Postgraduate Diploma

Hysteroscopic Surgery

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Postgraduate Diploma

Hysteroscopic Surgery

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

Website: **www.techtitute.com/pk/medicine/postgraduate-diploma/postgraduate-diploma-hysteroscopic-surgery**

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01

Introduction

Training in minimally invasive surgery in gynecology, which includes laparoscopy, hysteroscopy, and pelvic floor surgery, has developed a growing and fundamental importance. Many physicians have delved into this technique by carrying out exhaustive studies in the field, aided by detailed training, precisely because of the insufficient training options available due to the lack of time professionals have to specialize in it. For all these reasons, together with the learning difficulty and technical complexity of the field, constant updating of knowledge is vital, since both instruments and the mini-invasive techniques have experienced exponential development in the last five years, which requires an adequate qualification such as the one provided in this program.

Take advantage of the unique opportunity to be qualified with the most up-to-date content, taught by the best professionals in the field and with the most effective methodology thanks to this Postgraduate Diploma in Hysteroscopic Surgery"

Hysteroscopic surgery requires specific knowledge for its correct practice, so it has implemented new mechanisms and methods with the help of new technologies. For this reason, hospitals and medical institutions are looking for highly trained professionals in the study of the female anatomy, the exploration of the cervix by means of ultrasound-guided devices and minimally invasive processes.

As such, this program is presented as an opportunity for all professionals who are looking for a medical update in the hysteroscopic surgical procedure. In this way, the physician will find within the syllabus several first level audiovisual resources, designed by experts and specialists with extensive professional experience.

This is a 100% online program, with a Relearning methodology based on learning through practical cases and simulation, leaving behind the long hours of memorization and long sessions. It should be noted that, being an online program, the professionals will be able to balance their healthcare work with the educational update, so they will have the facility to accommodate their classes at the times and places of their choice.

This **Postgraduate Diploma in Hysteroscopic Surgery** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- Clinical cases presented by experts in the different specialties.
- Its graphic, schematic and practical contents provide scientific and assistance information on those disciplines essential for the professional practice.
- The latest developments in Hysteroscopic Surgery
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course.
- With a special emphasis on evidence-based medicine and research methodologies in Hysteroscopic Surgery
- 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

Adapt your skills to the new needs of today's medicine with this Postgraduate Diploma in Hysteroscopic Surgery"

This Postgraduate Diploma is the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Hysteroscopic Surgery, you will obtain a qualification endorsed by TECH Technological University"

Increase your decision-making confidence by updating your knowledge with this Postgraduate Diploma in Hysteroscopic Surgery.

Don't miss out on the opportunity to update your knowledge of Hysteroscopic Surgery to improve patient care.

Forming part of the teaching staff is a group of professionals in the field of Hysteroscopic Surgery, who contribute their work experience to this program, as well as a group of renowned specialists, recognized by esteemed scientific communities.

Thanks to its multimedia content developed with the latest educational technology, it will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the physician must try to solve the different professional practice situations that arise throughout the program. To do so, they will be assisted by an innovative interactive video system created by renowned experts in the field of hysteroscopic surgery with extensive teaching experience.

02

Objectives

The main objective of the program is to develop both theoretical and practical learning, so professionals can master surgery studies in a practical and rigorous way.

This refresher program will generate a sense of confidence when practicing medicine and will help you grow both personally and professionally"

General Objectives

- Know all the instruments available to perform endoscopic and hysteroscopic surgery
- Know how to prepare the endoscopic operating room
- Learn about general aspects as ergonomics in the laparoscopic and electrosurgical operating room to be used in gynecological procedures
- Gain detailed knowledge of female pelvic and abdominal anatomy
- Learn hysteroscopic techniques and their application in uterine pathology
- Establish a series of alternatives to manage benign breast pathology
- Learn how to manage endometriosis endoscopically
- Know the different advanced techniques in gynecologic oncology for minimally invasive treatment
- Provide tools to resolve complications in gynecologic endoscopy

Specific Objectives

Module 1. Minimally Invasive Surgery

- Delve deeper into the history of laparoscopy
- Gain a deeper understanding of how to prepare the endoscopic operating room
- Know the correct postural factors and ergonomics
- Approach the management of patients pre- and post-operatively
- Know the details of conventional laparoscopic operating rooms
- Determine the anesthetic and recovery details of patients
- Learn *Fast-Track* postoperative management and the ERAS protocol
- Describe the main features irrigation and suction systems

Module 2. Female Surgical Anatomy

- Review the anatomy of the abdominal wall
- Review the anatomy of the pelvic and abdominal visceral system, including the upper abdomen
- Refresh understanding of pelvic vascular system anatomy and review the para-aortic vascular system and the vena cava
- Identify the different parts of the lymphatic system and their detailed laparoscopic management
- Learn about the functional anatomy of the female pelvic floor
- Determine vulvo-vaginal area exploration and its relation to pelvic floor pathology
- Study sympathetic and parasympathetic nerve anatomy of the female pelvis

Module 3. Hysteroscopic Surgery

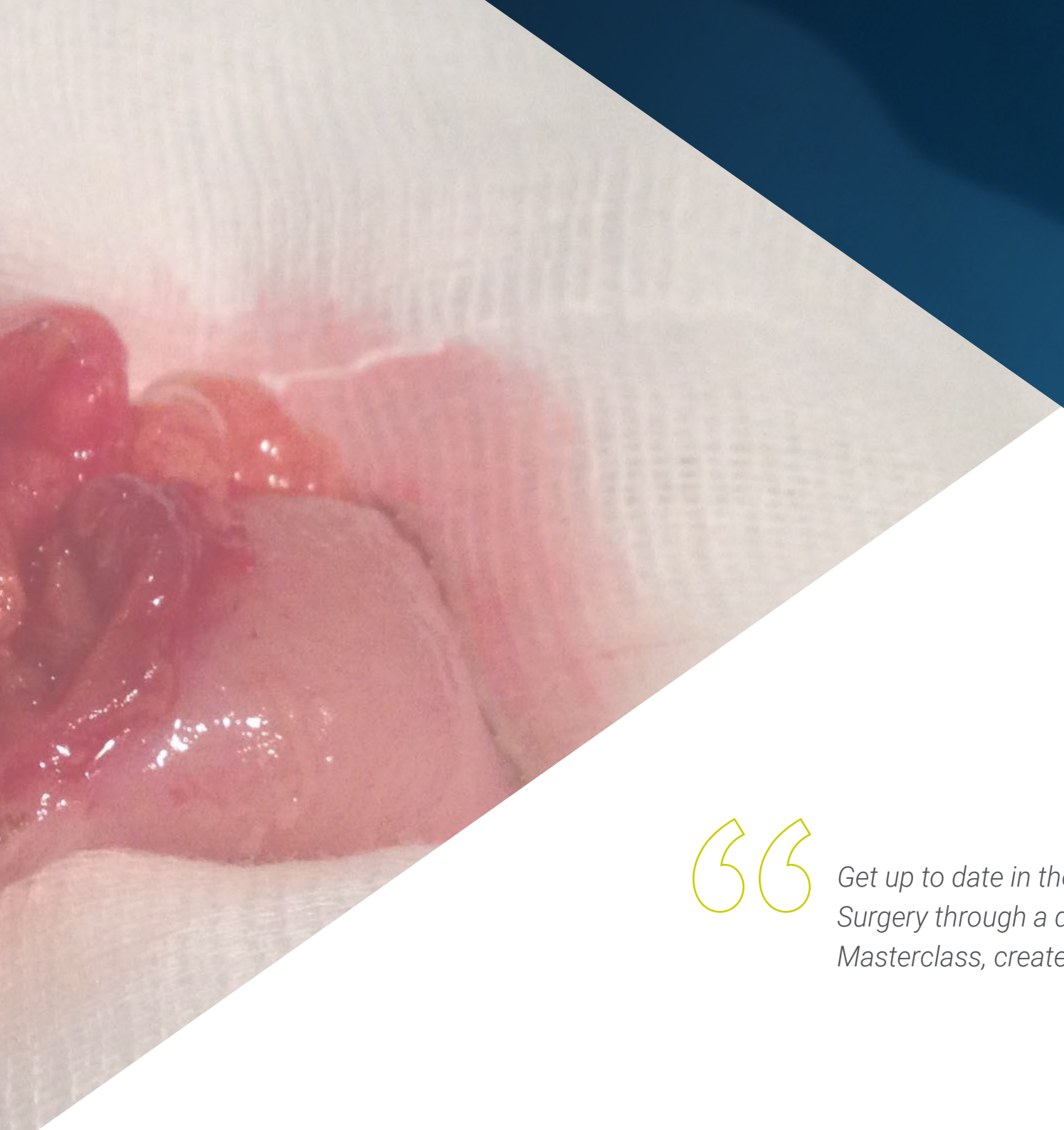
- Prepare the material for diagnostic and surgical hysteroscopy
- Update the new technological advances in hysteroscopy, such as morcellators, lasers and endometrial ablation systems
- Describe the tools to perform hysteroscopy in the office
- Acquire up-to-date knowledge of the literature on advances in hysteroscopy
- Explain advanced techniques, such as malformation treatment or hysteroscopic myomectomy
- Improve success rate in consultation
- Acquire up-to-date knowledge of the indications for office or surgical hysteroscopy
- Learn the latest developments in hysteroscopic surgery
- Acquire skills to resolve hysteroscopic complications, typical of the technique, such as perforations or vasovagal syndrome
- Identify the different techniques used in uterine morcellation and myoma morcellation laparoscopically in a watertight manner to avoid the possibility of dissemination in case of uterine sarcoma
- Select the different endoscopy applications within the different modalities of complexity in hysterectomy
- Acquire up-to-date knowledge of the use of laparoscopy in uterine malformations and their resolution
- Incorporate the advances of the laparoscopic neovagina technique
- Incorporate theoretical knowledge related to vaginal vault dehiscence
- Identify the different types of uterine mobilizers
- Acquire up-to-date knowledge of the evaluation procedures for pelvic floor defects
- Acquire up-to-date knowledge of procedures to manage ectopic pregnancy using laparoscopy
- Acquire up-to-date knowledge of procedures to manage ovarian torsion using laparoscopy
- Acquire up-to-date knowledge of the procedures to manage pelvic infections using laparoscopy
- Establish the strategy to adequately access the abdominal cavity
- Describe the process of taking an exploratory biopsy and abdominal cytology using laparoscopy
- Acquire up-to-date knowledge of the laparoscopic management of ovarian remnant syndrome
- Update the procedures to manage uterine fibroids
- Establish the strategy to reduce bleeding in laparoscopic myomectomy

Take the opportunity and get up to date on the latest developments in Hysteroscopic Surgery"

03

Course Management

With a teaching staff of international prestige at both academic and clinical level, this Postgraduate Diploma is proposed as a safe and quality alternative to update in the most recent postulates in Hysteroscopic Surgery. Its decades of experience dedicated to the approach of all types of oncologic pathologies gives a distinctive plus of quality to all the contents offered.



Get up to date in the techniques of Hysteroscopic Surgery through a detailed and exhaustive Masterclass, created by international referents"

International Guest Director

As one of the pioneer surgeons in Brazil by introducing advanced techniques of **Laparoscopic Oncologic Surgery** in Paraná, Dr. Reitan Ribeiro is one of the most prolific figures in this specialty. So much so that he has even received recognition as a**n honorary citizen** of the city of Curitiba, highlighting his work in the creation and development of the technique of **Uterine Transposition.**

The IJGC, International Journal of Gynecologic Cancer, has also recognized the outstanding work of Dr. Reitan Ribeiro. His publications on **Uterine Robotic Transposition in Cervical Cancer,** Uterine Transposition after Radical Trachelectomy and directed research in the technique of Uterine Transposition for patients with gynecological cancers who want to preserve fertility are highlighted. He has received the **national award for medical innovation** for his research in the field of Uterine Transposition, highlighting these advances in the preservation of the patient's fertility.

His professional career is not without success, as he holds **numerous positions of responsibility** in the prestigious Erasto Gaertner Hospital. He directs the research program in Gynecologic Oncology of this center, being also director of the Fellowship program in this specialty, in addition to coordinating the training program in Robotic Surgery focused on Gynecologic Oncology.

At the academic level, he has completed internships at numerous prestigious centers, including Memorial Sloan Kettering Cancer Center, McGuill University and the National Cancer Institute of Brazil. He balances his clinical responsibilities with consulting work for leading medical and pharmaceutical companies, mainly Johnson & Johnson and Merck Sharp & Dohme.

Dr. Ribeiro, Reitan

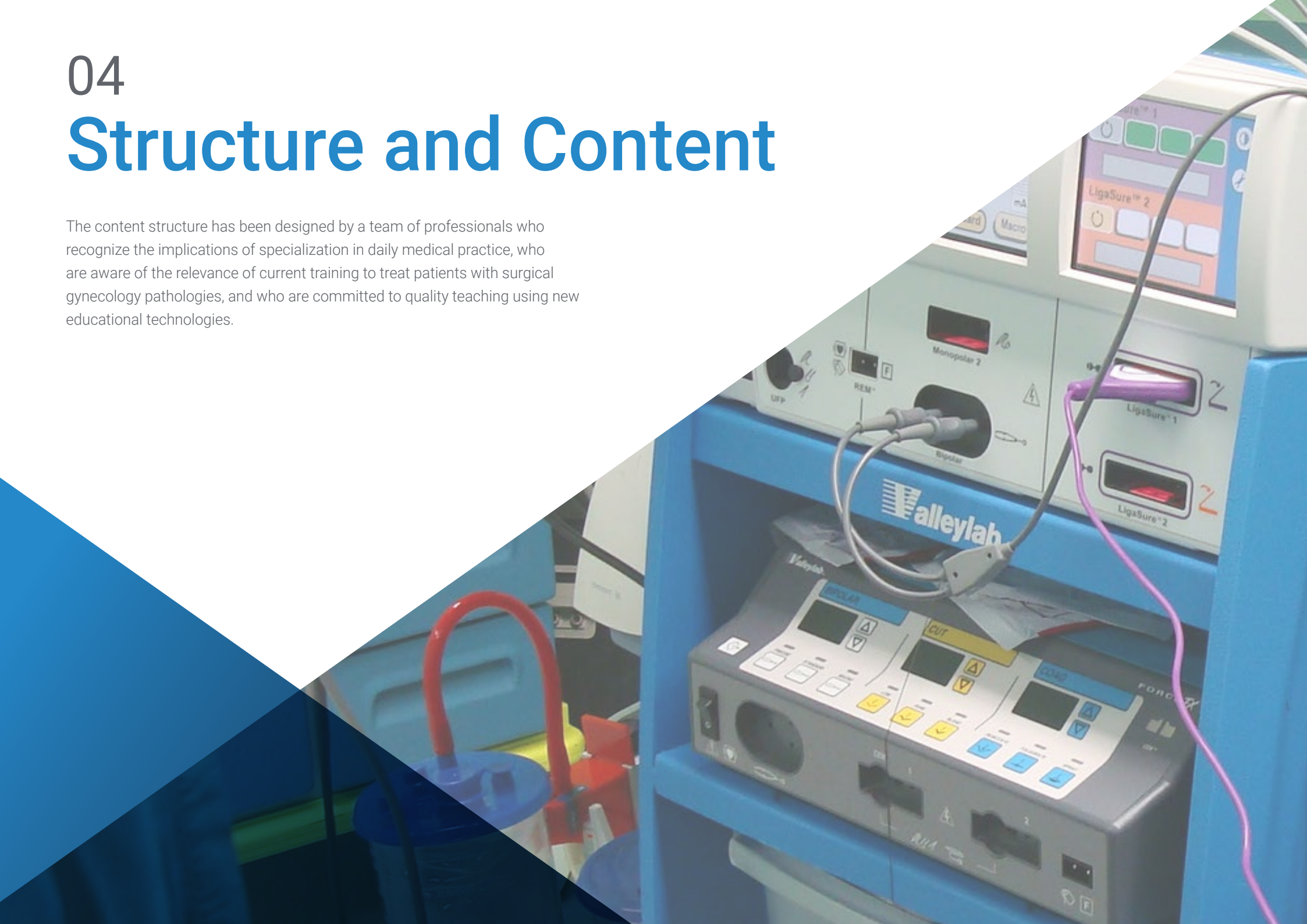
- Research Director, Gynecologic Oncology Department - Erasto Gaertner Hospital - Brazil
- Director of the Fellowship Program in Gynecologic Oncology at the Erasto Gaertner Hospital.
- Director of the Robotic Surgery Training Program of the Gynecologic Oncology Oncology Department of the Erasto Gaertner Hospital.
- Senior Surgeon in the Department of Gynecologic Oncology, Erastus Gaertner Hospital.
- Director of the Resident Oncologist Program at the Erasto Gaertner Hospital.
- Consultant at Johnson & Johnson and Merck Sharp & Dohme
- Degree in Medicine at the Federal University of Porto Alegre
- Fellowship in Gynecologic Oncologic Surgery at Memorial Sloan Kettering Cancer Center
- Fellowship in Minimally Invasive Surgery, McGuill University
- Internships at Governador Celso Ramos Hospital, National Cancer Institute of Brazil and Erasto Gaertner Hospital.
- Certification in Oncologic Surgery by the Oncologic Surgery Society of Brazil.

Thanks to TECH you will be able to learn with the best professionals in the world"

04

Structure and Content

The content structure has been designed by a team of professionals who recognize the implications of specialization in daily medical practice, who are aware of the relevance of current training to treat patients with surgical gynecology pathologies, and who are committed to quality teaching using new educational technologies.



Improve your career opportunities and open doors in the medical field, improving your knowledge in Hysteroscopic Surgery"

Module 1. Minimally Invasive Surgery

1.1. General Introduction
1.2. History of Laparoscopy
1.3. Introduction to Hysteroscopic Surgery
1.4. Ergonomics in Laparoscopy
1.5. Asepsis and Antisepsis
  1.5.1 Hand Washing
  1.5.2 Preparing Instrumentation: Sterilization.
  1.5.3 Preparing the Surgical Field
    1.5.3.1. Skin Cleansing
    1.5.3.2. Proper Cloth Placement
1.6. Laparoscopic Operating Room
  1.6.1 Conventional Operating Rooms
  1.6.2 Integrated Operating Rooms
  1.6.3 Future Perspectives
1.7. Preoperative Preparation for Laparoscopy
  1.7.1 Physical Preparation for Patients
  1.7.2 Preoperative Medication and Bowel Preparation
  1.7.3 Patient Position on the Operating Table
1.8. *Fast-Track*/ ERAS Program
1.9. Anesthetic Considerations in Endoscopic Surgery
  1.9.1 General Aspects
  1.9.2 Circulatory System Involvement
  1.9.3 Respiratory System Involvement
  1.9.4 Spinal Catheter Placement and Other Blockages
  1.9.5 Postoperative Recovery

Module 2. Female Surgical Anatomy

2.1. Anatomy of the Abdominal Wall
2.2. Musculo-Fascial Anatomy of the Female Pelvis
2.3. Visceral System of the Upper Abdomen
  2.3.1 Diaphragm
  2.3.2 Liver
  2.3.3 Omentum and Spleen
  2.3.4 Small Intestine, Large Intestine, and Stomach
  2.3.5 Rest of Organs in Upper Abdomen
2.4. Pelvic Visceral System
  2.4.1 Uterus and Ovaries
  2.4.2 Recto and Sigma
  2.4.3 Bladder and Ureters
2.5. Abdomino-Pelvic Vascular System
2.6. Abdominal and Pelvic Nervous System
2.7. Lymphatic System in Abdomen and Pelvis
2.8. Dissection and Limits of Avascular Spaces
2.9. Vascular Anomalies.
  2.9.1 Abnormalities in the Pelvic Area
  2.9.2 Corona Mortis
  2.9.3 Abdominal and Aortic Area Abnormalities
  2.9.4 Use of Preoperative Imaging Techniques
2.10. Anatomy of Vulva and Vagina
2.11. Functional Anatomy of the Pelvic Floor

Module 3. Hysteroscopic Surgery

3.1. Pathophysiology of Genital Prolapse
3.2. Etiopathogenesis of Chronic Pelvic Pain
3.3. Global Assessment of the Patient and the Approach Route
3.4. Prosthetic Materials and Mesh Types
  3.4.1 Types of Material
  3.4.2 Meshes for Genital Prolapses
  3.4.3 Urinary Incontinence Meshes
3.5. Laparoscopic Sacrocolpopexy
  3.5.1 Choosing the Right Mesh
  3.5.2 Surgical Technique
    3.5.2.1. When to Preserve the Uterus
  3.5.3 Technique Complications
  3.5.4 A Learning Curve

3.6. Treatment of Urinary Incontinence
- 3.6.1 Pre-Operative Study
- 3.6.2 Endoscopic Treatment of Incontinence
- 3.6.3 Vaginal Treatment of Incontinence
- 3.6.4 Placement of Mini-Slings
- 3.6.5 Placement of TVT - TOT
- 3.6.6 Other Procedures

3.7. Endoscopic Repair of Paravaginal Defects

3.8. Role of Cystoscopy in Gynecologic Surgery

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

05

Methodology

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

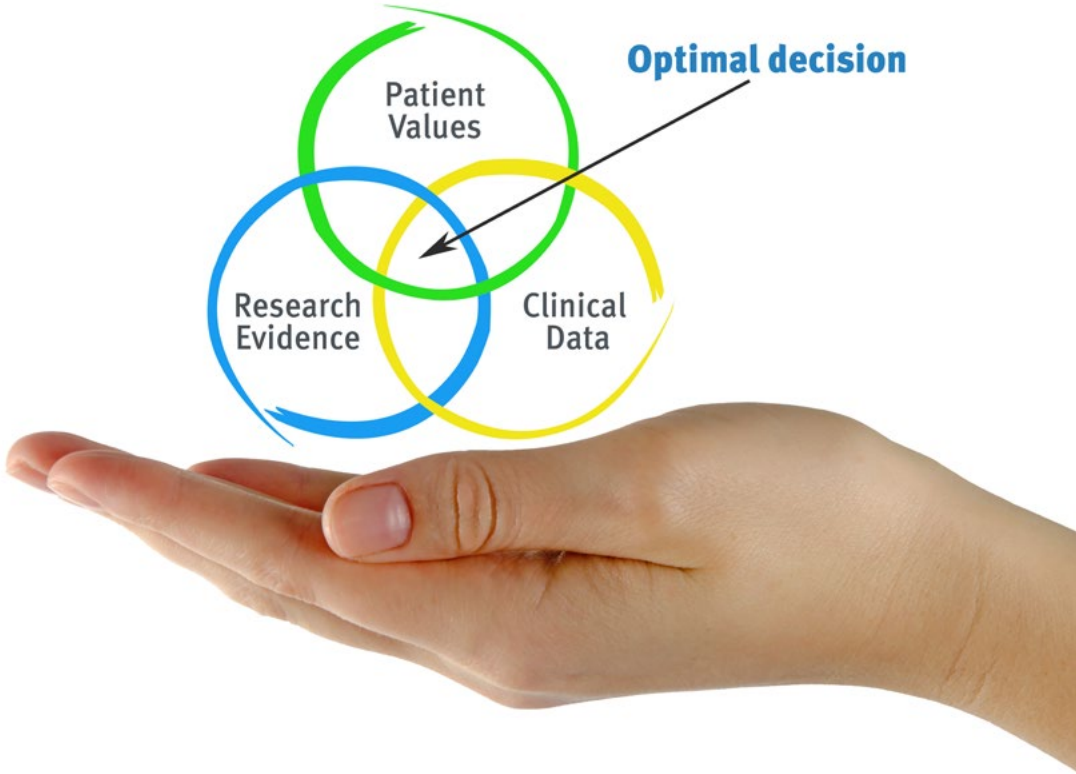
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the ***New England Journal of Medicine*** have considered it to be one of the most effective.

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

At TECH, we use the Case Method

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

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.

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

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

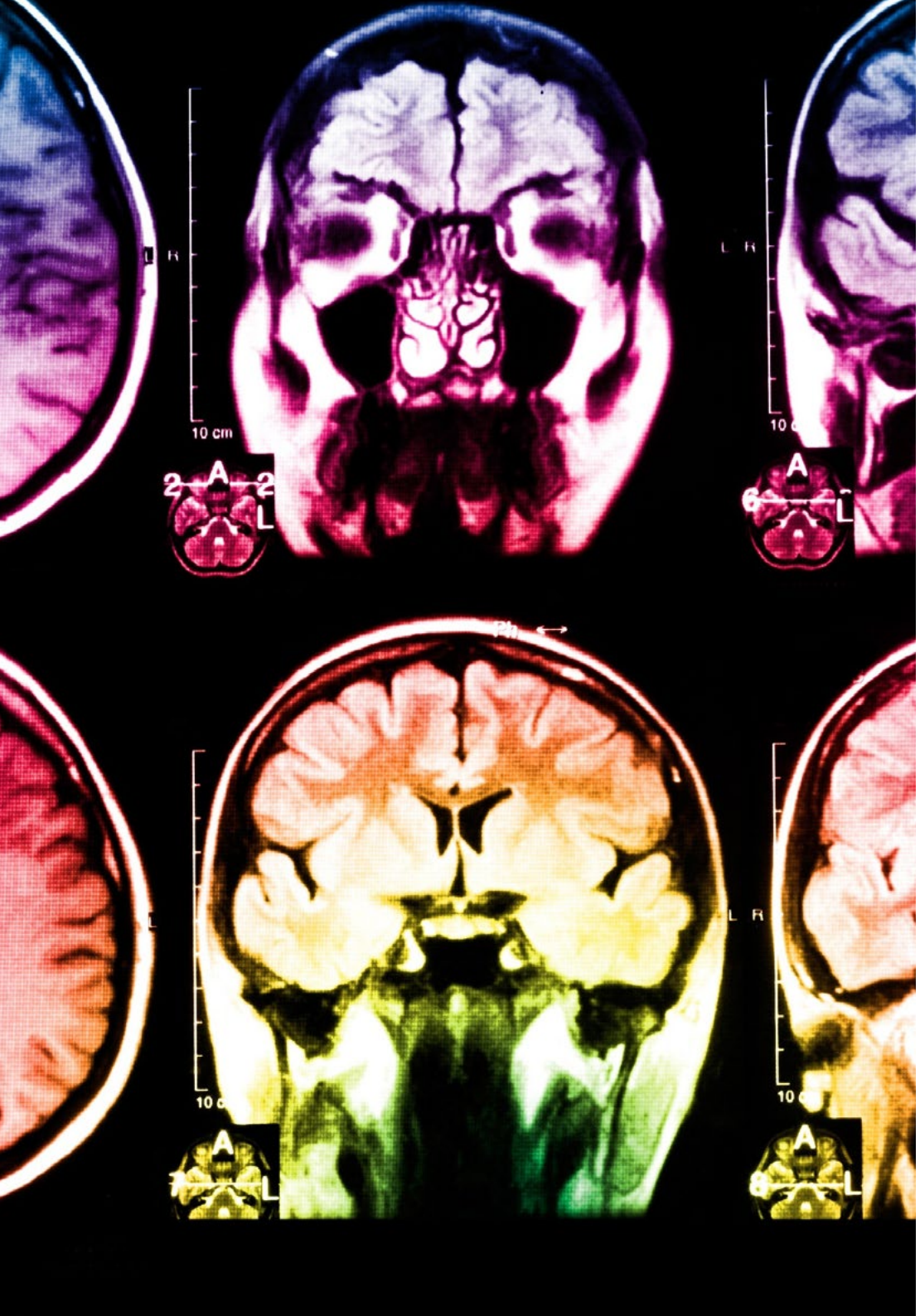
1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been prepared with unprecedented success in all clinical specialties regardless of surgical load. Our educational methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.

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

Study Material

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

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

Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.

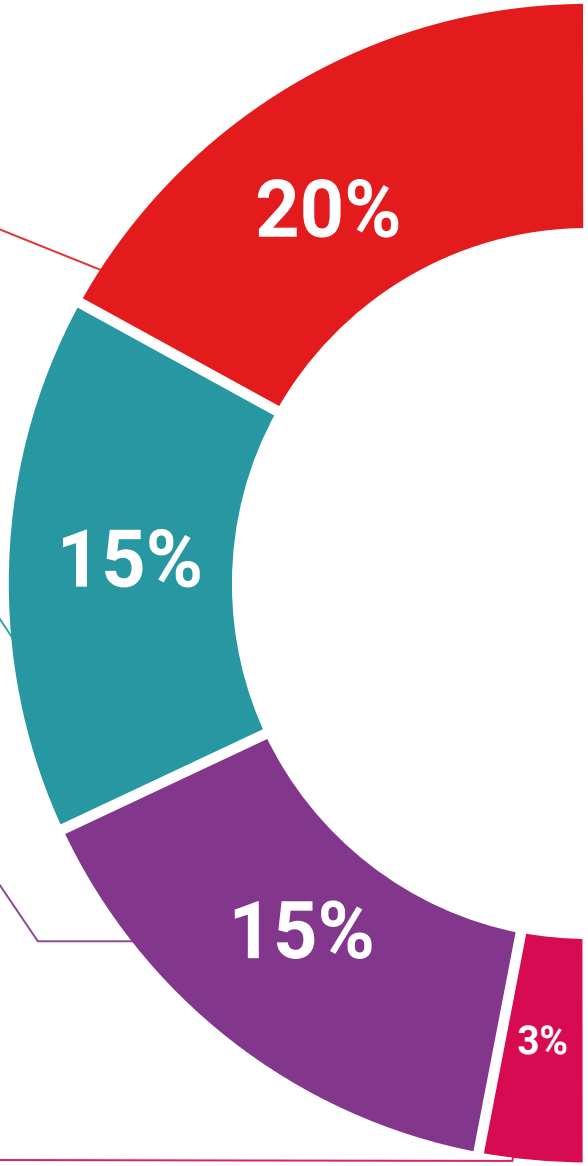
Interactive Summaries

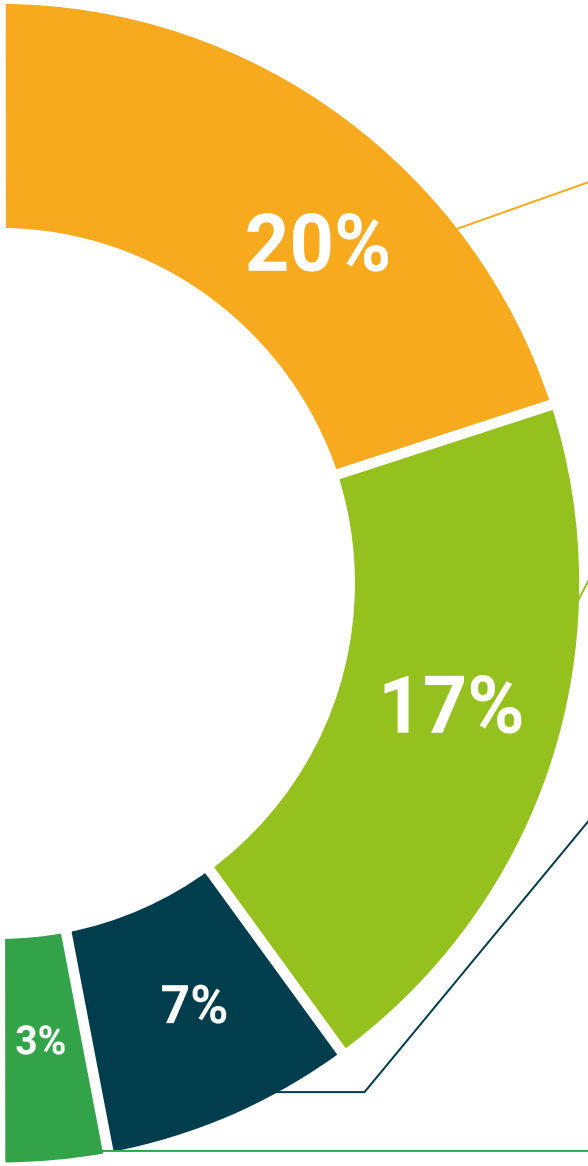
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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

Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.

Testing & Retesting

We periodically assess and re-assess students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical and effective way to help students progress in their learning.

06

Certificate

The Postgraduate Diploma in Hysteroscopic Surgery guarantees students, in addition to the most rigorous and up-to-date education program, access to a Postgraduate Diploma issued by TECH Technological University.

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

This **Postgraduate Diploma in Hysteroscopic Surgery** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate 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 Hysteroscopic Surgery**

Official Nº of Hours: **425 hours.**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C. _____, con documento de identificación nº_____

Por haber superado con éxito y acreditado el programa de

EXPERTO UNIVERSITARIO

en

Cirugía Histeroscópica

Se trata de un título propio de esta Universidad con una duración de 425 horas, con fecha de inicio dd/mm/aaaa y fecha de finalización dd/mm/aaaa.

TECH es una Institución Particular de Educación Superior reconocida por la Secretaría de Educación Pública a partir del 28 de junio de 2018.

A 17 de junio de 2020

Mtra.Tere Guevara Navarro
Rectora

Este título propio se deberá acompañar siempre del título universitario habilitante expedido por la autoridad competente para ejercer profesionalmente en cada país. código único TECH: AFWOR23S techtitute.com/titulos

*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.

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