal tissue, to the most advanced surgical techniques in the removal of mesenchymal tumors and the reconstruction of affected tissues. Likewise, relevant aspects of adjuvant therapy, such as chemotherapy and radiotherapy, as well as postoperative care and rehabilitation of patients, are addressed.

The course's online learning system offers the necessary flexibility for medical professionals to adapt their learning to their work and personal schedules, allowing for greater efficiency and effectiveness in bringing them up to date. In addition, the program is designed and led by experts in the field, ensuring a high quality update and the acquisition of practical and relevant skills and knowledge for the treatment of patients with Mesenchymal Tumors.

This **Postgraduate Certificate in Mesenchymal Tumor Surgery** 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 Digestive Oncologic Surgery
- ◆ 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



Improve your professional career with specialized skills in Mesenchymal Tumor Surgery with the best teachers and at your own pace"

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Become an expert in Mesenchymal Tumor Surgery with this 100% online Postgraduate Certificate”

Develop clinical skills in the surgical removal of Mesenchymal Tumors and reconstructive surgeries.

Learn in an interactive and collaborative environment with other medical professionals.

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. For this purpose, the students will be assisted by an innovative interactive video system created by renowned experts.



02 Objectives

This 100% online TECH Postgraduate Certificate in Mesenchymal Tumor Surgery aims to update medical professionals for the effective treatment of these tumors, through the acquisition of specialized skills and knowledge in the field. The syllabus provides an update on the most advanced anatomy, physiology and surgical techniques in the complete removal of the tumor and reduction of the recurrence rate. This essential tool is ideal for those seeking to improve the quality of medical care for Mesenchymal Tumor patients and stay abreast of the latest advances in the field.



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Study at your own pace and from anywhere and reach the goal effectively, thanks to the innovative learning system that only TECH can offer you"

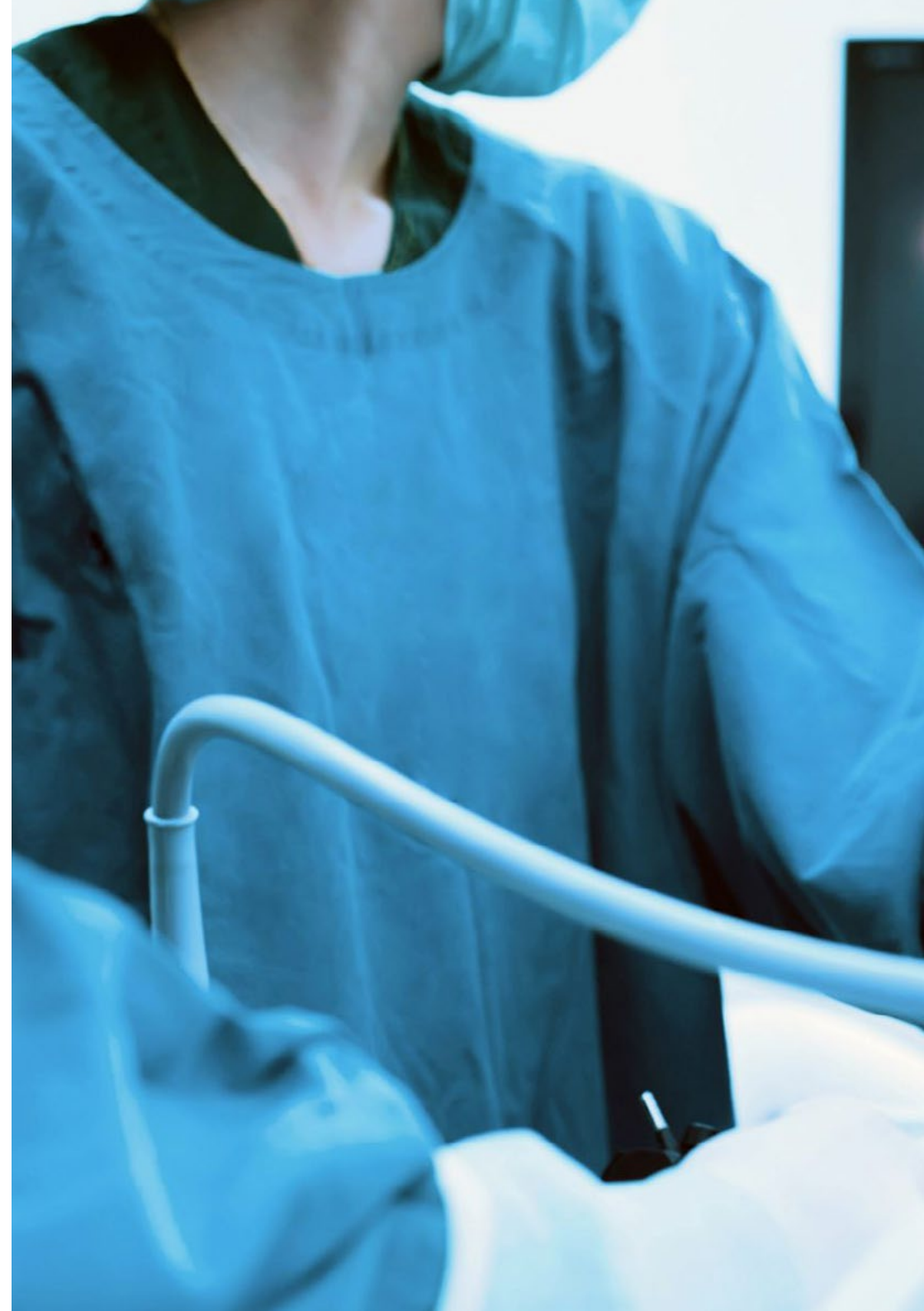


General Objectives

- ◆ Delve the specific knowledge on the management of patients with tumors affecting the digestive system
- ◆ Discern the surgical techniques to be used and the new technologies currently available for their diagnosis and treatment
- ◆ Know where modern surgery is heading and which are the ways of its development
- ◆ Study the fundamentals of research in oncological surgery
- ◆ Know the way to develop research projects, how to do it and where to get help
- ◆ Develop skills and technical knowledge with which to face any situation presented by a patient in an oncological surgery unit of the digestive system



Get up to date with experts in the field with extensive experience in the field of Mesenchymal Tumor Surgery"





Specific Objectives

- ◆ Analyze the epidemiological characteristics, diagnosis and classification of soft tissue sarcomas and retroperitoneal sarcomas
- ◆ Learn the diagnostic tests necessary to evaluate a patient with mesenchymal tumor, which ones are available and their role in evaluating the response to treatment
- ◆ Understand the indications and techniques of surgical treatment of gastrointestinal stromal tumors and their metastases
- ◆ Identify alternatives or adjuncts to surgical treatment for gastrointestinal stromal tumors
- ◆ Study the fundamental aspects of retroperitoneal tumors and their histological types
- ◆ Learn the basics of treatment and surgical technique for retroperitoneal sarcomas. Know what compartment surgery is, how it is performed and its indications
- ◆ Analyze the fundamental aspects of soft tissue sarcomas of the extremities and thoracic wall
- ◆ Understand which tumors can develop in the small intestine, to know what symptoms can cause them and how to diagnose and treat them
- ◆ Learn what Desmoid Fibromatosis is, how it manifests itself and what treatments currently exist, as well as their indications
- ◆ Understand the basics of Mesenchymal Tumor Metastasis Surgery

03

Course Management

The teaching team of the TECH Postgraduate Certificate in Mesenchymal Tumor Surgery is composed of highly trained and experienced experts in the treatment of mesenchymal tumors, with special interest and experience in specific surgical areas such as Hepatobiliopancreatic, Esophagogastric, Colorectal, Advanced Laparoscopic and Robotic Surgery. Students will have access to high quality and up-to-date mentorship in these areas, allowing them to acquire specialized knowledge and skills in the treatment of Mesenchymal Tumors. This will ensure an enriching and effective learning experience for students.





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The teachers of this course are specialized in Hepatobiliopancreatic Surgery, Esophagogastric, Colorectal, Advanced Laparoscopic, Robotics, among other areas"

Management



Dr. Alonso Casado, Oscar

- ◆ Chief of Hepatobiliopancreatic Surgery at MD Anderson Cancer Center Madrid Hospital
- ◆ Specialist in the General and Digestive Oncology Surgery Service at MD Anderson Cancer Center Madrid, collaborating in the Thoracic Surgery Unit and Plastic Surgery Unit
- ◆ Assistant Surgeon at Quirónsalud Sur and El Escorial Hospitals
- ◆ Clinical Tutor in Practical Teaching at UFV and MD Anderson Cancer Center Madrid
- ◆ Degree in Surgery and Medicine from the UCM
- ◆ Certified in Console Surgery of the Da Vinci Xi Robotic System



Professors

Dr. Bretcha Boix, Pedro

- ◆ Chief of the General and Digestive Surgery Service and of the Oncological Surgery Unit of the Hospital Quirónsalud Torrevieja
- ◆ President of the Spanish Society of Surgical Oncology
- ◆ Coordinator of the Spanish Group of Peritoneal Oncological Surgery
- ◆ Degree in Medicine and Surgery from the Autonomous University of Barcelona
- ◆ Specialty in General and Digestive System Surgery at the Mutua de Tarrasa University Hospital
- ◆ Practical stay in advanced laparoscopic surgery techniques at Mount Sinai Hospital
- ◆ Practical stay at the Metabolic Surgery Unit of the National Cancer Institute in Washington, D.C
- ◆ European Board of Surgical Qualifications in Oncological Surgery
- ◆ Certificate in Robotic Surgery with the da Vinci System
- ◆ Certificate in the PIPAC technique for the treatment of peritoneal carcinomatosis at the Institut regional du Cancer Motpellier

04

Structure and Content

TECH's 100% online Postgraduate Certificate in Mesenchymal Tumor Surgery features an innovative study methodology that combines theory and practice. Students will have access to an intuitive and easy-to-use online platform, which will allow them to adapt their learning to their work and personal schedules. The structure of the program is designed to provide comprehensive and up-to-date teaching in the most advanced anatomy, physiology and surgical techniques in the treatment of mesenchymal tumors. In addition, the program covers relevant aspects of adjuvant therapy and postoperative care, ensuring a comprehensive and specialized update on the subject.



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This program presents you with a syllabus tailored to the demands of a constantly evolving field”

Module 1. Mesenchymal Tumors Small intestine tumors

- 1.1. Soft tissue sarcomas and retroperitoneal sarcomas
 - 1.1.1. Epidemiology
 - 1.1.2. Diagnosis and Classification
 - 1.1.3. Role of Biopsy
- 1.2. Principles of diagnostic imaging of mesenchymal tumors
 - 1.2.1. Diagnosis
 - 1.2.2. Evaluation of response to treatment
 - 1.2.3. Monitoring
- 1.3. Surgical treatment of gastrointestinal stromal tumors (GIST)
 - 1.3.1. Radical surgery
 - 1.3.2. Minimally Invasive Surgery
 - 1.3.3. Recurrence surgery
 - 1.3.4. Metastasis surgery
- 1.4. GIST II
 - 1.4.1. Systemic Treatment
 - 1.4.2. Prognosis
 - 1.4.3. Differences according to genotype
- 1.5. Retroperitoneal sarcomas
 - 1.5.1. Principles of systemic treatment
 - 1.5.2. Radiotherapy Treatment
 - 1.5.3. Relapse Treatment
- 1.6. Surgical Treatment of Retroperitoneal Sarcomas
 - 1.6.1. Concepts of Compartment Surgery
 - 1.6.2. Surgery of the Right Retroperitoneum
 - 1.6.3. Surgery of the Left Retroperitoneum
- 1.7. Soft Tissue Sarcomas of the Extremities and Thoracic Wall
 - 1.7.1. Definition and Peculiarities
 - 1.7.2. Multidisciplinary Treatment
 - 1.7.3. Surgical treatment





- 1.8. Small Intestine and Mesenteric Tumors. Neuroendocrine Tumors of the Gastrointestinal Tract
 - 1.8.1. Epidemiology, Diagnosis, Classification and Treatment of Small Intestine Tumors
 - 1.8.2. Epidemiology, Diagnosis and Classification of Neuroendocrine Tumors of the Small Intestine
 - 1.8.3. Treatment of Neuroendocrine Tumors of the Small Intestine
- 1.9. Desmoid Fibromatosis
 - 1.9.1. Role of Molecular Biology
 - 1.9.2. Treatment with Radiotherapy
 - 1.9.3. Treatment with Chemotherapy
 - 1.9.4. Management Watch and Wait
- 1.10. Surgery for Metastatic Disease in Mesenchymal Tumors
 - 1.10.1. Indications
 - 1.10.2. Surgical Techniques and Non-Surgical Alternatives
 - 1.10.3. Results



TECH has the most advanced technology and methodology in the current educational market. Enroll now and live your best study experience"

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 Mesenchymal Tumor Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Certificate in Mesenchymal Tumor Surgery** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Mesenchymal Tumor Surgery**

Official N° of Hours: **150 h.**



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



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