

Postgraduate Certificate

Brain Tumors in Pediatric Patients





Postgraduate Certificate Brain Tumors in Pediatric Patients

Course Modality: Online

Duration: 2 months

Endorsed by: TECH Technological University

5 ECTS credits

Hours: 125

Website: www.techtitute.com/medicine/postgraduate-certificate/brain-tumors-pediatric-patients

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 24

05

Methodology

p. 28

06

Certificate

p. 36

01

Introduction

The field of neuro-oncology is rapidly evolving, with promising Postgraduate Certificate research that has the potential to influence clinical management in the short to medium term. Many important advances have been reported recently, and other promising research will substantially impact the field in the coming years, especially in the areas of high-grade gliomas and brain metastases. In this Postgraduate Certificate, we present an overview of the current state of the field, highlighting the most recent key advances that will influence clinical management.



“

Improve your knowledge in Brain Tumors in Pediatric Patients through this program, where you will find the best teaching material with real clinical cases. Learn here about the latest advances in the specialty to perform quality medical practice”

In this way, we analyze the diagnostic and therapeutic management of both primary and metastatic brain tumors. We will discuss current technologies used for the resection of gliomas, such as awake craniotomy, fluorescence-guided surgery, neuronavigation, neuroendoscopy, among many others.

Another advance that we will see extensively comes from the hand of genomics whose advances have made it possible to learn that more than half of pediatric brain tumors have genetic abnormalities that could help in diagnosis or treatment, which is reflected in the recent decision of the World Health Organization to classify such tumors by genetic alterations, rather than by tumor type. Thus, precision medicine for pediatric brain tumors is now a reality, and possibly in the near future also for adult brain tumors.

Lastly, another topic that we will analyze in the Postgraduate Certificate, to highlight some relevant ones, and which is gaining ground in other tumors, is immunotherapy. Immunotherapy has shown promise for the treatment of glioblastoma multiforme. This is because glioblastoma multiforme exhibits powerful adaptive capabilities, a relative lack of immunogenicity, an immunosuppressive tumor microenvironment and intratumoral heterogeneity. Therefore, experts agree that immune-targeted therapies are likely to play a central role in improving the durability of treatment. To date, clinical trials of several vaccine therapies using autologous tumor antigens or specific tumor-associated antigenic peptides with adjuvants have been conducted to treat patients with high-grade gliomas. Therefore, immunotherapy, especially combination therapy, may be a promising strategy for the treatment of patients with brain tumors.

In short, many concepts are currently being investigated that we hope will have a positive influence on the therapeutic treatment of metastatic and primary tumors of the central nervous system, and which we will present since many have already been integrated into routine clinical practice and others will soon form the panoply of options in the broad diagnostic or therapeutic arsenal that we have today.

This **Postgraduate Certificate in Brain Tumors in Pediatric Patients** contains the most complete and up-to-date scientific program on the market. The most important features of the Postgraduate Certificate are:

- More than 75 clinical cases presented by experts in Brain Tumors in Pediatric Patients
- 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
- Diagnostic and therapeutic innovations on evaluation, diagnosis and intervention in Brain Tumors in Pediatric Patients. It contains practical exercises where the self-evaluation process can be carried out to improve learning
- Iconography of clinical and diagnostic imaging tests
- With special emphasis on evidence-based medicine and research methodologies in Brain Tumors in Pediatric Patients
- With special emphasis on evidence-based medicine and research methodologies in Brain Tumors in Pediatric Patients
- All of this will be complemented by 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



Update your knowledge through the Postgraduate Certificate in Brain Tumors in Pediatric Patients”



This Postgraduate Certificate university may be the best investment you can make when choosing a refresher program for two reasons: in addition to updating your knowledge in Brain Tumors in Pediatric Patients, you will obtain a qualification issued by TECH Technological University”

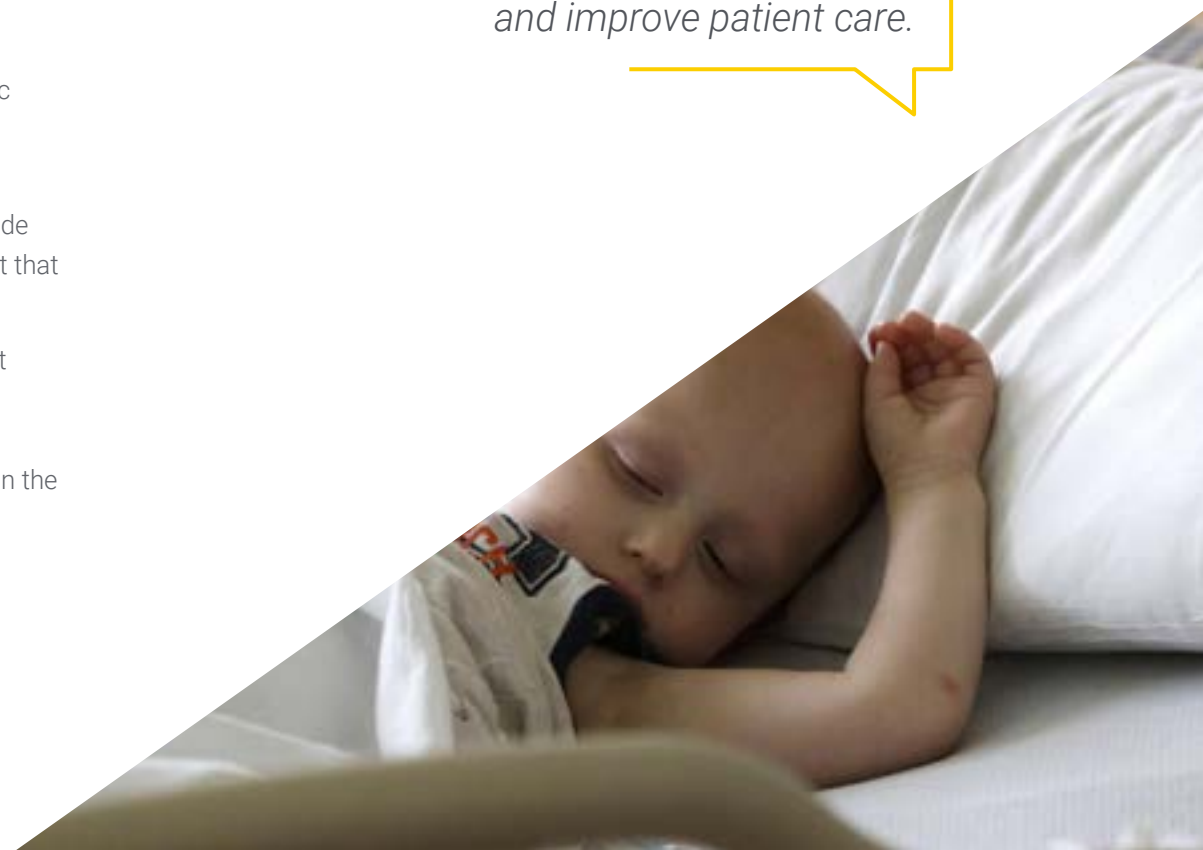
The teaching staff includes professionals from the field of Brain Tumors in Pediatric Patients, who bring their experience to this training program, as well as renowned specialists from leading scientific societies.

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 program to train in real situations.

Problem-Based Learning underpins this program design, and the doctor must use it to try and solve the different professional practice situations that arise throughout the Postgraduate Certificate. For this purpose, the physician will be assisted by an innovative interactive video system created by renowned and experienced experts in the field of Brain Tumors in Pediatric Patients with extensive teaching experience.

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

Take the opportunity to learn about the latest advances in Brain Tumors in Pediatric Patients and improve patient care.

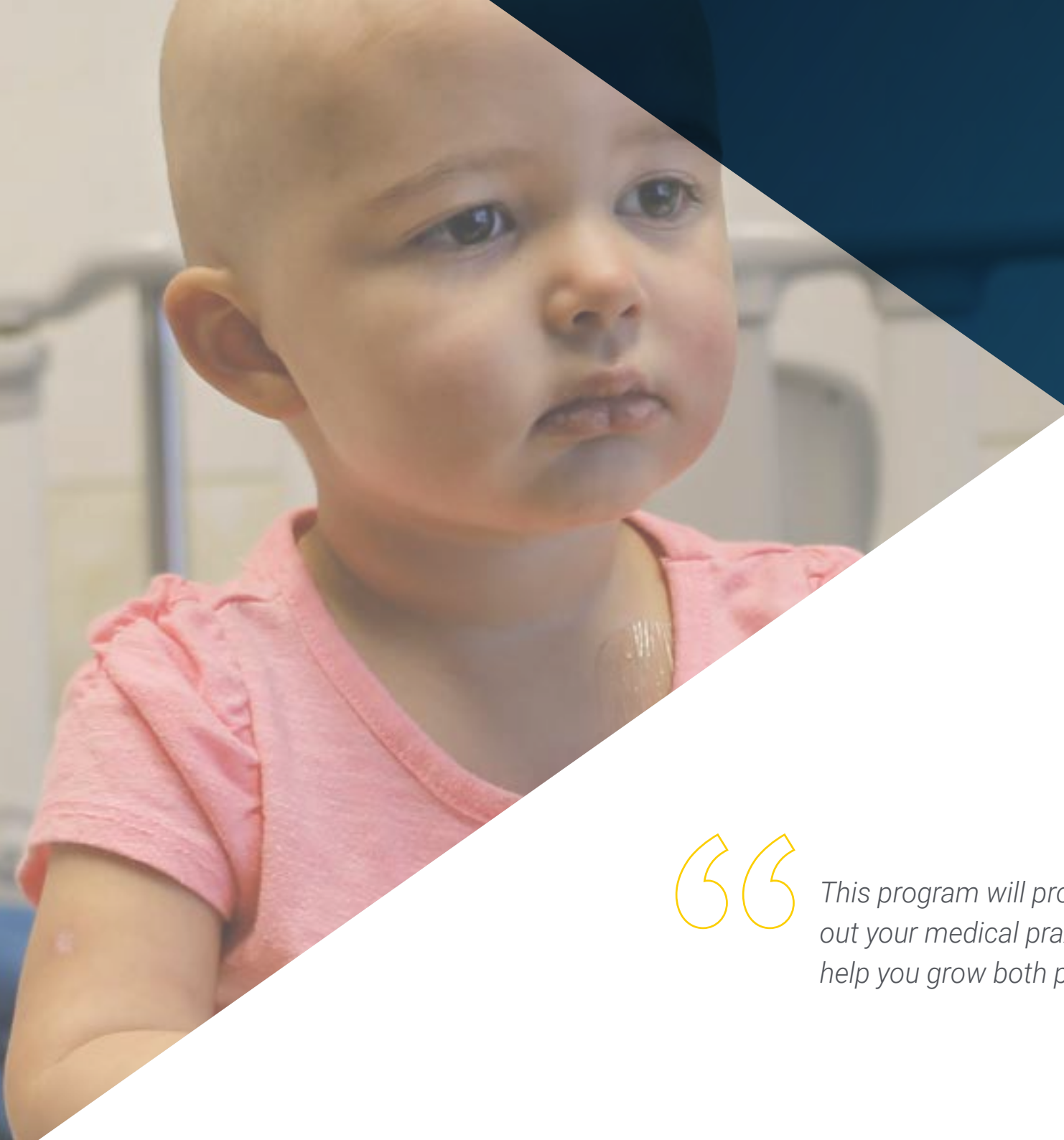


02

Objectives

The Postgraduate Certificate in Brain Tumors in Pediatric Patients is aimed at facilitating physician performance in treating neurological oncological pathologies.





“

This program will provide you with the skills to carry out your medical praxis with confidence, which will help you grow both personally and professionally”



General Objective

- Create a global and updated vision of Brain Tumors in Pediatric Patients and all its aspects, allowing the student to acquire useful knowledge and, at the same time, generate interest in expanding the information and discovering its application in their daily practice.



Make the most of the opportunity and take the step to get up-to-date on the latest developments in Brain Tumors in Pediatric Patients”





Specific Objectives

- Explain how the development of magnetic resonance imaging technology has improved diagnostic accuracy supported by functional methods such as diffusion, spectroscopy, perfusion and the BOLD technique
- Learn about the utility of multi-tracer PET-MRI imaging in the management of neuro-oncology patients, both in the characterization of primary injuries and during the follow-up of treated tumors
- Describe the utility of nuclear medicine in the diagnosis of neurological complications of oncological treatments that characterize multiple clinical entities and continue to be an important problem, especially in patients with longer life expectancy

03

Course Management

The program's teaching staff includes leading specialists in Brain Tumors in Pediatric Patients and other related areas, who bring their years of work experience to this training program. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.



sinX Espesor: 5 00 mm Ubicación: 42 00 mmf

JORGE OMAR
M

BUCIO

L R

L R

06/07/15 18:04:26

SSM Dr Miguel Silva

Made In OsiriX

Esesor: 5.00 mm Ubicación: 47.00 mm

AGUILAR JORGE OMAR

M

“

Learn the latest advances in procedures in Brain Tumors in Pediatric Patients from leading professionals”

Management



Dr. Oruezábal Moreno, Mauro Javier

- ♦ Head of the medical Oncology Service at La Paz University Hospital since 2017
- ♦ Research Fellow at University of Southampton (2016-present)
- ♦ Professional Master's Degree in Bioinformatics and Biostatistics UOC-UB (2016-present)
- ♦ Professional Master's Degree in Bioinformatics Analysis by the Pablo de Olavide University (2015-2016)
- ♦ Doctor of Medicine from the Complutense University of Madrid Outstanding Cum Laude Qualification (2002)
- ♦ Member of the Spanish Society of Medical Oncology and GEINO Group (Spanish Research Group in Neuroncology)
- ♦ Specialist (MIR) in Medical Oncology, University Hospital San Carlos of Madrid (2000)
- ♦ Degree in Medicine and Surgery, University of Navarra (1995)



Dr. Perez Martínez, David

- ♦ Head of the Neurology Department of the 12 de Octubre University Hospital
- ♦ Associated Professor in Medicine at the Complutense University of Madrid(2012-present)
- ♦ Director of Neurowikia.com portal (2010-present)
- ♦ Director of the Brain Foundation (2010-2016)
- ♦ University Expert in Evidence-Based Medicine by the UNED (2007)
- ♦ University Expert in Probability and Statistics in Medicine, UNED (2003)
- ♦ MIR specialist in Neurology at the 12 de Octubre University Hospital (1996-2000)
- ♦ Degree in Medicine from the Complutense University Madrid (1989 - 1995)

Management



Dr. Lagares Gómez-Abascal, Alfonso

- ♦ Head of Neurosurgery Department, 12 de Octubre University Hospital, Madrid
- ♦ Associate Professor of Neurosurgery, Complutense University of Madrid
- ♦ Accredited as Full University Professor of Health Sciences. ANECA 2008
- ♦ Professional Master's Degree in Medical Management and Clinical Management from the National School of Health (2012- 2013)
- ♦ Doctor of Medicine from the Autonomous University Madrid. Outstanding Doctoral Thesis Award. (2004)
- ♦ Specialist (MIR) in Neurosurgery, 12 de Octubre University Hospital, (2002)
- ♦ Degree in Medicine and Surgery from the Autonomous University of Madrid, (1996)

Professors

Dr. Astudillo González, Aurora

- ♦ Anatomic Pathology Service
- ♦ Associate Professor at the University of Oviedo linked to the Central University Hospital of Asturias
- ♦ Scientific Director of the Principality of Asturias Biobank

Dr. Azkona Uribebarrea, Eider

- ♦ Medical Oncology Department
- ♦ Cruces University Hospital of Bilbao

Dr. Ballesteros Plaza, Loreto

- ♦ Neurology Section
- ♦ Infanta Cristina University Hospital

Dr. Blanco Palmero, Victor

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Blanco, Juan Antonio

- ♦ Radiodiagnostic Service
- ♦ Infanta Cristina University Hospital

Dr. Botella Romero, Francisco

- ♦ Head of Endocrinology and Nutrition Service
- ♦ Albacete Integrated Health Care Management System

Dr. Bruna Escuer, Jordi

- ♦ Neurology Service
- ♦ Duran i Reynals Hospital L'Hospitalet de Llobregat

Dr. Burón Fernández, María del Rosario

- ♦ Internal Medicine Service
- ♦ Infanta Cristina University Hospital

Dr. Cabrer Gonzalez, Miguel Luis

- ♦ Head of IT
- ♦ Son Espases University Hospital Palma de Mallorca

Dr. Calleja Salas, Patricia

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Camacho Salas, Ana

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Carrillo, Esteban

- ♦ Antares Consulting

Dr. Castaño-León, Ana María

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Ciafré Lucena, Aura

- ♦ Clinical University Hospital of Valencia
- ♦ Radiation Oncology Service

Dr. Conejero, Raquel Andrés

- ♦ Medical Oncology Service
- ♦ Lozano Blesa Clinical University Hospital Zaragoza

Dr. De las Peñas Bataller, Ramón

- ♦ Hospital Provincial de Castellón

Dr. Díaz Guzman, Jaime

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Domingo Santos, Ángela

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Domínguez González, Cristina

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Dualde Beltran, Diego

- ♦ Clinical University Hospital of Valencia
- ♦ Radiation Oncology Service

Dr. Eiriz Fernández, Carla

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Fernandez Alén, Jose Antonio

- ♦ Neurosurgery Department
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Fernández Ruiz, Alexia

- ♦ Lozano Blesa Clinical University Hospital Zaragoza
- ♦ Medical Oncology Department

Dr. Galán Sánchez-Seco, Victoria

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Gállego Pérez de Larraya, Jaime

- ♦ Neurology Service
- ♦ Navarra University Clinic

Dr. García Pérez, Daniel

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Gonzalez de la Aleja López, Mario

- ♦ Anesthesia and Resuscitation Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Gonzalez de la Aleja, Jesús

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. González León, Pedro

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. González Sánchez, Marta

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Gonzalo, Juan Francisco

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Grande García, Carlos

- ♦ Hematology Service
- ♦ 12 de Octubre University Hospital

Dr. Hernández Laín, Aurelio

- ♦ Anatomic Pathology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Herrero San Martín, Alejandro

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Hilario Barrio, Amaya

- ♦ Radiodiagnostic Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Iglesias, Lorena

- ♦ Neurophysiology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Jiménez Roldán, Luis

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Jover Diaz, Raquel

- ♦ Nuclear medicine
- ♦ Rey Juan Carlos University Hospital, Móstoles

Dr. Koren Fernández, Laura

- ♦ Radiodiagnostic Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Labiano Fontcuberta, Andrés

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Lagares Gómez-Abascal, Alfonso

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. León Ruiz, Moisés

- ♦ Neurology Unit
- ♦ Mediacentro Leganés Clinic

Dr. Llamas Velasco, Sara

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Mañe Martínez, Juan Manuel

- ♦ Medical Oncology Department
- ♦ Cruces University Hospital of Bilbao

Dr. Márquez Rodas, Iván

- ♦ Medical Oncology Service
- ♦ Gregorio Marañón University Hospital, Madrid





Dr. Martín García, Hugo

- ♦ Neurology Section
- ♦ Infanta Cristina University Hospital

Dr. Martín Soberón, Mari Cruz

- ♦ Medical Oncology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Martínez Moreno, Nuria E.

- ♦ Gamma Radiosurgery Unit
- ♦ Ruber International Hospital

Dr. Martínez-Salio, Antonio

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Mejías Estevez, Manuel

- ♦ Oncology and Palliative Care CMU
- ♦ Jerez Hospital

Dr. Méndez Guerrero, Antonio

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Moreno García, Sara

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Munarriz, Pablo Martín

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Navarro Main, Blanca

- ♦ Neuropsychology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Olivas Varela, José Ángel

- ♦ Sub-Director Technologies and Information Systems Department
- ♦ College of Computer Science
- ♦ University of Castilla La Mancha

Dr. Ortega Casarrubios, María Ángeles

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Osejo Altamirano, Vanesa

- ♦ Neurophysiology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Ostos, Fernando

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Palomar, Virginia

- ♦ Medical Oncology Department
- ♦ IMO Group Oncology Area

Dr. Panero Perez, Irene

- ♦ Neurosurgery Department
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Paramio Gonzalez, Jesús

- ♦ CIEMAT Molecular Oncology Unit
- ♦ 12 de Octubre Research Institute of Madrid

Dr. Pardo, Javier

- ♦ Head of Neurology Service
- ♦ Rey Juan Carlos University Hospital

Dr. Paredes Sansinenea, Igor

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Pascual, Beatriz

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Paz Guerrero Molina, María

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Perdices Ramirez, Javier

- ♦ eHealth Director at Artica Telemedicina - CMC Group

Dr. Pérez Altozano, Javier

- ♦ Medical Oncology Service
- ♦ Virgen de los Lirios Hospital in Alcoy

Dr. Pérez Nuñez, Ángel

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Puente Muñoz, Ana Isabel

- ♦ Neurophysiology Unit
- ♦ Red Cross Hospital

Dr. Quintanar Verdúñez, Teresa

- ♦ Medical Oncology Department
- ♦ General University Hospital of Elche

Dr. Ramos González, Ana

- ♦ Radiodiagnostic Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Ribalta, Teresa

- ♦ MD, PhD, Head
- ♦ Anatomic Pathology Service
- ♦ Sant Joan de Déu Hospital
- ♦ Biobank Consultor
- ♦ Anatomic Pathology Service
- ♦ Hospital Clínic Professor of Pathology
- ♦ University of Barcelona

Dr. Rueda Fernández, Daniel

- ♦ Research Unit
- ♦ 12 de Octubre University Hospital of Madrid

Dr. López López, Rafael

- ♦ Head of the Medical Oncology Department
- ♦ Santiago de Compostela University Hospital Complex
- ♦ Translational Medical Oncology Group Health Research Institute

Dr. Ruiz Solís, Sebastián

- ♦ Nuclear Medicine Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Ruiz, Eva

- ♦ Account and Research Director
- ♦ Ipsos Healthcare

Dr. Saiz Díaz, Rosa Ana

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Salvador Álvarez, Elena

- ♦ Radiodiagnostic Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Sánchez Sánchez, Carmen

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Sánchez Tornero, Mario

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Sánchez - Rubio, Javier

- ♦ Pharmacy Service
- ♦ Getafe University Hospital

Dr. Sancho, Aintzane

- ♦ Medical Oncology Department
- ♦ Cruces University Hospital of Bilbao

Dr. Sepulveda, Juan Manuel

- ♦ Medical Oncology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Simarro, Ana

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Simó Parra, Marta

- ♦ Neurology Service Bellvitge University Hospital
- ♦ L'Hospitalet de Llobregat Barcelona

Dr. Toldos González, Oscar

- ♦ Anatomic Pathology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Velastegui Ordoñez, Alejandro

- ♦ Medical Oncology Service
- ♦ Rey Juan Carlos University Hospital of Madrid

Dr. Vicente Martín, Cristina

- ♦ Internal Medicine Service
- ♦ Rey Juan Carlos University Hospital, Madrid

Dr. Vicente, M^a Asunción de la Morena

- ♦ Neurology Section
- ♦ Infanta Cristina University Hospital

Dr. Vidal, Noemí

- ♦ Anatomy Pathology Service
- ♦ Bellvitge Hospital
- ♦ Llobregat Hospital, Barcelona

Dr. Villarejo Galende, Alberto

- ♦ Neurology Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Weber Sánchez, Alejandro

- ♦ School of Bioethics, Universidad Anáhuac, Naucalpan de Juárez, Mexico

Dr. Yebra Yebra, Miguel

- ♦ Internal Medicine Service
- ♦ Rey Juan Carlos University Hospital



04

Structure and Content

The content structure 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 and treatment of Brain Tumors in Pediatric Patients pathology, and committed to quality teaching through new educational technologies.



“

This Postgraduate Certificate in Brain Tumors in Pediatric Patients contains the most complete and up-to-date scientific program on the market”

Module 1. Brain Tumors in Pediatric Patients

- 1.1. Brain Tumors in the First Decades of Life
 - 1.1.1. Epidemiology
 - 1.1.2. Histology and Prognostic Considerations
- 1.2. Brain Tumors in the First Decades of Life
 - 1.2.1. Surgery Considerations
 - 1.2.2. Perioperative Management
- 1.3. Oncologic Treatment in Primary CNS Tumors in Childhood
- 1.4. Neuro-Oncologic Complications in Children with Systemic Cancer





“*A unique, key, and decisive training experience to boost your professional development*”

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 an abundance of 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. 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 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 really 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 & Retesting

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 difficult future 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 Brain Tumors in Pediatric Patients** guarantees, in addition to the most rigorous and updated specialization, access to a qualification issued by **TECH Technological University**.



“

Successfully complete this training and receive your diploma without the hassle of travel or paperwork”

This **Postgraduate Certificate in Brain Tumors in Pediatric Patients** contains the most complete and up-to-date scientific program on the market.

After the student has passed the evaluations, they will receive their corresponding certificate issued by **TECH Technological University by tracked mail**.

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

Title: **Postgraduate Certificate in Brain Tumors in Pediatric Patients**

ECTS: **5**

Number of Hours: **125**



*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.

future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
development languages
virtual classroom



Postgraduate Certificate

Brain Tumors in Pediatric Patients

Course Modality: Online

Duration: 2 months

Endorsed by: TECH Technological University

5 ECTS credits

Hours: 125

Postgraduate Certificate

Brain Tumors in Pediatric Patients

