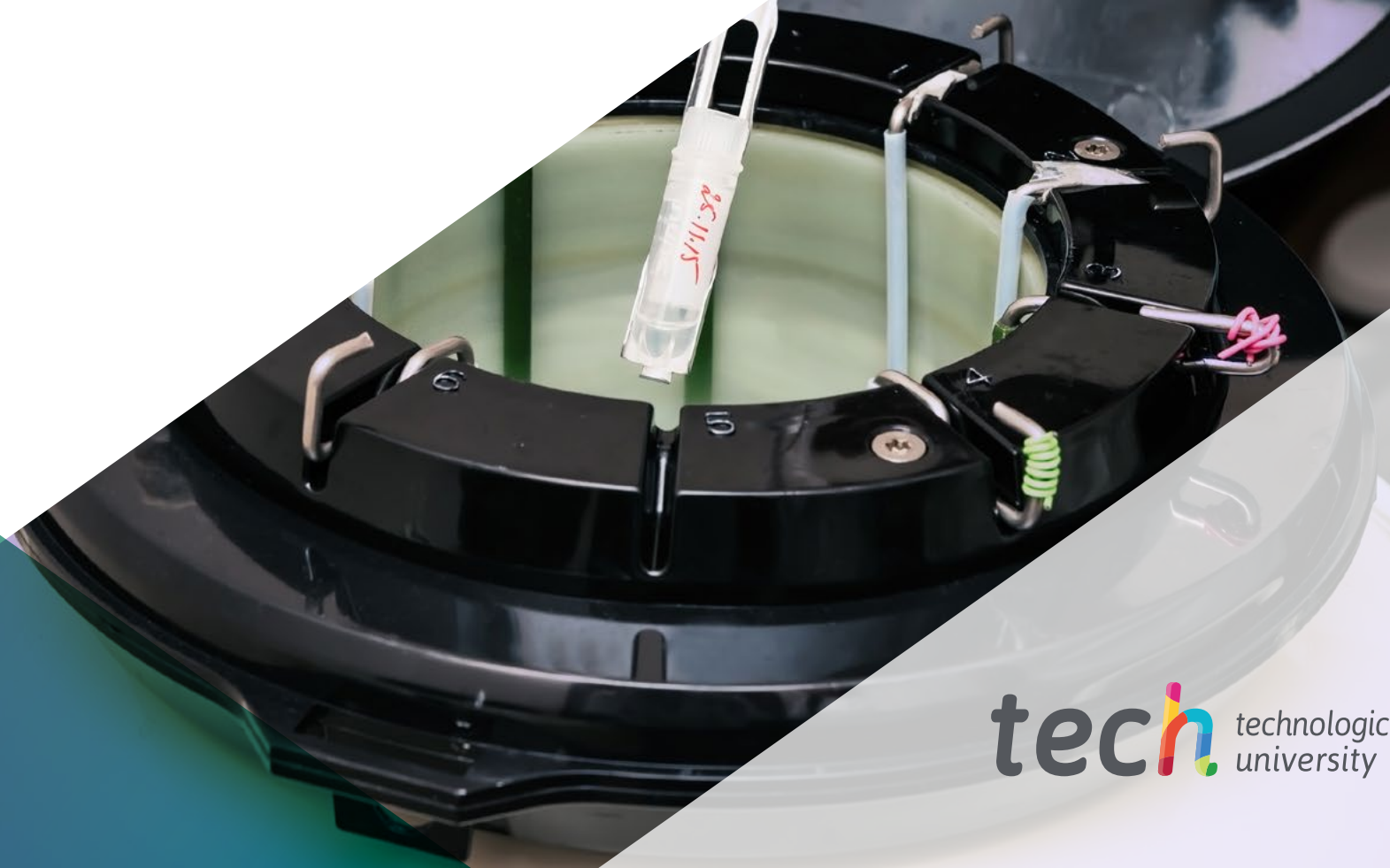


Postgraduate Certificate

Consultations and Donor Banks in Assisted Reproductive Nursing





Postgraduate Certificate Consultations and Donor Banks in Assisted Reproductive Nursing

Course Modality: Online

Duration: 6 weeks

Certificate: TECH Technological University

Official N° of hours: 150 h.

Website: www.techtute.com/us/nursing/postgraduate-certificate/consultations-donor-banks-assisted-reproductive-nursing

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01

Introduction

In this comprehensive program, nurses will acquire all the skills required to work efficiently in the Assisted Reproduction clinic and in the Assisted Reproduction Donor Bank environment. This program will provide you with the necessary qualifications to compete among the best in today's job market.





“

A high-intensity Postgraduate Certificate that prepares nursing professionals in all tasks related to the Consultation and Donor Bank in Assisted Reproductive Nursing"

During this program, you will gain an understanding of how an Assisted Reproduction consultation works. From the moment a new patient or partner arrives until the time of discharge.

Special emphasis will be placed on all those basic tests necessary for the initiation and continuation of treatment (serology, cytology, etc.) and whose results will be decisive in the choice of an Assisted Reproduction treatment, and in other types of intervention such as hormonal tests. You will learn about other types of interesting tests to rule out other problems related to repeated miscarriages.

The fundamental roles played by the nursing service will be explained, encompassing these roles in three areas: assistance, management and education. The main objective is to actively listen to the patient and serve as a bridge between the patient and the different multidisciplinary teams. For this reason we must have all the concepts clear to be able to help and support our patients in an optimal way and to be able to answer in a clear way to all those doubts that occur during the Assisted Reproduction treatment. All those specific hygienic-dietary measures that the patient has to know, from the beginning of the treatment up to the moment of delivery, can be known.

In addition, part of the course will be dedicated to gamete donation: the operation of a gamete bank will be explained, with its tests and requirements, accompanying, informing and reassuring patients who need to receive this specific treatment. The objective of this module is to analyze and address the functions and activities performed by nursing professionals.

This **Postgraduate Certificate in Consultations and Donor Banks in Assisted Reproductive Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ The latest technology in online teaching software
- ◆ A highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand
- ◆ Practical cases presented by practising experts
- ◆ State-of-the-art interactive video systems
- ◆ Teaching supported by telepractice
- ◆ Continuous updating and recycling systems
- ◆ Autonomous learning: full compatibility with other occupations
- ◆ Practical exercises for self-evaluation and learning verification
- ◆ Support groups and educational synergies: questions to the expert, debate and knowledge forums
- ◆ Communication with the teacher and individual reflection work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection
- ◆ Supplementary documentation databases are permanently available, even after the program



With this Postgraduate Certificate you will be able to balance a high-intensity program with your personal and professional life, achieving your goals in a simple and real way”



Learn the intervention protocols and techniques in Consultations and Donor Banks in Assisted Reproductive Nursing and act with the solvency of a high level nursing professional"

Our teaching staff is made up of professionals from different fields related to this specialty. In this way, TECH ensures that it delivers the targeted capacitive update it intends. A multidisciplinary team of professionals trained and experienced in different environments, who will cover the theoretical knowledge in an efficient way, but, above all, will put the practical knowledge derived from their own experience: one of the differential qualities of this course.

This mastery of the subject is complemented by the effectiveness of the methodological design of this Postgraduate Certificate in Consultations and Donor Banks in Assisted Reproductive Nursing. Developed by a multidisciplinary team of experts, it integrates the latest advances in educational technology. In this way, you will be you will be to study with a range of comfortable and versatile multimedia tools that will give you the operability you need for your specialization.

The design of this program is based on Problem-Based Learning: an approach that conceives learning as an eminently practical process. To achieve this remotely, TECH will use telepractice: with the help of an innovative interactive video system and Learning from an Expert, the student will be able to acquire the knowledge as if they were facing the scenario they are learning at that moment. A concept that will allow you to integrate and fix learning in a more realistic and permanent way.

The learning of this Postgraduate Certificate is developed through the most advanced teaching methods in online teaching to guarantee that your effort will have the best possible results.

Our innovative telepractice concept will give you the opportunity to learn through an immersive experience, which will provide you with a faster integration and a much more realistic view of the contents: "Learning from an expert".



02 Objectives

The objective of this program is to provide nursing professionals with the necessary knowledge and skills to perform their activity in the field of Assisted Reproduction. Through a study plan totally adapted to the student, this Postgraduate Certificate will progressively allow you to acquire the skills that will push you towards a much higher professional level.



“

Become one of the most sought after professionals of the moment, with this Postgraduate Certificate in Consultations and Donor Banks in Assisted Reproductive Nursing”



General objectives

- ◆ Broaden specific knowledge of each of the fields of work in assisted reproduction
- ◆ Enable students to be interdependent and problem solvers
- ◆ Facilitate good performance of nursing professionals in order to provide the best care throughout the process

“

A boost to your CV that will give you the competitiveness of the best trained professionals on the scene”





Specific objectives

- ◆ Have the capacity to act appropriately in the Assisted Reproduction and donor bank consultation
- ◆ Schedule, draw and interpret blood tests for infertility testing
- ◆ Know how to perform the intervention in the field of Patient Education
- ◆ Be able to run the management area in the nursing environment in the Assisted Reproduction unit
- ◆ Monitoring of the patient after BHCG result
- ◆ Work in the donor bank in all fields of nursing care
- ◆ Working with SIRHA: Assisted Human Reproduction Information System

03

Course Management

Within the concept of total quality of our program, we are proud to put at your disposal a teaching staff of the highest level, chosen for their proven experience. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.





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An impressive academic staff, made up of professionals from different fields of expertise, will be your teachers during your training: a unique occasion not to be missed".

Management



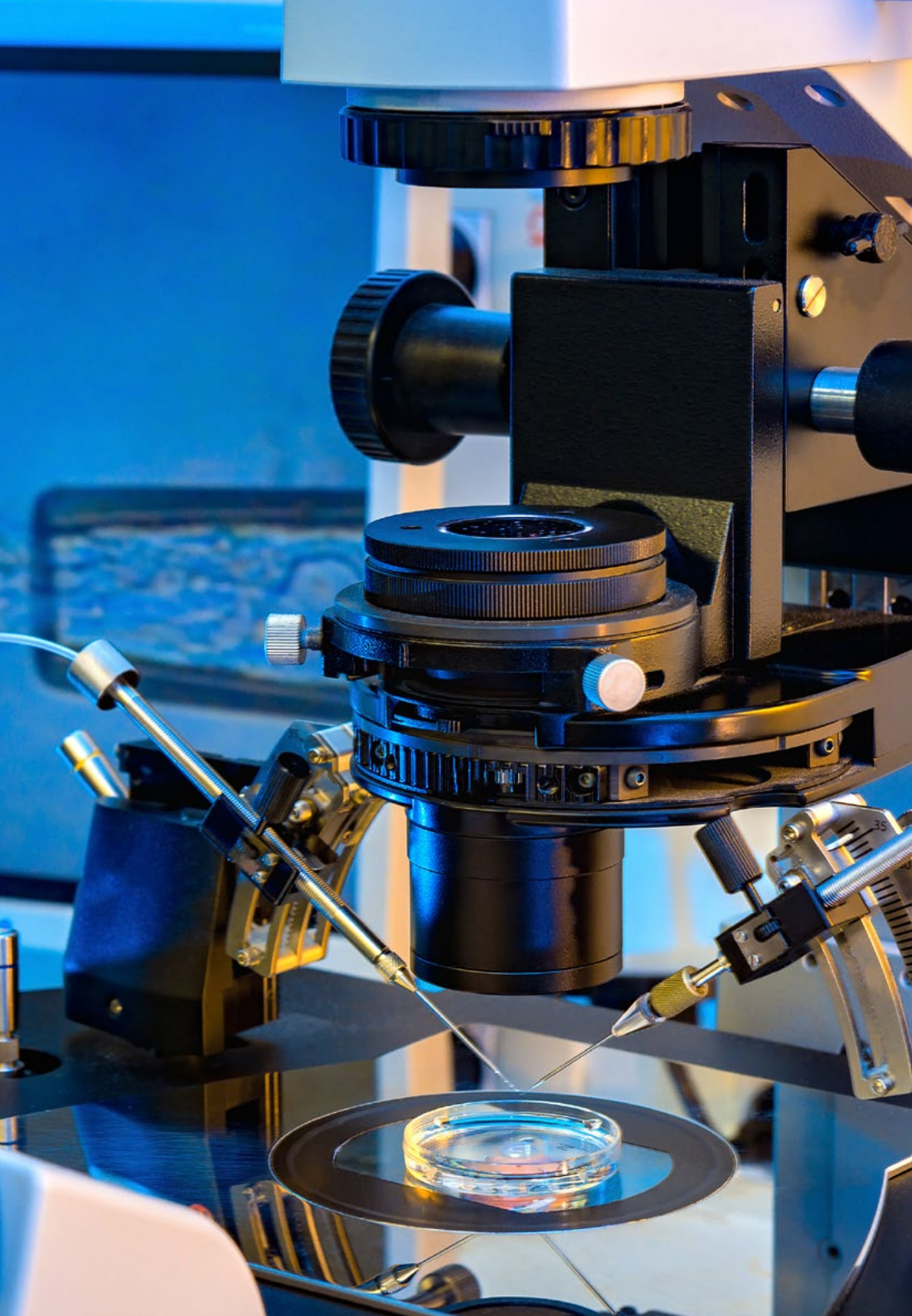
Ms. Agra Bao, Vanesa

- Operating room supervisor at EVA FERTILITY-DORSIA
- Degree in Nursing University of La Coruña
- Postgraduate Diploma in Legal Nursing. UNED
- Official Master's Degree in Occupational Risk Prevention. USP-CEU
- Master's Degree in Physical Activity and Health. Miguel de Cervantes University
- Instructor of Basic Life Support and DESA. SEMICYUC
- Postgraduate Diploma in Surgical Anesthesiology for Nursing. CEU Cardenal Herrera University
- Biosafety and Occupational Risk Prevention in Microbiology Laboratories. SEM
- The male in Assisted Reproduction EVA FERTILITY CLINICS
- Biosafety Laboratories and Research Animal Facilities with Biocontainment Level 3. SEGLA
- Nursing action in traumatic emergencies, poisoning and other urgent situations. DAE



Ms. Boyano Rodríguez, Beatriz

- Embryologist at Clínicas EVA, Madrid
- Postgraduate Diploma in Clinical Genetics, Universidad de Alcalá de Henares, Madrid
- Master's Degree in Assisted Human Reproduction Biotechnology, IVI and University of Valencia
- Postgraduate in Medical Genetics, University of Valencia, Spain
- Degree in Biology, Universidad de Salamanca
- Member of the Association for the Study of Reproductive Biology
- Member of the Spanish Association of Human Genetics



Professors

Ms. Pulido Morcillo, Sara

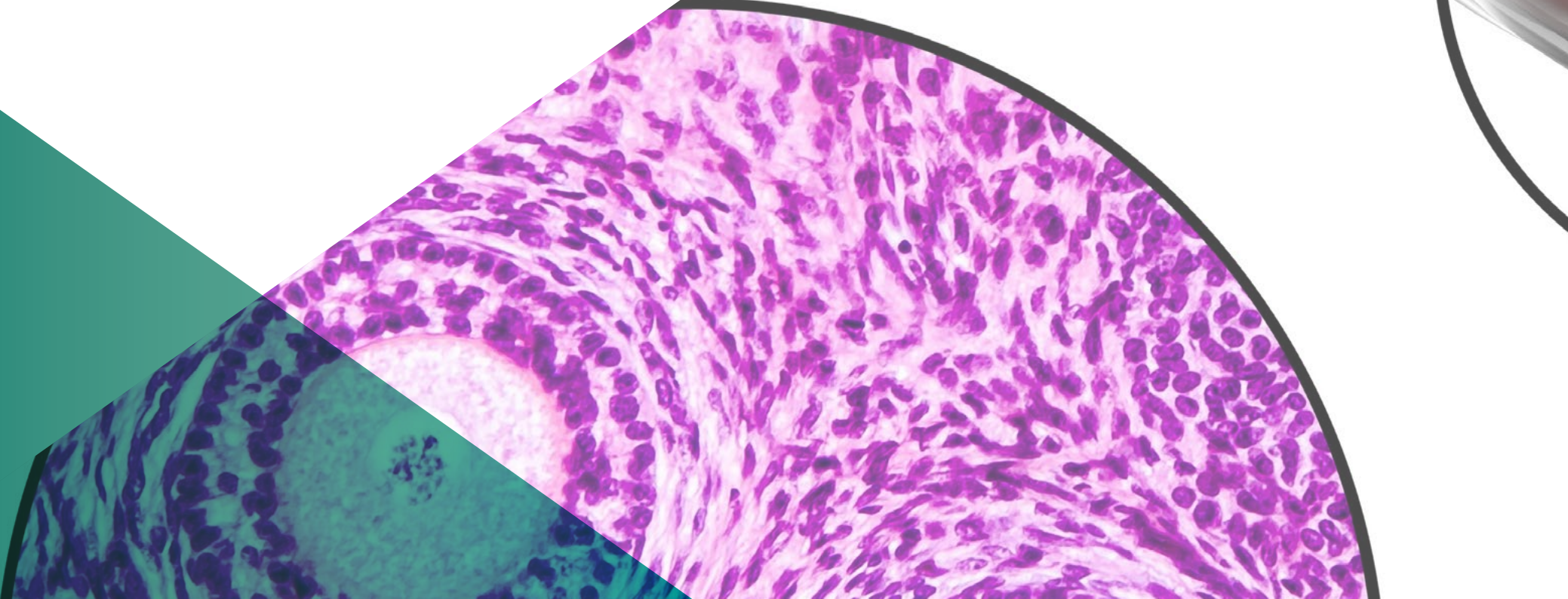
- ◆ Nurse in Assisted Reproduction consultation in the International Department, and in the Assisted Reproduction Operating Room. Eva Clinics, Madrid (since 2019)
- ◆ Graduate in Nursing, Alfonso X El Sabio University (2013)
- ◆ Professional Master's Degree in Intensive Care Nursing (2018)

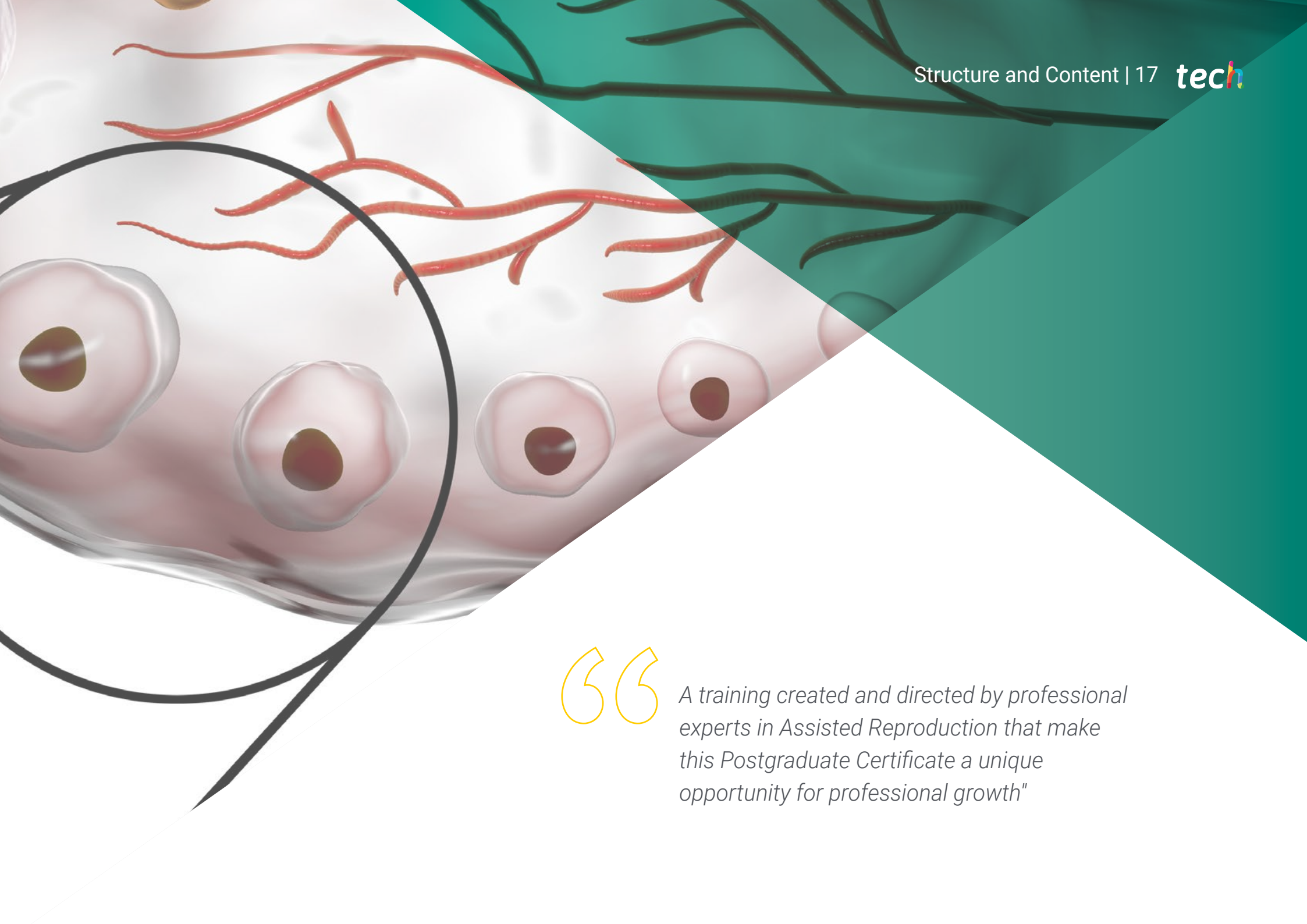
04

Structure and Content

The contents of taught have been developed by the different experts on this course, with a clear purpose: to ensure that our students acquire each and every one of the necessary skills to become true experts in this field.

A complete and well-structured program that will take you to the highest standards of quality and success.





“

A training created and directed by professional experts in Assisted Reproduction that make this Postgraduate Certificate a unique opportunity for professional growth"

Module 1. Assisted Reproduction Consultation and Donor Banks

- 1.1. Importance of the Nurse in the Assisted Reproduction Clinic
 - 1.1.1. Nursing Consultation. An Emerging Requirement
 - 1.1.2. Work Fields Care, Management and Education
 - 1.1.3. The Integral Continuum of Care
- 1.2. Care Area. Follow-Up Consultation
 - 1.2.1. Patient Care in Stimulation Cycles
 - 1.2.2. Folliculometry
 - 1.2.3. Cytology
- 1.3. Blood Tests for Fertility Study. Programming, Interpretation and Extraction
 - 1.3.1. Hypophyseal Hormones or Gonadotropins
 - 1.3.1.1. FSH
 - 1.3.1.2. LH
 - 1.3.1.3. Prolactin
 - 1.3.1.4. TSH
 - 1.3.2. Ovarian Hormones
 - 1.3.2.1. Estradiol
 - 1.3.2.2. Progesterone
 - 1.3.2.3. Antimullerian (HAM)
 - 1.3.3. Other Hormones
 - 1.3.3.1. Free Triiodothyronine (T3)
 - 1.3.3.2. Free Thyroxine (T4)
 - 1.3.3.3. Total Testosterone (T)
 - 1.3.3.4. Inhibin B
 - 1.3.4. Implantation Failure Study. Interpretation and Extraction
 - 1.3.4.1. Definition
 - 1.3.4.2. Immunological Profile
 - 1.3.4.3. Thrombophilias
 - 1.3.4.4. Endometrial Biopsy
 - 1.3.4.5. Endocervical and Vaginal Culture
 - 1.3.5. Serologies. Interpretation and Extraction
 - 1.3.5.1. Introduction and Necessity
 - 1.3.5.2. HBV
 - 1.3.5.3. HCV
 - 1.3.5.4. HIV
 - 1.3.5.5. Syphilis (RPR)
 - 1.3.5.6. Rubella
 - 1.3.5.7. Toxoplasmosis
- 1.3.6. Karyotypes
- 1.4. Patient Education Area
 - 1.4.1. Effective Communication
 - 1.4.2. Basic Hygienic-Dietetic Measures. Importance of BMI
 - 1.4.3. Self-Administration of Medications
- 1.5. Management Area
 - 1.5.1. Medical History
 - 1.5.2. Informed Consents
 - 1.5.3. Gamete Request
 - 1.5.3.1. Male Gamete Petition
 - 1.5.3.2. Female Gamete Petition
 - 1.5.4. Transfer of Genetic Material
- 1.6. Patient Monitoring after BHCG Result
 - 1.6.1. Introduction. Interpretation of the Result
 - 1.6.2. First Consultation after BHCG Result
 - 1.6.2.1. Negative Result
 - 1.6.2.2. Positive Result
 - 1.6.3. Food Education for Pregnant Women
 - 1.6.4. Monitoring of Pregnant Women. Medication and Ultrasound Monitoring Discharge
 - 1.6.5. Obstetrical Control after Delivery



- 1.7. Donor Bank
 - 1.7.1. Donor Requirements. Testing and Compatibility. Importance of Blood Type
 - 1.7.2. Limits on the Number of Stimulations and/or Donations
 - 1.7.3. Limit on the Number of Pregnancies
 - 1.7.4. International Donations
 - 1.7.5. Anonymity
 - 1.7.6. Financial Compensation
 - 1.7.7. Donor Registration
 - 1.7.8. Additional Tests
- 1.8. Frequently Asked Questions
- 1.9. Conclusions

“*A comprehensive teaching program, structured in well-developed teaching units, oriented towards learning that is compatible with your personal and professional life”*

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.



“

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 Nursing School we use the Case Method

In a given situation, what should a professional do? 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. Nurses learn better, faster, and more sustainably over time.

With TECH, nurses can experience a learning methodology 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, in an attempt to recreate the real conditions in professional nursing 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. Nurses 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 nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
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 case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



The nurse 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 have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical 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 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 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.



Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All 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 exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Expert-Led Case Studies and Case Analysis

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



Testing & Retesting

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



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

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



Quick Action Guides

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



06

Certificate

The Postgraduate Certificate in Consultations and Donor Banks in Assisted Reproductive Nursing guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program
and receive your university degree
without travel or laborious paperwork”*

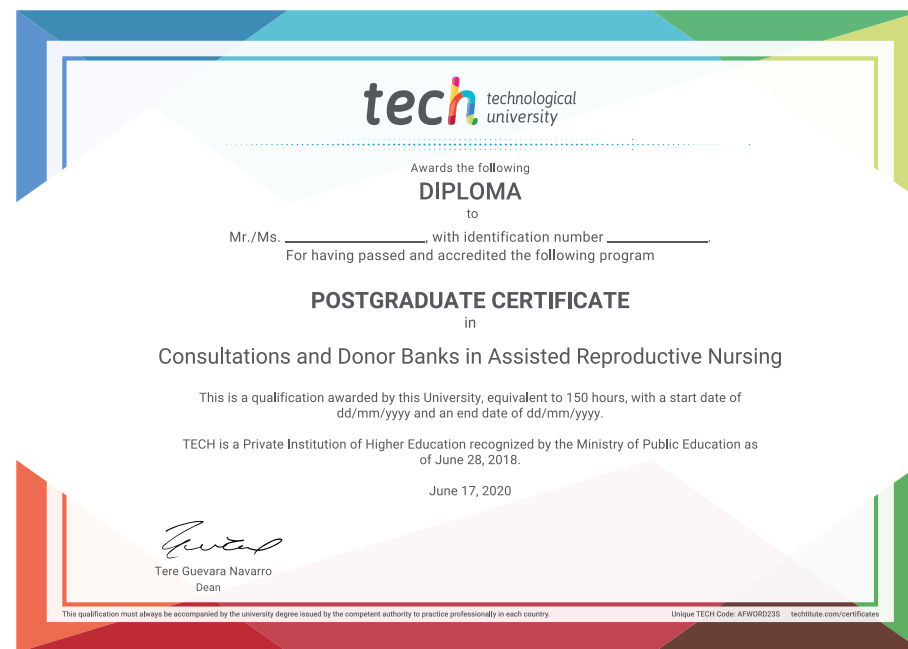
This **Postgraduate Certificate in Consultations and Donor Banks in Assisted Reproductive Nursing** contains the most complete and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Certificate in Consultations and Donor Banks in Assisted Reproductive Nursing**

Official N° of hours: **150 h.**



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

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



Postgraduate Certificate
Consultations and
Donor Banks in Assisted
Reproductive Nursing

Course Modality: Online

Duration: 6 weeks

Certificate: TECH Technological University

Official N° of hours: 150 h.

Postgraduate Certificate

Consultations and Donor Banks in Assisted Reproductive Nursing

