





# Hybrid Master's Degree Sports Physiotherapy

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

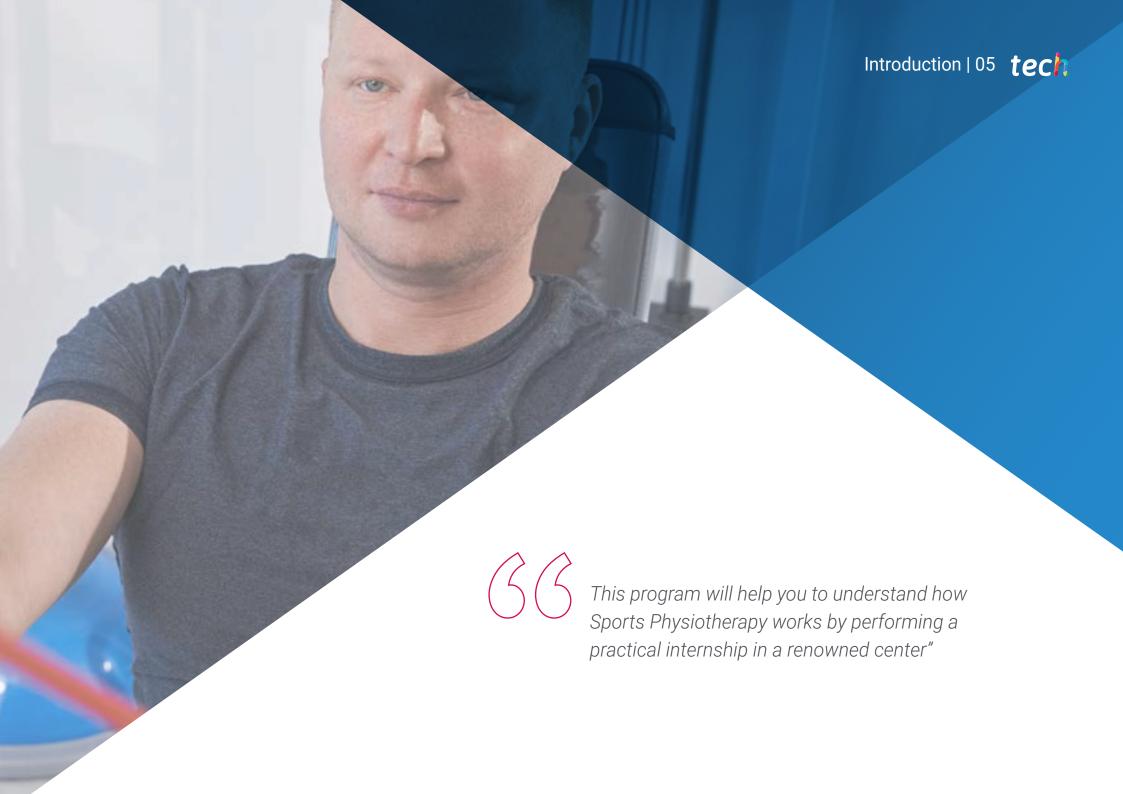
60 + 4 ECTS Credits

Website: www.techtitute.com/us/physiotherapy/hybrid-master-degree/hybrid-master-degree-sports-physiotherapy

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# tech 06 | Introduction

Elite athletes and clubs that take part in high-level competitions are increasingly betting on having professional physiotherapists specialized in the field of sports on their staffs. This has also led to the incorporation of new technologies and techniques in this area, enhancing the work of physiotherapists.

Just as innovation is an essential factor in recent years, in this specialty it is also essential to have a solid knowledge of the assessment, diagnostics and treatments used. In this sense, TECH offers professionals a complete update of their knowledge, through a program that perfectly combines a 100% online theoretical framework, with a practical internship of 3 weeks in a relevant clinical center.

In this way, the professional will delve into the approach to the sports patient with injuries in the upper and lower limbs, the use of invasive techniques, as well as the extrinsic and intrinsic factors that can cause muscle problems. All this, through advanced multimedia content that can be easily accessed from a computer, tablet or cell phone with an Internet.

Complete the first stage of this Hybrid Master's Degree, a practical stage, where the professional will be able to directly apply the concepts covered in the syllabus. During this period, professionals will not be alone, since they will be guided by an expert in this specialty who is part of the institution where the internship takes place. All of this will allow them to enhance their technical skills in the assessment and management of the patient, through a unique practical experience.

The professional is before an excellent opportunity to be up to date with the latest technical and methodological developments in the area of Sports Physiotherapy, through a flexible university program that adapts perfectly to the real needs of physiotherapists.

This **Hybrid Master's Degree in Sports Physiotherapy** contains the most complete and up-to-date scientific program on the market. The most important features include:

- Development of more than 100 clinical cases presented by professional sports physiotherapists, experts in the prevention and treatment of injuries, as well as university professors with extensive experience in the critical 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
- Patient assessment and monitoring, invasive techniques and a thorough lifestyle analysis for the prevention of future injuries
- Comprehensive plans of systematized action for upper and lower limb injuries
- Presentation of practical workshops on procedures, diagnosis, and treatment techniques in critical patients
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- Clinical practice guidelines on the approach to different lesions
- 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
- In addition, you will be able to carry out a clinical internship in one of the best hospitals in the world



This Hybrid Master's Degree will allow you to delve into the main advances in percutaneous electrolysis through innovative multimedia material and then put it into practice"

In this Master's Degree proposal, of professional character and blended learning modality, the program is aimed at updating physiotherapists professionals who develop their functions in the sports area, requiring a high level of qualification. The content is based on the latest scientific evidence and is organized in a didactic way to integrate theoretical knowledge into nursing practice. The theoretical-practical elements allow professionals to update their knowledge and help them to make the right decisions in patient care.

Thanks to their multimedia content developed with the latest educational technology, they will allow Physiotherapist professional to learn in a contextual and situated learning environment, that is, a simulated environment that will provide immersive learning programmed to train in real situations. The design of this program is centered on Problem Based Learning, by means of which the student must try to solve the different situations of professional practice that arise throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

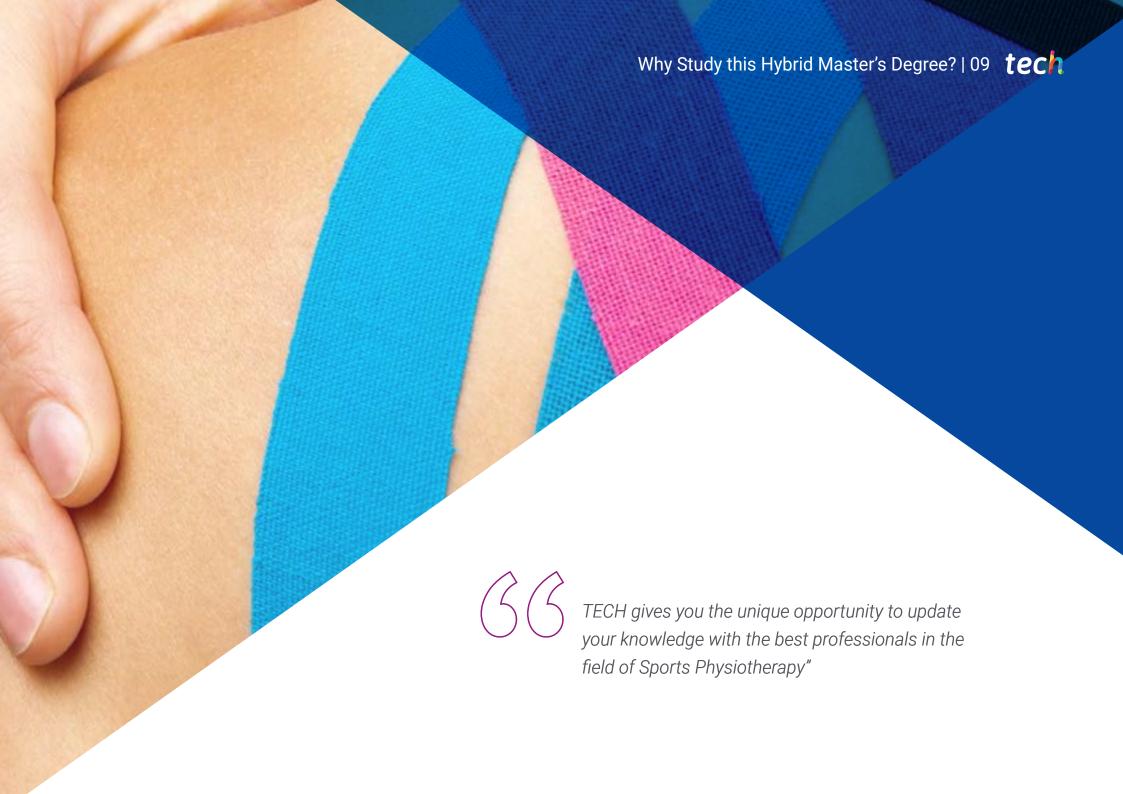
All the contents of this program will help you to update your knowledge to make a proper diagnosis of the most frequent injuries in the sports field.

Elaborate a physiotherapy diagnosis according to internationally recognized standards and scientific validation tools.



# Why Study this Hybrid Master's Degree?

In the current educational scene, few programs respond to the real needs of professionals who are looking for a comprehensive knowledge update, through a program that allows them to balance their daily activities. That is why TECH has developed this Hybrid Master's Degree that meets the real needs of professionals. As such, you will enter a 100% online and flexible theoretical framework to continue the update in a prestigious clinical center. A practical internship, where you will be accompanied by the best professionals in the sector who will show you, for 3 weeks, the most outstanding technical and methodological advances in Sports Physiotherapy. In this way, professionals will obtain a useful and direct vision, allowing them to integrate into their daily practice, the most notable progress in this specialty.



# tech 10 | Why Study this Hybrid Master's Degree?

### 1. Updating from the latest technology available

In recent years, new technologies have allowed physiotherapy clinical centers to have devices that allow a more accurate diagnosis and treatment of injuries. For this reason, and in order to bring the professional closer to cutting-edge technology, TECH has designed this Hybrid Master's Degree, where you will carry out an on-site internship in a prestigious professional environment. This will give you access to the most sophisticated and latest generation tools used in Sports Physiotherapy.

### 2. Gaining in-depth knowledge from the experience of top specialists

Obtaining a complete vision of the knowledge in Sports Physiotherapy is not easy, that is why TECH has developed this program, where it provides the professional with an excellent specialized teaching team, which will guide them at all times during the theoretical stage. In addition, during the practical period, graduates will not be alone, since they will be tutored by an excellent professional specialized in Sports Physiotherapy. With all this, this institution guarantees an unprecedented update.

### 3. Entering First-Class Clinical Environments

TECH selects through a rigorous process all the centers available for the realization of the Internship Program. Thanks to this, the specialist will have guaranteed access to a prestigious clinical space in the area of Sports Physiotherapy. In this way, they will be able to verify in situ the working methods and techniques used in an excellent professional environment.





# Why Study this Hybrid Master's Degree? | 11 tech

### 4. Combining the best theory with state-of-the-art practice

In the current educational market, teaching programs are not very adapted to the daily work of physiotherapists and require long hours of teaching. For this reason, TECH offers a program that combines theory and practice, which gives a real and effective response to the demands of graduates who wish to update their knowledge in Sports Physiotherapy with the best professionals in the sector.

### 5. Opening the doors to newopportunities

TECH offers the possibility of a 3-week intensive internship in cutting-edge centers that integrate in their teams the best professionals in the field of Sports Physiotherapy. This, without a doubt, is an excellent opportunity for graduates, as they surround themselves and collaborate during this period with professionals of the highest level in this sector. A unique program that you can only do in this academic institution.







# tech 14 | Objectives

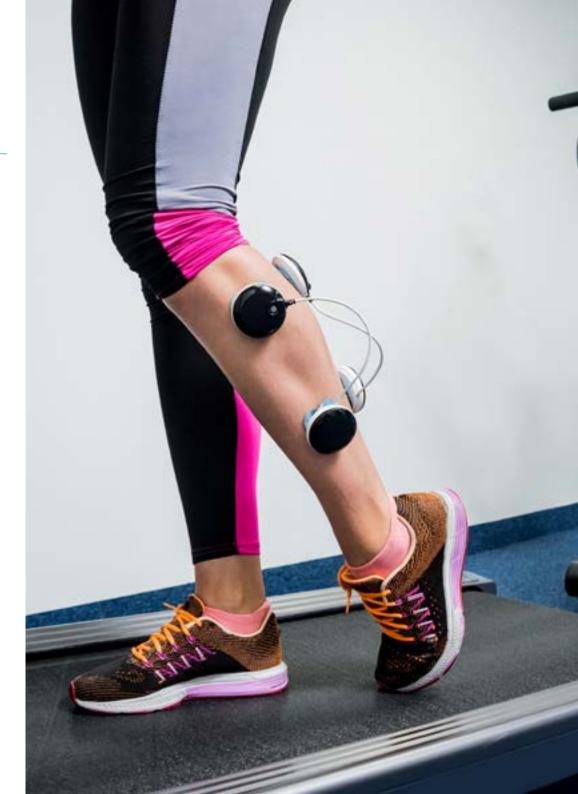


# **General Objective**

• The general objective of this Hybrid Master's Degree in Sports Physiotherapy is to achieve that professionals carry out an update of their knowledge in this educational field, carrying out a series of diagnostic and therapeutic procedures in a practical way. In this way, for the fulfillment of these goals, the professionals will be assisted throughout 12 months by the best experts in this area of Physiotherapy, who will guide them at all times so that they can successfully achieve the goals set.



With this program you will update the theoretical knowledge necessary for the proper, safe and effective application of neuromodulation techniques"





### Module 1. Sphincter Dysfunction and Sport

- Provide the student with knowledge about the structures and function of the abdominoperineal area
- Understand the most frequent perineal dysfunctions associated with sports practice
- Delve into the aspects of medical history and examination of patients with pelvic floor pathology, as well as what prevention consists of

### Module 2. Invasive Techniques in Sports: Percutaneous Electrolysis

- Evaluate the evolution of the results obtained with invasive physiotherapy techniques, in relation to the objectives set
- Acquire the theoretical knowledge required for the proper, safe and effective application of invasive physiotherapy techniques
- Acquire the practical skills and technical ability necessary for the application of percutaneous musculoskeletal electrolysis

### Module 3. Pain and Percutaneous Echoguided Neuromodulation

- Evaluate pain and its affectation with neuro modulation techniques
- Acquire the theoretical knowledge required for the proper, safe and effective application of neuro modulation techniques
- Acquire the practical skills and technical capacity necessary for the application of neuro modulation

### Module 4. Spinal Column, Instability and Injuries

- Assess intrinsic and extrinsic factors that may precipitate the onset of spinal cord injury
- Formulate functional diagnoses that correlate the user's condition with the pathophysiological limitations
- Design physiotherapy intervention protocols adapted to the injured anatomical region and sport performed
- Educate the patient and other collaborators in the detection and assessment of risks

### Module 5. Upper Limb and Sports Injuries

- Assess intrinsic and extrinsic factors that may precipitate the onset of upper limb injury
- Formulate functional diagnoses that correlate the user's condition with the pathophysiological limitations
- Design physiotherapy intervention protocols adapted to the injured anatomical region and sport performed
- Educate the patient and other collaborators in the detection and assessment of risks

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### Module 6. Lower Limb and Sport

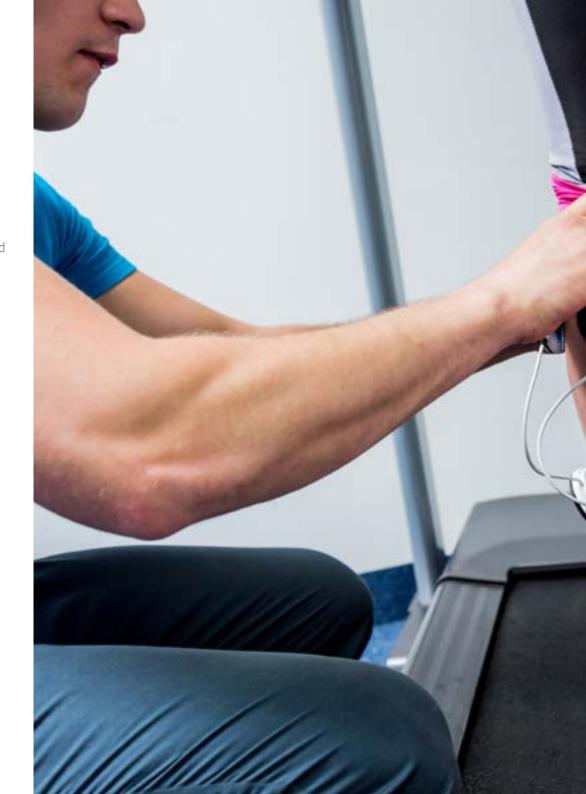
- Assess intrinsic and extrinsic factors that may precipitate the onset of lower limb injury
- Formulate functional diagnoses that correlate the user's condition with the pathophysiological limitations
- Design physiotherapy intervention protocols adapted to the injured anatomical region and sport performed
- Educate the patient and other collaborators in the detection and assessment of risks

### Module 7. Manual Techniques in Sports Physiotherapy

- Specialize in joint alterations in the different structures
- Correctly diagnose these alterations
- Select the most appropriate treatment technique for these disorders in relation to the assessment obtained
- Apply joint techniques
- Apply soft tissue techniques

### Module 8. Injury Prevention

- Assess the functional status of athletes
- Determine the physiotherapy diagnosis in the sports field
- Correctly apply the different prevention methods and techniques that can be used in the athlete
- Integrate the physiotherapeutic intervention process in the prevention and rehabilitation of injuries





# Objectives | 17 tech

### Module 9. Global Postural Re-Education and Injuries

- Learn a global, causal and individualized method of assessment, diagnosis and treatment
- Innovate biomechanical and pathophysiological notions of the patient
- Provide a structured method of manual therapy that allows both morphological and symptomatic pathologies to be addressed

### Module 10. Therapeutic Exercise in Athlete Recovery

- Acquire in-depth knowledge of the theoretical and practical foundations that support the use of therapeutic exercise as a preventive tool
- Integrate the basic concepts that explain tendon and muscle injuries, with regards to active tissue regeneration
- Develop skills for the planning and control of functional improvement programs through exercise and mobilization
- Improve decision-making skills in the athlete's progression through the different phases of treatment



With this program you will update the theoretical knowledge necessary for the proper, safe and effective application of neuromodulation techniques"





# tech 20 | Skills

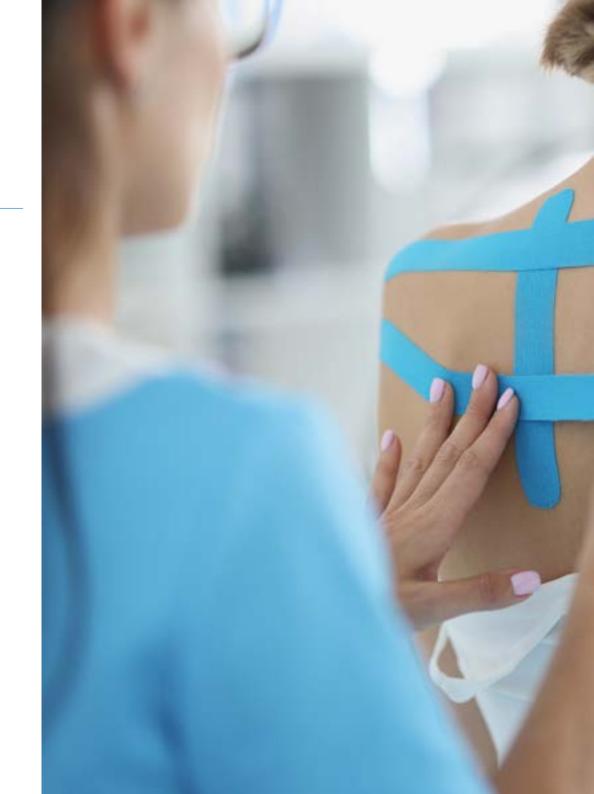


### **General Skills**

- Possess knowledge of injury processes
- Plan the diagnostic, functional, therapeutic and preventive means that guarantee the full functional recovery of the injured person
- Gain knowledge of advanced areas of evaluation
- Maximize therapeutic resources in the process of caring for the athlete
- Integrate therapeutic exercise in health promotion, both in healthy and sick populations
- Develop models of care based on the most up-to-date evidence in the most common sporting environments



TECH will help you with this program to enhance your skills to perform percutaneous electrolysis in elite athletes"



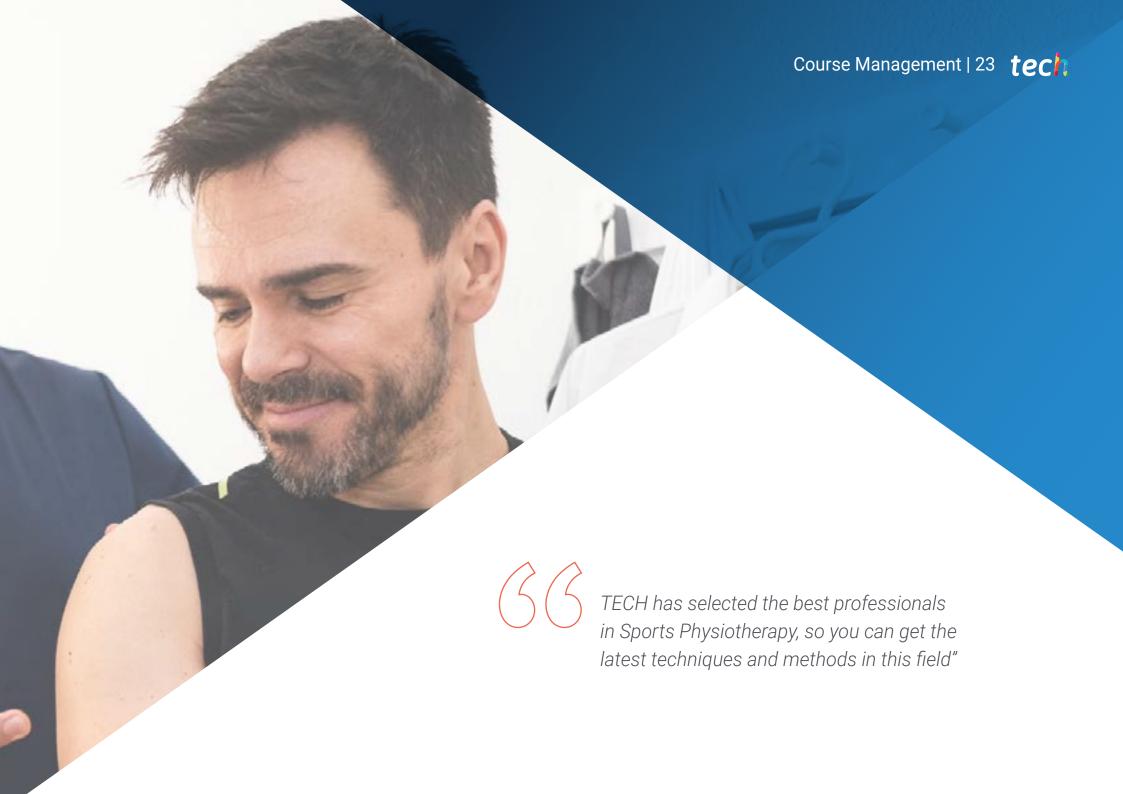




# **Specific Skills**

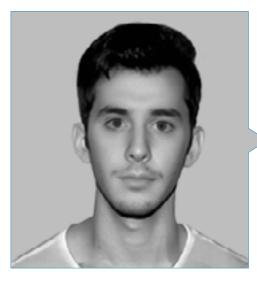
- Be able to intervene in sphincteric dysfunctions and sport
- Use percutaneous and musculoskeletal electrolysis techniques
- Apply Percutaneous Echoguided Percutaneous Neuromodulation
- Assess and intervene in spinal injuries
- Intervene in upper limb injuries
- Intervene in lower limb injuries
- Working with manual techniques in Sports Physiotherapy
- Advise and intervene in the prevention of injuries
- Learn about global postural re-education and about the injuries that occur in this context
- Be skilled in the application of therapeutic exercise for injury prevention
- Be skilled in programming therapeutic exercises for recovery from sports injuries





# tech 24 | Course Management

### Management



### Dr. Martínez Gómez, Rafael

- CEO and Founder of RehabMG
- PhD in Physical Activity and Sport Sciences
- Hybrid Master's Degree in Biomechanics and Sports Physiotherapy
- Graduate in Physiotherapy

### **Professors**

### Mr. Fernández Bartolomé, Álvaro

- Physiotherapist at the RehabMG Clinic
- Personal Trainer
- Degree in Physiotherapy
- Degree in Physical Activity and Sports Sciences

### Mr. Mainzer Zamora, Alejandro

- Athletic Trainer
- Master's Degree in Football Performance Analysis
- Graduate in Physiotherapy from the Francisco de Vitoria University
- Graduate in INEF. Physical Activity and Sport Sciences

### Ms. Fernández, Judit

- Personal Trainer
- Master's Degree in Personal Training, Sports Nutrition and Body Composition
- Degree in Physical Activity and Sport Sciences.
- Knowledge in Injury Rehabilitation and Readaptation
- Rhythmic Gymnastics Trainer





### Mr. Boal Hernández, Guillermo

- Physiotherapist of the Spanish Basketball Federation
- Physiotherapist at Estudiantes de Baloncesto
- Degree in Physiotherapy from CEU San Pablo University
- Master's Degree in Biomechanics and Sports Physiotherapy from Comillas Pontifical University
- Professor at the University of Valencia

### Mr. Ruiz González, Eduardo

- Director and Physiotherapist at FISIONES Physiotherapy Center
- Director and Physiotherapist of the Multipurpose Health Center Las Cruces
- Master's Degree in Biomechanics and Sports Physiotherapy from the Pontifical Comillas University
- Expert in Fascial and Craniosacral Therapy by the European University of Madrid
- Graduate in Physiotherapy from Comillas Pontifical University

### Ms. De Murga De Abajo, Claudia

- Trainer at Cris4life Woman Center Gym
- Personal trainer at home for clients with chronic pathologies
- Personal Trainer at the F4 Trainers center
- Swimming Coach at the Conde Orgaz Swimming Pools
- Specialist in Personal Training by the National Strength and Conditioning Association
- Expert in Sports Nutrition by the International University of La Rioja
- Graduate in Physical Activity and Sports Sciences from the Polytechnic University of Madrid





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### Module 1. Sphincter Dysfunction and Sport

- 1.1. Anatomical Overview
- 1.2. Abdominal Physiology and Effort
- 1.3. Abdominal Physiology
  - 1.3.1. Functions of the Pelvic Floor Muscles
  - 1.3.2. Micturition Dynamics
- 1.4. Functions of the Pelvic Floor Muscles
- 1.5. Most Common Perineal Pathology Associated with Impact Sports
- 1.6. Diagnosis of abdomino-perineal dysfunctions in female athletes
  - 1.6.1. General Physical Examination
  - 1.6.2. Postural Analysis
  - 1.6.3. Abdominal Analysis
  - 1.6.4. Pelvic Analysis
- 1.7. Sport-Related Pelvic Floor Dysfunctions
  - 1.7.1. Stress Urinary Incontinence. Definition and Prevalence
  - 1.7.2. Prolapses. Definition, Etiology, Classification and Quantification
- 1.8. Postural Analysis, Abdominal and Pelvic Examination
- 1.9. Recommendations and Prevention

### Module 2. Invasive techniques in sports: percutaneous electrolysis

- 2.1. Neuromechanical Model
  - 2.1.1. Invasive Physiotherapy Techniques in Sports
  - 2.1.2. Structural Analysis
- 2.2. Ultrasound-Guided Percutaneous Electrolysis
  - 2.2.1. Concept and Clinical Utility
- 2.3. Mechanisms of action
- 2.4. Physiotherapy Diagnosis
  - 2.4.1. Selection of the Target Tissue
  - 2.4.2. Clinical reasoning
- 2.5. Application Method. Tendon and Muscle
- 2.6. Usage Parameters
- 2.7. Clinical Case 1. Tendinopathies. Part I. Percutaneous Electrolysis
- 2.8. Clinical Case 2. Muscle Injury. Neuromechanical Model. Part I. Percutaneous Electrolysis





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### Module 3. Pain and Percutaneous Echoguided Neuromodulation

- 3.1. Neuromechanical Model
  - 3.1.1. Invasive Physiotherapy Techniques in Sports
  - 3.1.2. Functional Analysis
- 3.2. Ultrasound-Guided Percutaneous Neuromodulation
  - 3.2.1. Concept
  - 3.2.2. Clinical Utility
- 3.3. Mechanisms of action
  - 3.3.1. Physiotherapy Diagnosis
  - 3.3.2. Selection of the Target Tissue
  - 3.3.3. Clinical reasoning
- 3.4. Application Methodology in Peripheral Nerve
- 3.5. Parameters of use
- 3.6. Clinical Case 1. Tendinopathies. Part II. Percutaneous Neuromodulation
- 3.7. Clinical Case 2. Muscle Injury. Part II. Percutaneous Neuromodulation

### Module 4. Spinal Column, Instability and Injuries

- 4.1. Conceptual Aspects of the Movement Control System and its Dysfunctions in the Lumbopelvic and Cervico-Scapular Regions
- 4.2. Muscle Dysfunction
- I.3. Proprioceptive Dysfunctions and Neuroplastic Changes at the CNS Level
- 4.4. Dysfunctions in Precision, Dissociation and Movement Quality
- 4.5. Association between Motor Control Dysfunctions and Sports Injuries
- 4.6. Lumbopelvic Rhythm and Lumbar Instability Tests
- 4.7. Analysis of Movement Control by Observation
- 4.8. Muscle Activation Patterns Assessment Test and Muscle Endurance Test
- 4.9. Sensorimotor Test
- 4.10. Integration and Clinical Reasoning

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### Module 5. Upper Limb and Sports Injuries

- 5.1. Muscle Injuries of the Upper Limb and Classification
- 5.2. Muscle Injuries of the Upper Limb
  - 5.2.1. Clinical Assessment
  - 5.2.2. Exploration
  - 5.2.3. Diagnostic Imaging
- 5.3. Muscle Injuries of the Upper Limb: Conservative Treatment vs. Surgical
- 5.4. Muscle Injuries of the Upper Limb
  - 5.4.1. Principles of Recovery
  - 5.4.2. Phases
  - 5.4.3. Objectives and Interventions
- 5.5. Muscle Injuries of the Upper Limb Prevention and Motor Control
- 5.6. Glenohumeral Dislocation in Professional Football I
  - 5.6.1. Etiology
  - 5.6.2. Types
- 5.7. Glenohumeral Dislocation in Professional Football.II
  - 5.7.1. Functional Assessment
  - 5.7.2. Diagnosis and clinical reasoning
- 5.8. Glenohumeral Dislocation in Professional Soccer: Physiotherapeutic Treatment
- 5.9. Glenohumeral dislocation in professional soccer: prevention and Return To Play
- 5.10. Tendinopathies of the Elbow: Assessment
- 5.11. Joint and Ligament Injuries of the Elbow: Assessment
- 5.12 Treatment Protocols

### Module 6. Lower Limb and Sport

- 6.1. Overview, Epidemiology and Principles of Terminological Uniformity According to the "DOHA Agreement" in the Athlete's Hip
- 6.2. Principles of Functional and Physical Examination
  - 6.2.1. Identification of Dysfunctional Movement Patterns
  - 6.2.2. Differential Diagnosis of Syndromes
- 6.3. Dysfunction/Pain and Trauma of the Hip Region
- 6.4. Principles of Adductor-Related Groin Pain Management

- 6.5. Principles of Femoroacetabular Shock Treatment
- 6.6. Clinical-functional indicators in the determination of "Return To Play"
- 5.7. Functional Assessment of the Knee: Neuro-Orthopedic Approach
- 6.8. Repetitive Stress Syndrome
  - 6.8.1. Functional Assessment
  - 6.8.2. Physiotherapy Treatment
- 5.9. Iliotibial Band Syndrome
  - 6.9.1. Functional Assessment
  - 6.9.2. Physiotherapy Treatment
- 6.10. Goosefoot Syndrome
  - 6.10.1. Functional Assessment
  - 6.10.2. Physiotherapy Treatment
- 6.11. Ankle Ligament Injuries in Contact Sports
  - 6.11.1. Etiology and Pathophysiology
  - 6.11.2. Diagnosis
    - 6.11.2.1. Clinical Tests
    - 6.11.2.2. Complementary Tests
  - 6.11.3. Physiotherapy Treatment
    - 6.11.3.1. Acute Phase
    - 6.11.3.2. Functional Recovery Phase
    - 6.11.3.3. Return to Sporting Activity Phase
    - 6.11.3.4. Complications of Ligament Injuries
    - 6.11.3.5. Preventive Work
- 6.12. Metatarsalgia
  - 6.12.1. Functional Assessment
  - 6.12.2. Podiatric Assessment
  - 6.12.3. Therapeutic Approach
- 6.13. Plantar Fasciitis
  - 6.13.1. Functional Assessment
  - 6.13.2. Podiatric Assessment
  - 6.13.3. Therapeutic Approach
- 6.14. Sports Footwear
  - 6.14.1. Principal Components
  - 6.14.2. Types by Sport

### Module 7. Manual Techniques in Sports Physiotherapy

- 7.1. Shoulder Joint Techniques
- 7.2. Elbow Joint Techniques
- 7.3. Wrist and Hand Joint Techniques
- 7.4. Hip Joint Techniques
- 7.5. Knee Joint Techniques
- 7.6. Ankle and Foot Joint Techniques
- 7.7. Soft Tissue Techniques in the Upper Extremities
- 7.8. Soft Tissue Techniques in the Lower Extremities
- 7.9. Osteopathic Techniques of the Cervical Spine
- 7.10. Osteopathic Techniques of the Dorsal Spine
- 7.11. Osteopathic Techniques of the Lumbar Spine
- 7.12. Pelvic Osteopathic Techniques

### Module 8. Injury Prevention

- 8.1. Lifestyle and Motor Habits as Risk Factors
  - 8.1.1. Natural and Cultural Motricity
  - 8.1.2. Current Motor Habits and Diseases of Civilization
  - 8.1.3. Triad of Modernity
- 8.2. Primary, Secondary and Tertiary Prevention
  - 8.2.1. Risk Factor Approach Scheme
  - 8.2.2. Concept of Dysfunction
  - 8.2.3. Basic Principles of Prevention for Movement Assessment and Prescription
- 8.3. Perceptual-Motor Skills as a Basis for Intelligent and Healthy Movement
- 8.4. Methodology and Objectives in the Preventive Approach
- 8.5. Postural System and Interpretation of Different Authors
- 8.6. Fascial System
  - 8.6.1. Functions of Connective Tissue and Fascia
  - 8.6.2. Concept of Static Chains and Diaphragms
  - 8.6.3. Fascial System Dysfunction and Common Symptoms
  - 8.6.4. Healthy Fascias and Training

- 3.7. Static, Dynamic and Functional Postural Assessment
  - 8.7.1. Early Detection
  - 8.7.2. Postural Dysfunctions as Risk Factors
- 8.8. Breathing and its Role in Posture and Stability
- 8.9. Proprioception and Prevention
- 8.10. Active Prevention

### Module 9. Global Postural Re-Education and Injuries

- 9.1. Risk Factors and Their Role in Posture
  - 9.1.1. Intrinsic Factors:
  - 9.1.2. Extrinsic Factors
- 9.2. Athlete Assessment
  - 9.2.1. Static Assessment
  - 9.2.2. Dynamic Assessment
- 9.3. Assessment of Injury Movement
- 9.4. Treatment of Dysfunctions through the GPR Concept
- 9.5. Concepts on Neuropedagogy
- 9.6. Learning Phases
- 9.7. Squat Movement Integration

### Module 10. Therapeutic Exercise in Athlete Recovery

- 10.1. Criteria for RTP Following Injury
  - 10.1.1. Biological Criteria
  - 10.1.2. Functional Criteria
  - 10.1.3. Psychological Criteria
  - 10.1.4. Sports
- 10.2. Strength Training Objectives
  - 10.2.1. Preventive/Compensatory Training
  - 10.2.2. Sports Functional Recovery
- 10.3. General Applied Principles
  - 10.3.1. Specificity
  - 10.3.2. Individuality
  - 10.3.3. Variation or Novel Stimulus
  - 10.3.4. Progressive Loading
  - 10.3.5. Adaptation or Preparation of Structures

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10.4.	Neuromuscular Manifestations in Strength Training	
	10.4.1.	Power
	10.4.2.	Fast/Explosive Training
	10.4.3.	Maximum Strength Training
	10.4.4.	Resistance Training
	10.4.5.	Hypertrophy
10.5.	Therapeutic Exercise Parameters	
	10.5.1.	Intensity
	10.5.2.	Volume
	10.5.3.	Weight
	10.5.4.	Repetitions
	10.5.5.	Sets
	10.5.6.	Rest
10.6.	Methods and Systems	
	10.6.1.	Concentric
	10.6.2.	Eccentric
	10.6.3.	Ballistic
	10.6.4.	Isoinertial
		Isometric
	Planning and Periodization	
	10.7.1.	Types of Planning
		10.7.1.1. Undulating/Linear
	10.7.2.	Work Units
		10.7.2.1. Macrocycle
		10.7.2.2. Mesocycle
		10.7.2.3. Microcycle
		10.7.2.4. Session
10.8.	Dosage and Calculation of the Therapeutic Exercise Load	
	10.8.1.	1
		Rubber Bands
		Weights/Dumbbells/Bars/Discs
		Machines
		Body Weight

10.8.7. Fitball





# Educational Plan 33 tech

10.9. Design and Selection of Therapeutic Exercise

10.9.1. Characteristics of Physical Activity/Sport

10.9.1.1. Physical

10.9.1.2. Physiology

10.9.1.3. Techniques/Tactics

10.9.1.4. Psychological Techniques/Tactics

10.9.1.5. Biomechanical Techniques/Tactics

10.9.2. Methods

10.9.2.1. Exercises

10.9.2.2. Circuits

10.9.2.3. Programs/Routine

10.10. Assessment and Control through Functional Tests



TECH provides you with a syllabus that perfectly combines an advanced theoretical framework with an intensive practical internship"





# tech 36 | Clinical Internship

The practical period integrated by TECH in this program is the finishing touch to a complete update of knowledge on Sports Physiotherapy. As such, in this on-site internship in a center of recognized prestige, the graduate will be from Monday to Friday, in 8-hour consecutive shifts and during 3 intense weeks.

A unique experience that will take the professional to be able to be with excellent professionals in this field, interacting with real patients who require the latest techniques and devices for their treatment. These activities are aimed at developing and perfecting the skills necessary for the provision of physiotherapeutic care in areas and conditions that require a high level of qualification and are oriented to the exercise of the activity, in a safe environment for the patient.

This is, undoubtedly, an unbeatable opportunity for professionals to update their knowledge, working in scenarios where the latest technology applied to this specialty is applied, and in addition, with a team of physiotherapists who are proficient in the main procedures.

The practical part will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of teachers and other training partners that facilitate teamwork and multidisciplinary integration as transversal skills for the practice of physiotherapy (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the program, and their implementation is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being the following:



Receive specialized education in an institution that can offer you all these possibilities, with an innovative academic program and a human team that will help you develop your full potential"



# Clinical Internship | 37 **tech**

Module	Practical Activity
Invasive techniques in sports: percutaneous electrosisis	Perform diagnosis and treatment of sports patients
	Perform invasive physiotherapy techniques in athletes through the neuromechanical model
	Use of percutaneous ultrasound-guided electrosisis in athletes
	Perform percutaneous electrosisis for tendinopathies and muscle injuries
Treatment of spinal column, instability and injuries	Outline strategies for the management of proprioceptive dysfunctions and neuroplastic changes at the CNS level
	Diagnose dysfunctions in precision, dissociation and movement quality
	Perform lumbar instability tests
	Collaborate in the performance of observational motion control analysis
	Perform muscle activation pattern assessment tests and muscular resistance tests
Treatment of upper limbs and sports injuries	Offer support in the treatment and examination of muscle injuries of the upper limbs
	Diagnostic imaging of muscle injuries of the upper limbs
	Carry out the diagnosis of glenohumeral dislocation
	Perform physiotherapeutic treatment of glenohumeral dislocation
	Assess and treat elbow joint and ligament injuries
Treatment of Lower Limbs and Sports	Assist in the treatment and examination of dysfunction/pain and trauma of the hip region
	Perform treatment of adductor-related groin pain
	Perform a functional assessment of the knee, using the neuro-orthopedic approach
	Carry out physiotherapeutic treatment of repetitive stress syndrome
	Outline a physiotherapeutic treatment strategy for iliotibial band syndrome
	Address goosefoot syndrome by physiotherapy treatment
	Perform clinical and complementary tests for ligamentous injuries of the ankle in contact sports
	Address metatarsalgia
	Perform functional and podiatric assessment of the painful sole of the foot
Manual Techniques in Sports Physiotherapy	Perform joint techniques on upper and lower limbs
	Approach the patient with osteopathic techniques of the dorsal spine
	Offer support in the performance of osteopathic techniques of the lumbar spine
	Handle pelvic osteopathic techniques

# **Civil Liability Insurance**

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.



# **General Conditions of the Internship Program**

The general terms and conditions of the internship agreement for the program are as follows:

- 1. TUTORING: during the Hybrid Hybrid Master's Degree students will be assigned two tutors who will accompany them throughout the process, resolving any doubts and questions that may arise. On one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor, whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic
- 2. DURATION: the internship program will have a duration of three continuous weeks of practical training, distributed in 8-hour days and five days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements
- **3. ABSENCE**: in case of no-show on the day of the Hybrid Hybrid Master's Degree, the student will lose the right to the it without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination the internship. Any problems that may arise during the course of the internship must be urgently reported to the
- 4. CERTIFICATION: Students who pass the Hybrid Hybrid Master's Degree will receive

- a certificate of attendance at the center in question
- **5. EMPLOYMENT RELATIONSHIP:** The Hybrid Hybrid Master's Degree does not constitute an employment relationship of any kind of any kind
- **6. PREVIOUS STUDIES:** some centers may require a certificate of previous studies for the Hybrid Hybrid Master's Degree. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed
- 7. NOT INCLUDED: the Hybrid Hybrid Master's Degree will not include any element not described in these conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case





# tech 42 | Where can I do the Clinical Internship?

Students can take the practical part of this Hybrid Hybrid Master's Degree at the following centers:



#### Clínica Viriato

Country City
Spain Madrid

Address: Calle Viriato, 29, 28010, Madrid

Clinic specialized in General Medicine, Aesthetic Medicine, Dentistry and Body Rehabilitation.

#### Related internship programs:

Sports Physiotherapy Geriatric Physiotherapy



# Clínica de Fisioterapia Pilates Canal

Country City
Spain Madrid

Address: Av. Filipinas 44, 28003 Madrid

Physiotherapeutic center specialized in Pilates

#### Related internship programs:

Geriatric Physiotherapy Sports Physiotherapy



### Técnica Fisioterapia

Country City
Spain Madrid

Address: Calle Boix Morer, 22 (28003) Madrid

Center specialized in physical treatments, natural and noninvasive methods for the rehabilitation of all types of injuries and ailments.

#### Related internship programs:

Sports Physiotherapy



### Somos Fisioterapia Hernani

Country City
Spain Madrid

Address: C/ Hernani, 64 Madrid

Physiotherapeutic center specialized in Osteopathy and the Pilates method.

#### Related internship programs:

Sports Physiotherapy



#### Fisiosalud+ Chamberí

Country City
Spain Madrid

Address: Calle Alonso Cano, 64 (28003) Madrid

Clinical center specialized in physiotherapy and physical rehabilitation.

#### Related internship programs:

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



#### Fisiosalud+ Alcobendas

Country City
Spain Madrid

Address: Paseo de la Chopera, 38 (28100) Alcobendas, Madrid

Clinical center specialized in physiotherapy and physical rehabilitation.

#### Related internship programs:

Sports Physiotherapy

 Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



#### Fisiosalud+ Salamanca

Country City
Spain Madrid

Address: Calle Don Ramón de la Cruz, 87 (28006) Madrid

Clinical center specialized in physiotherapy and physical rehabilitation.

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



# Fisiosalud+ Malasaña

Country City Spain Madrid

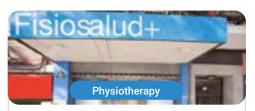
Address: C. de San Vicente Ferrer, 20, 28004 Madrid

Clinical center specialized in physiotherapy and physical rehabilitation.

#### Related internship programs:

-Prevention, Rehabilitation and Rehabilitation of Sports Injuries for Physiotherapists

# Where Can I Do the Clinical Internship? | 43 tech



#### Fisiosalud+ Ciudad Lineal

Country City
Spain Madrid

Address: Calle Emilio Ferrari 10, 28017 Madrid

Clinical center specialized in physiotherapy and physical rehabilitation.

#### Related internship programs:

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



### **Fisiomed Brunete**

Country City
Spain Madrid

Address: C/ Sorolla nº1 28690 Brunete (Madrid)

Sports Physiotherapy Clinic and Integral Rehabilitation Center

#### Related internship programs:

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



# Fisioterapia Flor Trujillo

Country City
Spain Granada

Address: Pasaje de Recogidas, 10, Granada (18005)

Physiotherapeutic and osteopathic clinic with promotion of natural therapies

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



### Fisioterapia Recupérate Ya

Country City
Spain Madrid

Address: Calle de Sandoval 17, (28010) Madrid

Physiotherapeutic center with a wide range of services for physical and manual therapy.

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy



### Fisiosalud+ San Sebastián de los Reves

Country City
Spain Madrid

Address: Av. de los Reyes Católicos, 29, 28701 San Sebastián de los Reyes, Madrid

Physiotherapy and Osteopathy Center specialized in manual therapy.

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



# Somos Fisioterapia Palafox

Country City
Spain Madrid

Address: Calle de Palafox, 12, 28010 Madrid

Physiotherapeutic center specialized in Osteopathy and the Pilates method.

#### Related internship programs:

Sports Physiotherapy



# Fisioincorpore

Country City
Spain Madrid

Address: Avenida del Ventisquero de la Condesa 18, (28035) Madrid

Physiotherapy and podiatry clinic specializing in traumatology

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



# Fisioincorpore Fit

Country City
Spain Madrid

Address: Calle Baños de Valdearados, 14, (28051) Madrid

Clinic focused on the integral and absolute care of the human body through Physiotherapy.

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists

# tech 44 | Where can I do the Clinical Internship?



# Clínica Capón

Country City
Spain Madrid

Address: Avenida Camino de Santiago 1, esquina de Calle Puerto de Somport, 28050, Madrid

Multidisciplinary center specialized in sports and locomotor physiotherapy.

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



# **TG Sportclinic**

Country City
Spain Madrid

Address: Calle Golfo de Salónica, 73, 28033, Madrid

Comprehensive health care clinic for athletes

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



#### Physiotherapy

#### Clínica Abla

Country City
Spain Madrid

Address: Calle de Antonio Machado, 61, 28830, San Fernando de Henares, Madrid

Center specialized in psychiatric, psychological and pedagogical assistance.

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



# Pasos Fisioterapia

Country City
Spain Madrid

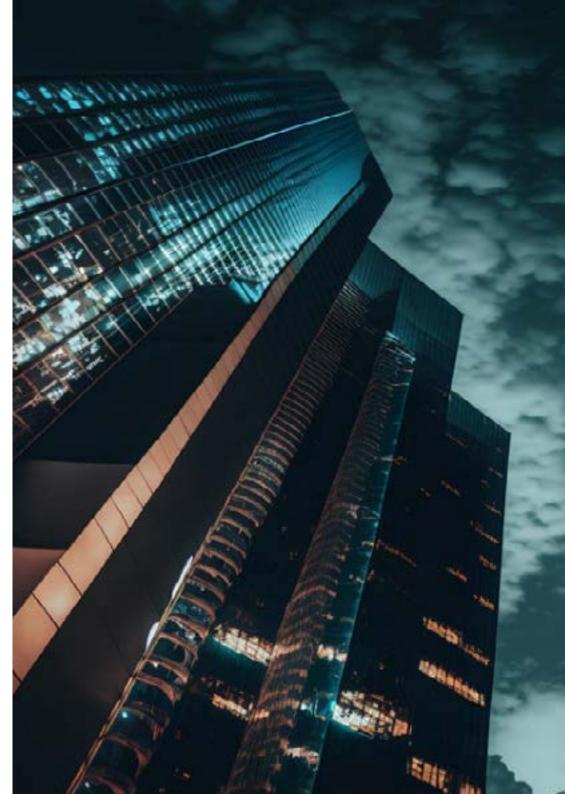
Address: Calle Rafael Sánchez Ferlosio, 11, local 3, 28830, San Fernando de Henares, Madrid

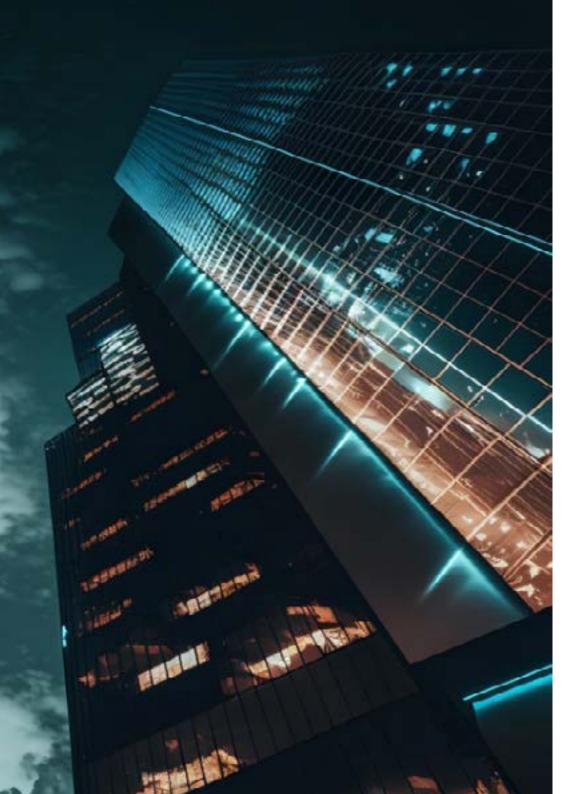
Center for Advanced Comprehensive Physiotherapy

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Rehabilitation of Sports Injuries for Physiotherapists





# Where Can I Do the Clinical Internship? | 45 tech



#### Clínica Sanarte

Country City
Spain Madrid

Address: Av. del Cantábrico, 125, posterior, 28939 Arroyomolinos, Madrid

Center for functional rehabilitation assistance through physiotherapy.

#### Related internship programs:

Sports Physiotherapy



# Reydes Fisioterapia Villalba

Country City Spain Madrid

Address: Calle los Madroños, 6, 28400 Collado Villalba, Madrid

Recovery, rehabilitation and physiotherapy center

#### Related internship programs:

Sports Physiotherapy



# Reydes Fisioterapia Guadarrama

Country City
Spain Madrid

Address: C. del Gral. Moscardó, 11, 28440 Guadarrama, Madrid

Recovery, rehabilitation and physiotherapy center

Related internship programs:

Sports Physiotherapy



# FisioSanfer

Country City Spain Madrid

Address: Calle Nazario Calonge, 13, 28830, San Fernando de Henares, Madrid

Clinic of Physiotherapy and Osteopathy with integral assistance

#### Related internship programs:

Sports Physiotherapy - Musculoskeletal Ultrasound in Physiotherapy

# tech 46 | Where can I do the Clinical Internship?



### Vizcaíno Fisioterapia

Country City
Spain Madrid

Address: Sector Descubridores, 2, 28760, Tres Cantos, Madrid

Physiotherapy and rehabilitation clinic, personal training and injury rehabilitation.

#### Related internship programs:

- Musculoskeletal Ultrasound in Physiotherapy Sports Physiotherapy



#### Fisiokina

Country City
Spain Madrid

Address: Avenida de Madrid, 18, 28760, Tres Cantos, Madrid

Sports and general physiotherapy and osteopathy clinic.

#### Related internship programs:

 Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



### **Rekovery Clinic**

Country City
Spain Madrid

Address: Calle Bolivia 38, 28016, Madrid

Clinical center specialized in bone-muscular rehabilitation and recovery.

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



### Clinisalud

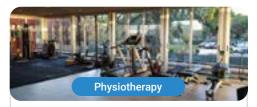
Country City
Spain Madrid

Address: Calle Pingüino, 23, 28047 Madrid

Multidisciplinary health care center

#### Related internship programs:

- Diagnosis in Physiotherapy
- Advanced Clinical Podiatry



#### Fisioentrena Madrid

Country City
Spain Madrid

Address: Avenida del Dr. Federico Rubio y Galí, 59, 28040 Madrid (Dentro del Wellsport Club)

Center specialized in the prevention and recovery of injuries

#### Related internship programs:

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



#### **Binomio Ocio**

Country City
Spain Madrid

Address: C/ Cartagena, 164, Madrid 28002

Center oriented to high-level sports physiotherapy.

#### Related internship programs:

Sports Physiotherapy

-Prevention, Rehabilitation and Readaptation of Sports Injuries for Physiotherapists



### Clínica Foot and Body

Country City
Spain Madrid

Address: C. de Segovia, 69, local izquierda, 28005 Madrid, España

Foot and Body Clinic specialists in Podiatry, Aesthetic Medicine,
Physiotherapy and Advanced Aesthetics.

#### Related internship programs:

Sports Physiotherapy

- Advanced Clinical Podiatry



#### Fisio en Forma

Country City
Spain Madrid

Address: C. de Boadilla, 42, 28220 Majadahonda, Madrid

Physiotherapeutic and physical health promotion clinic

#### Related internship programs:

Sports Physiotherapy
- Diagnosis in Physiotherapy

# Where Can I Do the Clinical Internship? | 47 tech



#### Rehab MG

Country City
Spain Madrid

Address: C. Dublín, 1, Bajo 3A, 28232 Las Rozas de Madrid, Madrid

Clinic specialized in Sports Physiotherapy

#### Related internship programs:

Sports Physiotherapy
- Diagnosis in Physiotherapy



#### Sabier Fisiomedic

Country City
Spain Madrid

Address: C. María Zambrano, 3, Local 8-9, 28522 Rivas-Vaciamadrid, Madrid

Center specialized in Physiotherapy, Osteopathy, Aesthetic Medicine, Podiatry, Biomechanics, Facial and Body Aesthetics.

#### Related internship programs:

- Diagnosis in Physiotherapy Sports Physiotherapy



# Policlínico HM Matogrande

Country City
Spain La Coruña

Address: R. Enrique Mariñas Romero, 32G, 2°, 15009, A Coruña

Network of private clinics, hospitals and specialized centers distributed all over the Spanish geography.

#### Related internship programs:

Sports Physiotherapy Neurodegenerative Diseases



# Policlínico HM Moraleja

Country City
Spain Madrid

Address: P.º de Alcobendas, 10, 28109, Alcobendas, Madrid

Network of private clinics, hospitals and specialized centers distributed all over the Spanish geography.

#### Related internship programs:

- Rehabilitation Medicine in Acquired Brain Injury Management



#### Massalud

Country City
Spain Madrid

Address: C. de los Caños del Peral, 11, Bajo Izquierda, 28013 Madrid

Massalud, distinguished center for the provision of Physiotherapy and Osteopathy services for the voice oriented artists

#### Related internship programs:

Sports Physiotherapy



#### Klinik PM

Country City
Spain Alicante

Address: C. del Alcalde Alfonso de Rojas, 8. 03004 Alicante

The largest referral clinic in pain treatment and conservative traumatology.

#### Related internship programs:

- Diagnosis in Physiotherapy Sports Physiotherapy



# Premium global health care Madrid

Country City
Spain Madrid

Address: C. de Víctor de la Serna, 4, 28016 Madrid

Rehabilitation, readaptation and personal training: these are the pillars of the clinic.

Physiotherapy clinic in Chamartín

#### Related internship programs:

-MBA in Digital Marketing -Project Management



# Premium global health care Pozuelo

Country City
Spain Madrid

Address: Centro Comercial Monteclaro, Local 59.4, s/n, Av. de Monteclaro, d, 28223 Pozuelo de Alarcón, Madrid

Rehabilitation, readaptation and personal training: these are the pillars of the physiotherapy clinic in Pozuelo.

#### Related internship programs:

-MBA in Digital Marketing -Project Management

# tech 48 | Where can I do the Clinical Internship?



# Premium global health care Fuenlabrada

Country

ity

Spain Madrid

Address: Paseo de Roma, 1, 28943 Fuenlabrada, Madrid

Rehabilitation, readaptation and personal training: these are the pillars of the clinic Physiotherapy clinic in Fuenlabrada

#### Related internship programs:

-MBA in Digital Marketing -Project Management



# Clínica Montecarlo Torrent

Country

City

Spain

Valence

Address: Avinguda al Vedat, 21-1º piso, Edificio Montecarlo, 46900 Torrent, Valencia

Center specialized in physiotherapy

#### Related internship programs:

- Electrotherapy in Physiotherapy Sports Physiotherapy



# Fisioterapia Avanzada Fabián España

Country

City

Spain Barcelona

Address: Calle Menorca 34, local 2, CP 08020 Barcelona

Physical therapist with evidence-based rehabilitation treatments

#### Related internship programs:

Sports Physiotherapy







# Where Can I Do the Clinical Internship? | 49 tech



# **Fiziord**

Country City
Mexico Mexico City

Address: Segovia 96 Int. 4 Col. Alamos Del. Benito Juárez CDMX C.P 03400

> Advanced Clinic of Physiotherapy and Sports Medicine

#### Related internship programs:

Sports Physiotherapy
-Neurological Physiotherapy in Degenerative Diseases



# Small Hauhgthon Rehab

Country City
Mexico Mexico City

Address: Nicolás San Juan 1319 Col. Del Valle Sur Benito Juárez

Clinic specialized in Sports Medicine and comprehensive care in Physiotherapy

#### Related internship programs:

Geriatric Physiotherapy Sports Physiotherapy



# **Ossis Ortho Sport Clinic**

Country City
Mexico Quintana Roo

Address: Plaza Ossis Wellness Center. Ubicado en Av. Huayacan esq. Calle Ciricote Smz. 313 Mza. 257, Cancún, Quintana Roo

Rehabilitation clinic specialized in Traumatology, Orthopedics and Sports Medicine.

#### Related internship programs:

Sports Physiotherapy - Electrotherapy in Physiotherapy



# Santé Clinic Querétaro

Country City
Mexico Querétaro de Arteaga

Address: Circuito Álamos #88 PA-B col Álamos 2da sección Querétaro, Qro, CP 76160

Clinical center specialized in physical therapy and recovery

#### Related internship programs:

- Aesthetic Medicine Sports Physiotherapy



# tech 50 | Where can I do the Clinical Internship?



# Physio Sports México

Country Mexico Mexico City

Address: Convento del Rosario No. 34, Jardines de Santa Mónica C.P. 54050. Tlalnepantla, Estado de México. México

Avant-garde and innovative Physiotherapy Clinic

#### Related internship programs:

- Electrotherapy in Physiotherapy Sports Physiotherapy



# Plene Fisio

Country City Mexico Mexico City

Address: Anaxágoras 915, Narvarte Poniente, Benito Juárez, 03100 Ciudad de México, CDMX, México

Physiotherapy Clinic in La Navarte

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy



### Rehamex

Country City Mexico Mexico

Address: J.J. Fernández de Lizardi No. 5, Cto. Novelistas, Ciudad Sátelite, Naucalpan

> Center specialized in Rehabilitation and physical health promotion

#### Related internship programs:

- Diagnosis in Physiotherapy Medical Research



# Clínica de Fisioterapia Integral Mover-T

Country Mexico Mexico City

Address: Calle Pilares 506, Colonia del Valle Centro, Benito Juárez,03100 Ciudad de México, CDMX, México

Integral Physical Therapy Clinic

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy







# Where Can I Do the Clinical Internship? | 51 tech





# **Athlos Naucalpan**

Country City Mexico Mexico City

Address: Av. Gustavo Baz Prada No. 116, Col. Bosques de Echegaray, Naucalpan de Juárez. Estado de México

Centers specialized in physical and sports rehabilitation

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy



# **Athlos Toluca**

Country City Mexico Mexico City

Address: Cerro de la Estrella 128 - 29, Xinantécatl, Metepec, Edo. de Méx

Centers specialized in physical and sports rehabilitation

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy



#### Athlos Lindavista

Country City Mexico Mexico City

Address: Sullana 741, Col. Lindavista, Del. G.A.M. CDMX

Centers specialized in physical and sports rehabilitation

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy



#### Athlos Iztacalco

Country Mexico Mexico City

Address: Julio García No. 14, Piso 2, San Miguel, Iztacalco, CDMX. Esq. Francisco del Paso y Troncoso

Centers specialized in physical and sports rehabilitation

#### Related internship programs:

- Diagnosis in Physiotherapy - Electrotherapy in Physiotherapy

# tech 52 | Where can I do the Clinical Internship?



#### **Athlos Roma**

City Country Mexico Mexico City

Address: Guanajuato 178, 3er Piso. Roma Norte, Cuauhtémoc, CDMX

Centers specialized in physical and sports rehabilitation

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy



# Athlos Tlalpan

Country City Mexico Mexico City

Address: Calle 3 Num 52, Coapa, Espartaco, Coyoacán, 04870, CDMX

Centers specialized in physical and sports rehabilitation

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy



# **Athlos Ecatepec**

Country

Mexico Mexico City

Address: Plaza Ecatepec, Via Morelos 172, Local C-8, Los Laureles, Ecatepec de Morelos, Méx. Junto a la zona de Comida

Centers specialized in physical and sports rehabilitation

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy



# Athlos Tiber

Country

City

Mexico

Mexico City

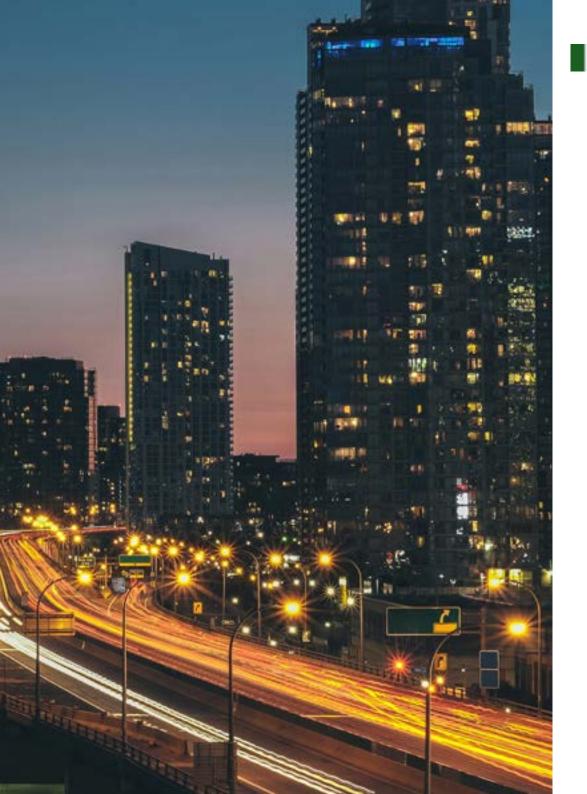
Address: Río Tiber No. 21, 3er Piso, Col: Cuauhtémoc, Del: Cuauhtémoc, CDMX

Centers specialized in physical and sports rehabilitation

#### Related internship programs:

- Diagnosis in Physiotherapy
- Electrotherapy in Physiotherapy





# Where Can I Do the Clinical Internship? | 53 tech



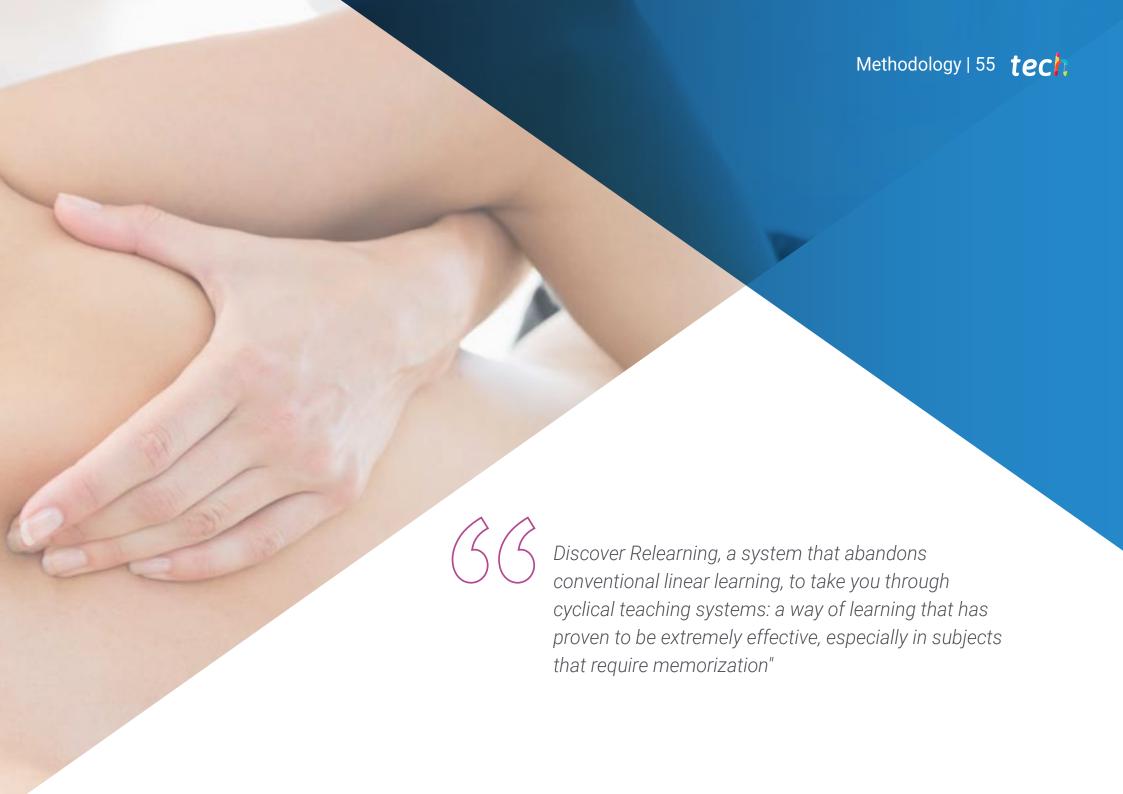


You will learn firsthand the reality of working in the area, in a demanding and rewarding environment"



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.

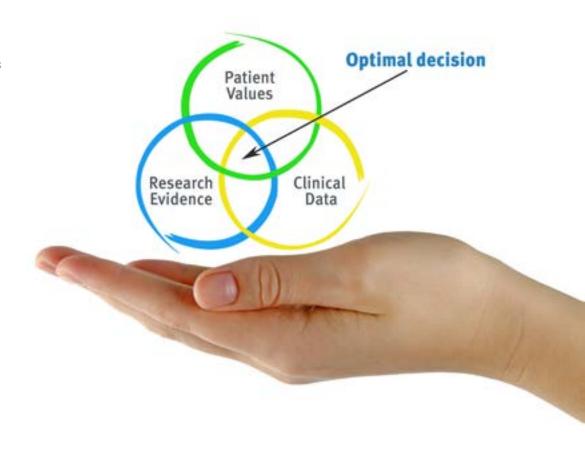


# tech 56 | Methodology

# 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. Physiotherapists/kinesiologists 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 of professional physiotherapy 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. Physiotherapists/kinesiologists 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 physiotherapist/kinesiologist 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.

The physiotherapist/kinesiologist 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.





# Methodology | 59 tech

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 we trained more than 65,000 physiotherapists/kinesiologists with unprecedented success in all clinical specialties, regardless of the workload. 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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 our learning system is 8.01, according to the highest international standards.

# tech 60 | Methodology

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 really 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.



# **Physiotherapy Techniques and Procedures on Video**

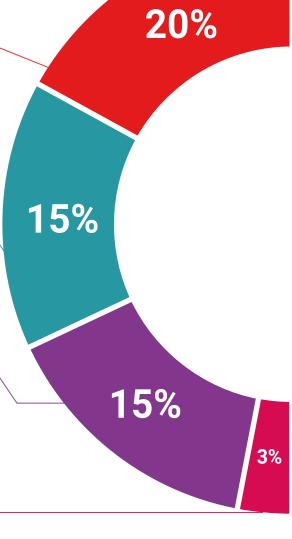
TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current Physiotherapy techniques and procedures. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you want.



### **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 unique multimedia content presentation training system 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.

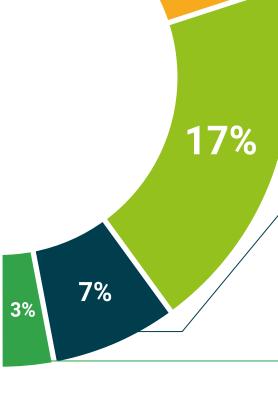
The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



### **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.





20%





# tech 64 | Certificate

This private qualification will allow you to obtain a **Hybrid Master's Degree diploma in Sports Physiotherapy** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

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

Title: Hybrid Master's Degree in Sports Physiotherapy

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

Recognition: 60 + 4 ECTS Credits





<sup>\*</sup>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.

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