

# Postgraduate Diploma

Dissemination and Transfer  
of Research Results



## Postgraduate Diploma Dissemination and Transfer of Research Results

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

Website: [www.techtitute.com/pk/physiotherapy/postgraduate-diploma/postgraduate-diploma-dissemination-transfer-research-results](http://www.techtitute.com/pk/physiotherapy/postgraduate-diploma/postgraduate-diploma-dissemination-transfer-research-results)

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# 01

# Introduction

In the physiotherapeutic field and in the rest of disciplines, research is fundamental to glimpse the uncertainties in services and new intervention tools. In addition, one of the most important stages of the scientific process is the last one, since it is here that the Dissemination and Transfer of the Results of a study are developed. Without it, advances would not be known and, therefore, could not be applied in the real scenario of the profession. Therefore, public and private organizations increasingly demand specialists who have all the knowledge in research and know the latest incorporations of digital dissemination. In response to this update, TECH has developed a 100% online degree designed for graduates in Physiotherapy and other health professionals interested in promoting scientific studies through a program adapted to new technologies.





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*With this Postgraduate Diploma you will obtain all the techniques you need to carry out a successful dissemination in just 6 months”*

Sharing the results of a study with other professionals in the same field is essential for expert collaboration and hypothesis confirmation. Furthermore, the last phase of the research process cannot be conceived without dissemination. In this function, new technologies play a strategic role. Tik Tok, Youtube, Instagram and Twitter are some of the applications and digital platforms that are used for scientific dissemination on a daily basis. Their advantages correspond to speed, universal access and the attention of individuals who are regular users.

In this technological paradigm, it is necessary that the specialists who carry out the research also have knowledge of the protection and transfers of the results through the Internet. In this sense, TECH has developed a complete and rigorous degree designed for graduates in Physiotherapy and other professionals in the Health Sciences who wish to improve their skills in both the dissemination of results and their transmission in a legible and simple way.

All this is concentrated in the contents of this Postgraduate Diploma. A program that has a 100% online mode to offer freedom to enrolled students and let them choose the pace of the degree. In this way, and thanks to the incorporation of innovative pedagogical tools that TECH applies in all its programs, specialists will enjoy an enriching, fast and effective experience. In addition, the university has incorporated 450 hours of audiovisual materials such as video summaries, activities and simulation of real cases, which make learning a dynamic process with great flexibility.

This **Postgraduate Diploma in Dissemination and Transfer of Research Results** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ◆ Case studies presented by experts in Health Sciences Research
- ◆ The graphic, schematic, and practical contents with which they are created, provide medical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where the self-assessment process can be carried out to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*With TECH you are closer to being part of the group of specialists who are at the forefront of scientific studies in Physiotherapy"*

“

*Be part of the new advances in your discipline as a physiotherapist, who a multidisciplinary character, and masters the patents of research projects"*

The program's teaching staff includes professionals from the sector who contribute their work experience to this program, in addition to renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

*Apply the latest tools in dissemination and understand the importance of social media in a digital paradigm in continuous progress.*

*Do you want to master the dissemination and dissemination to make your physiotherapeutic your physiotherapeutic studies? Achieve it quickly and easily, in just 6 months, with TECH.*



# 02 Objectives

This program has been designed under the fundamentals of a group of experts who instruct graduates in Physiotherapy, among other health branches, so that they will be more competitive in the labor and business environment with the latest technological tools. In this way, the specialist will investigate the generation of results of scientific studies and the ins and outs of physiotherapeutic research with guarantees of success. All thanks to the support of experienced teachers in the area, and audiovisual materials in different formats that complement the degree and make the study and make the study more dynamic.







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*Achieve your goal, renew your knowledge in the dissemination of scientific results with this Postgraduate Diploma at the click of a button”*



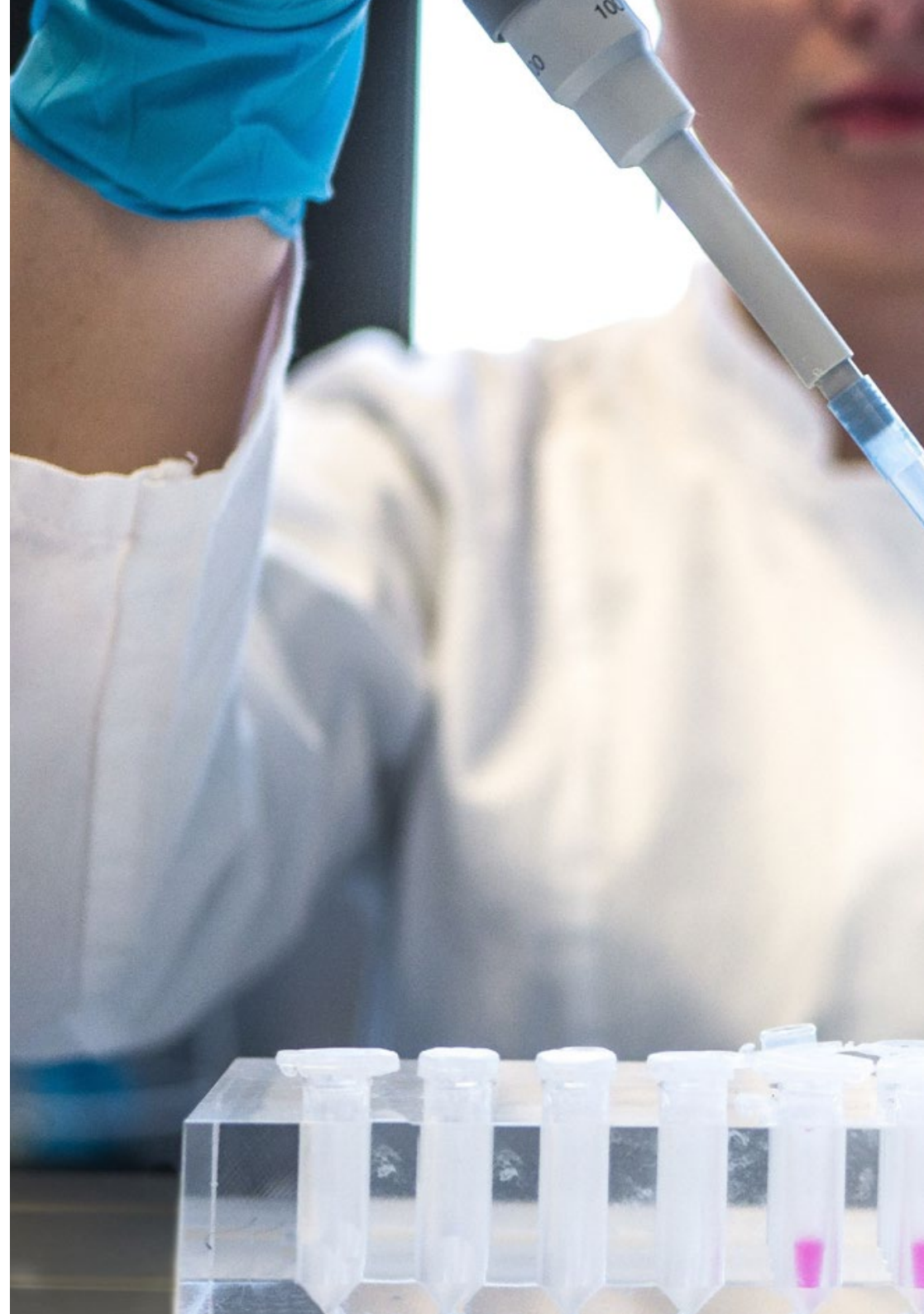
## General Objectives

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- ◆ Adequately formulate a question or problem to be solved
- ◆ Rate the state of the art of the problem through literature search
- ◆ Assess the feasibility of the potential project
- ◆ Draft projects in accordance with the different calls for proposals
- ◆ Look for A Funding Model
- ◆ Master the necessary data analysis tools
- ◆ Writing scientific articles (papers) for the daily magazines
- ◆ Identify the main tools for dissemination to the non-specialized public

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*Don't miss the opportunity to be updated on the writing of papers, articles and posters according to the convocation for which you apply for"*





## Specific Objectives

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### **Module 1. Dissemination of Results I: Reports, Memos and Scientific Articles**

- ◆ Learn the various ways of disseminating results
- ◆ Internalize how to write reports
- ◆ Learn how to write for a specialized journal

### **Module 2. Dissemination of Results II: Symposia, congresses, dissemination to society**

- ◆ Learn how to generate a poster at a congress
- ◆ Learn how to prepare different communications of different times
- ◆ Learning how to turn a scientific paper into dissemination material

### **Module 3. Protection and Transfer of Results**

- ◆ Introduction professional to the world of protection of results
- ◆ Know in depth about patents and similar
- ◆ Delve into the possibilities of company creation



# 03

# Course Management

TECH has turned to experts in Health Sciences who are developing their own and collaborative research projects, so that students can count on a prestigious figure with whom they can update their knowledge. The selection of the experts was carefully made so that the students not only gain theoretical knowledge by enrolling in this program, but can also enjoy the advice and guidance of a team that has developed over the years in the sector. In addition, students will be able to contact them through a direct communication channel through which they will be able to discuss and solve all their questions in relation to the syllabus.



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*You can already count on the support of a teaching team versed in Health Sciences, so that you can adopt their advice in the development of your own studies"*

## Management



### Dr. López-Collazo, Eduardo

- ♦ Scientific Deputy Director in the Institute for Health Research the Health Research Institute of La Paz University Hospital
- ♦ Head of the Department of Immune Response and Infectious Diseases at IdiPAZ
- ♦ Head of the Department of Immune Response, Tumors and Immunology at IdiPAZ
- ♦ President of the IdiPAZ Research Commission
- ♦ Sponsor of the External Scientific Committee of the Murcian Institute of Health Research
- ♦ Member of the Scientific Commission of FIDE
- ♦ Editor of the international scientific journal "Mediators of Inflammation"
- ♦ Editor of the international scientific journal "Frontiers of Immunology"
- ♦ Coordinator of IdiPAZ Platforms
- ♦ Coordinator of Health Research Funds in the areas of Cancer, Infectious Diseases and HIV
- ♦ PhD in Nuclear Physics, University of La Habana
- ♦ Doctorate in Pharmacy from the Complutense University of Madrid



## Professors

### Dr. Avendaño Ortiz, José

- ◆ "Sara Borrell" Researcher Foundation for Biomedical Research of the Ramón y Cajal University Hospital (FIBioHRC/IRyCIS)
- ◆ Researcher Foundation for Biomedical Research of La Paz University Hospital (FIBHULP/ IdiPAZ)
- ◆ Researcher HM Hospitals Foundation (FIHM)
- ◆ Graduate in Biomedical Sciences from the University of Lleida
- ◆ Master's Degree in pharmacological research from the Autonomous University of Madrid
- ◆ PhD in Pharmacology and Physiology from the Autonomous University of Madrid

### Dr. del Fresno, Carlos

- ◆ Researcher Specialist in Biochemistry, Molecular Biology and Biomedicine
- ◆ "Michael Servetus" Researcher. Group Leader, Research Institute of the Hospital la Paz (IdiPAZ)
- ◆ Researcher Spanish Association Against Cancer (AECC), National Center for Cardiovascular Research (CNIC- ISCIII)
- ◆ Researcher, National Center for Cardiovascular Research (CNIC- ISCIII)
- ◆ "Sara Borrell" Researcher, National Biotechnology Center (CNIC - ISCIII)
- ◆ PhD in Biochemistry, Molecular Biology and Biomedicine, Autonomous University of Madrid
- ◆ Degree in Biology from the Complutense University of Madrid

# 04

## Structure and Content

The Postgraduate Diploma in Dissemination and Transfer of Research Results is an innovative program taught in a 100% online modality to make it possible to follow it flexibly. TECH offers a complete and rigorous degree program that explores the protection and transfer of results and the generation of discursive resources, among many other aspects. This program is developed in only 6 academic months and has a downloadable reference guide, so that, once the materials have been preserved on their devices, students can have access to them even when they are offline.





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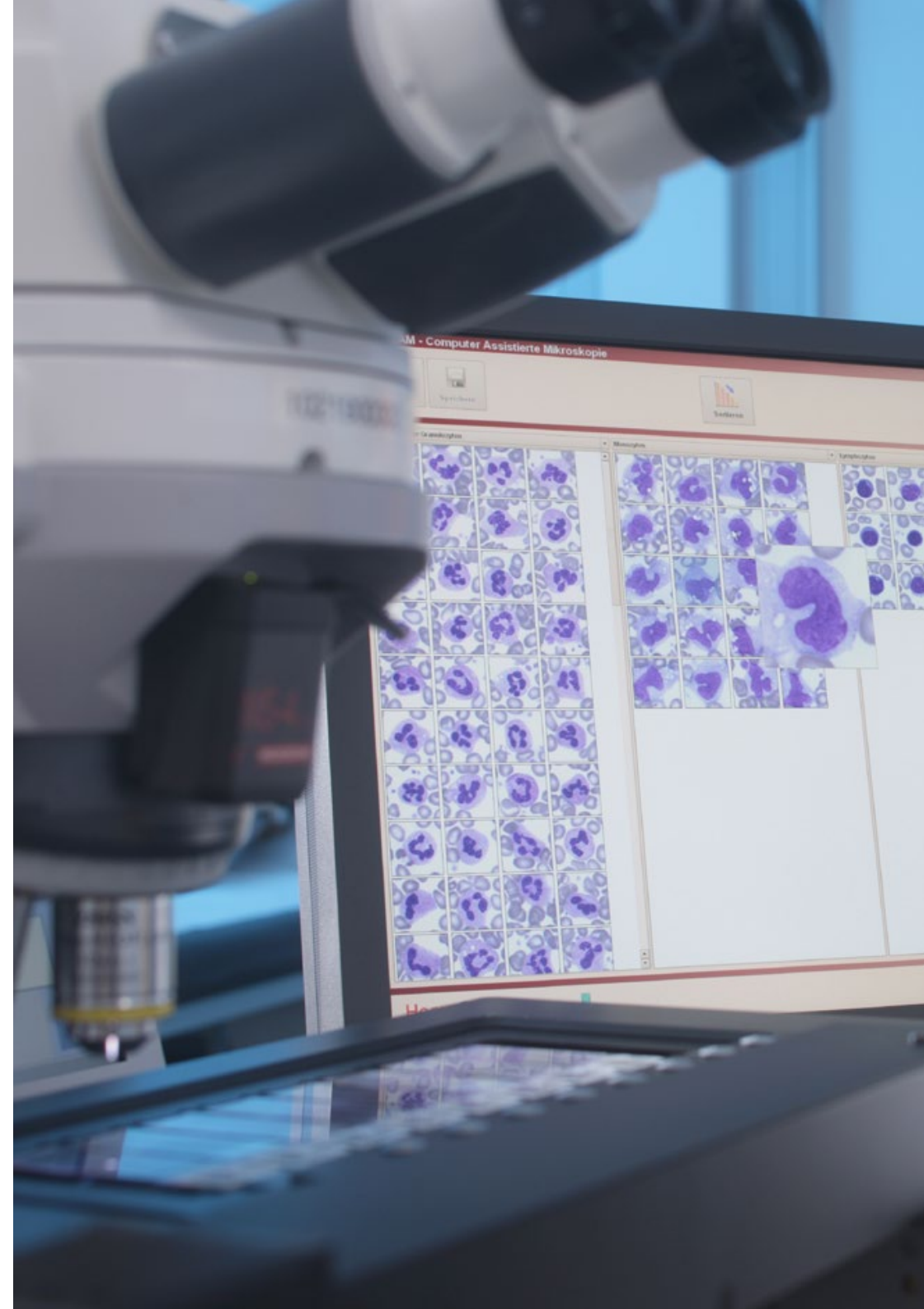
*TECH applies the innovative Relearning methodology so that you are able to assimilate the contents gradually and learn with flexibility under the academic rigor of this university"*

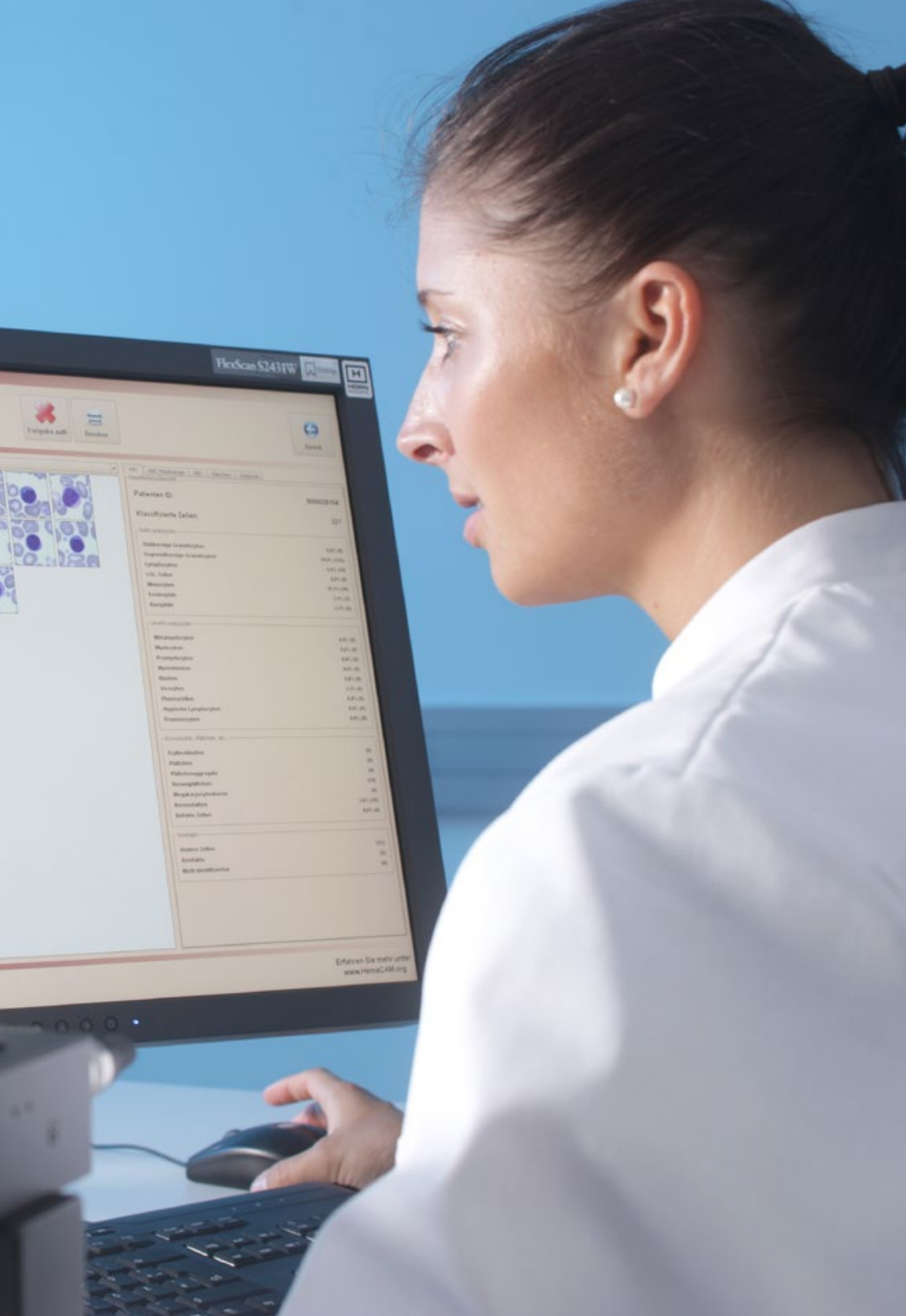
## Module 1. Dissemination of Results I: reports, memoirs and scientific articles

- 1.1. Generating a Scientific Report or Memory of a Project
  - 1.1.1. Optimal Approach to the Discussion
  - 1.1.2. Presentation of the Limitations
- 1.2. Generation of a Scientific Article: How to Write a "Paper on the" Basis of the Data Obtained?
  - 1.2.1. General Structure
  - 1.2.2. Where does the Paper Go?
- 1.3. Where to Start?
  - 1.3.1. Adequate Representation of the Results
- 1.4. Introduction: The Mistake of Starting with this Section
- 1.5. Discussion: The Cusp Moment
- 1.6. The Description of Materials and Methods: The Guaranteed Reproducibility
- 1.7. Choice of the Journal where the Paper is to be submitted
  - 1.7.1. Choice Strategy
  - 1.7.2. Priority List
- 1.8. Adaptation of the Manuscript to the Different Formats
- 1.9. The "Cover Letter": Concise Presentation of the Study to the Editor
- 1.10. How to Respond to Reviewers' Doubts? The Rebuttal Letter

## Module 2. Dissemination of Results II, Symposiums, Congresses and dissemination to Society

- 2.1. Presentation of Results at Congresses and Symposia
  - 2.1.1. How is a Poster Generated?
  - 2.1.2. Data Representation
  - 2.1.3. Focusing the Message
- 2.2. Short Communications
  - 2.2.1. Data Representation for Short Communications
  - 2.2.2. Focusing the Message
- 2.3. The Plenary Lecture: Notes on How to Keep the Attention of the Specialized Audience for More than 20 Minutes
- 2.4. Dissemination to the General Public
  - 2.4.1. Need Vs. Opportunity
  - 2.4.2. Use of References





- 2.5. Use of Social Networks for the Dissemination of Results
- 2.6. How to Adapt Scientific Data to the Popular Language?
- 2.7. Hints for Summarizing a Scientific Paper in a Few Characters
  - 2.7.1. Instant Dissemination via Twitter
- 2.8. How to turn a Scientific Paper into a Dissemination Material?
  - 2.8.1. Podcast
  - 2.8.2. YouTube Videos
  - 2.8.3. Tik Tok
  - 2.8.4. Comic Book
- 2.9. Popular Literature
  - 2.9.1. Columns
  - 2.9.2. Books

### Module 3. Protection and Transfer of Results

- 3.1. Protection of Results: General Aspects
- 3.2. Valorization of the Results of a Research Project
- 3.3. Patents: Pros and Cons
- 3.4. Other Forms of Protection of Results
- 3.5. Transfer of Results to Clinical Practice
- 3.6. Transfer of Results to Industry
- 3.7. The Technology Transfer Contract
- 3.8. Trade Secrets
- 3.9. Generation of Companies Spin-Off from a Research Project
- 3.10. Search for Investment Opportunities in companies Spin-Off

# 05 Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





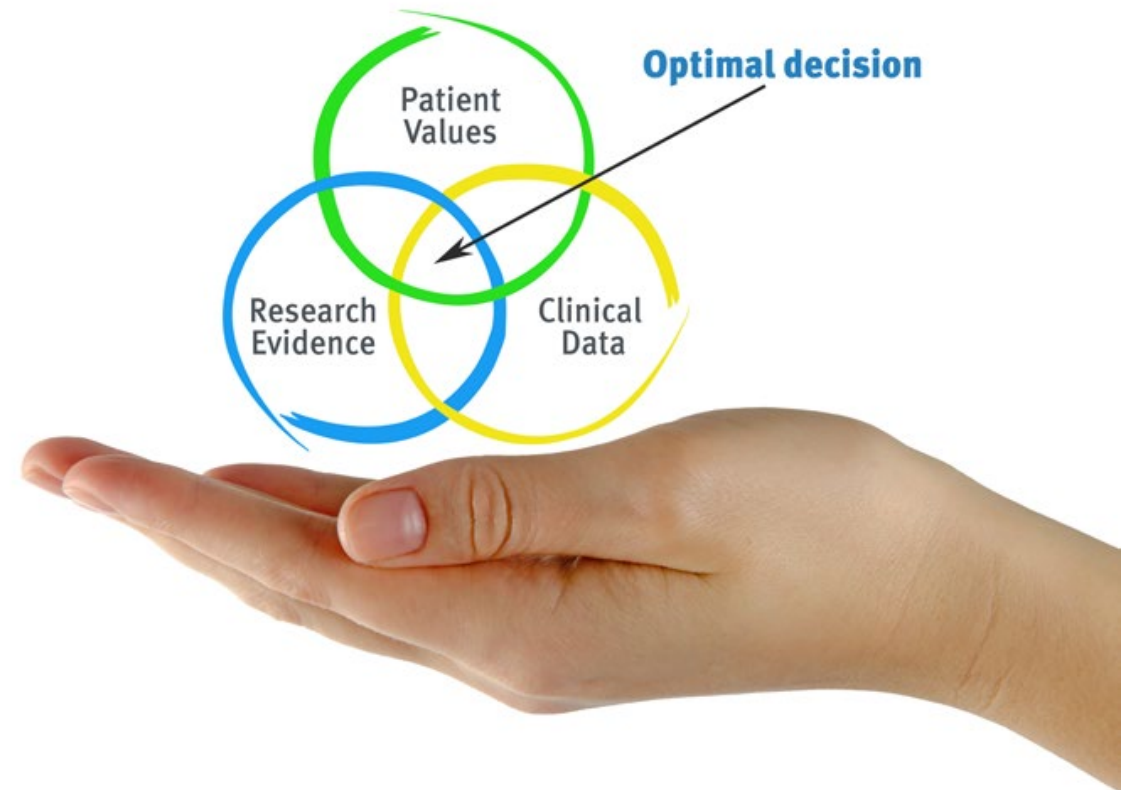
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. 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.

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

The effectiveness of the method is justified by four fundamental achievements:

1. 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.*



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.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### 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 future difficult decisions.



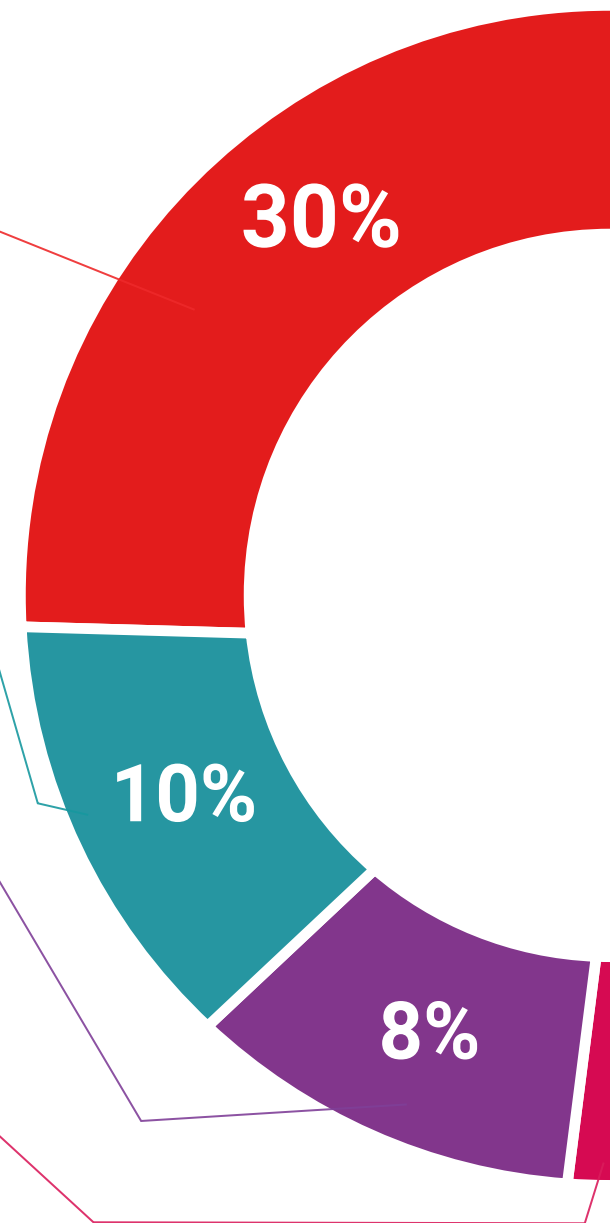
### Practising Skills and Abilities

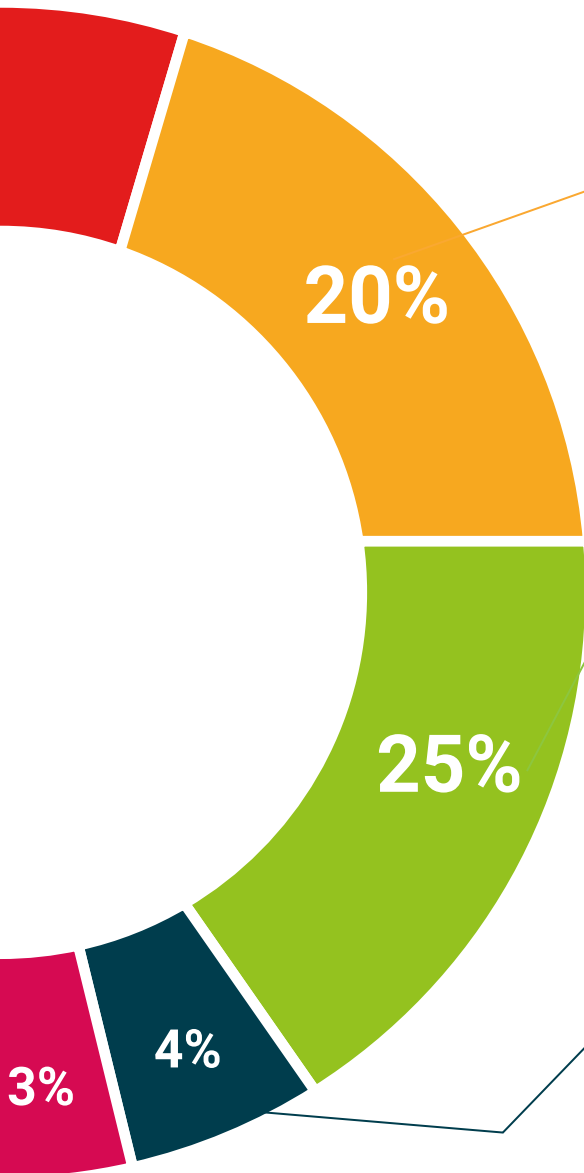
They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### 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.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this situation. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### 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.



# 06 Certificate

The Postgraduate Diploma in Dissemination and Transfer of the Research Results, guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.



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

This **Postgraduate Diploma in Dissemination and Transfer of Research Results** contains the most complete and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Diploma in Dissemination and Transfer of Research Results**

Official N° of Hours: **450 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate 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  
online training  
development languages  
virtual classroom



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