

Internship Program

Nursing in the Assisted Reproduction Service



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Internship Program
Nursing in the Assisted
Reproduction Service

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01 Introduction

Nursing praxis in Assisted Reproduction services consists of comprehensive care throughout the therapeutic process, from the analysis and diagnosis of patients to support and accompaniment regardless of the final results. Therefore, in addition to providing technical assistance in the performance of tests and pharmacological guidelines, they play a fundamental role in counseling, information and coordination of clinical activity. Thanks to scientific advances, it has been possible to establish increasingly effective and safe guidelines for people who decide to undergo this type of treatment. In order for the nurse to keep up to date with the latest developments in this field, TECH has developed a internship program of 120 hours in which he will have the opportunity to be part of the health team of a clinic of international reference in the field of Assisted Reproduction.



TECH offers you a unique learning program with experts in the field of Assisted Reproduction, so that you can perfect your nursing practice"





In this on-site internship in a prestigious clinical center, the student will work actively with a group of medical and nursing professionals specialized in fertility and assisted conception. Based on this, they will be able to update their practice according to the techniques and strategies they use in their day-to-day work with the cases that arise during this period. Not only will they be able to perfect their skills related to the clinical management of the patient, but they will also work intensively in the different fields that make up this area: the operating room, the laboratory, the consultation room and the donor banks.

In this way, during 3 weeks the professional will become part of a team of specialists of the highest level, with whom he will work actively in the management of the different patients who come to their respective consultations during this period. In this way, he will be able to update not only on the most effective medical strategies, but will also be able to implement in his practice the most assertive and close communication skills to deliver both good and bad news. Consequently, you will not only participate in a program that will elevate your clinical talent to the highest level, but also increase your human and empathic quality.

During your stay, you will have the support of an assistant tutor, who, thanks to his extensive and long career in the sector, will be able to guide you effectively, ensuring that all the requirements for which this program has been designed are met: the extensive updating of your knowledge and the implementation of the most sophisticated and cutting-edge clinical strategies in your practice. In this way you will achieve, in a dynamic and advanced way, to master the use of the best and most innovative clinical tools, as well as to get up to date with the technical and empathic guidelines to be applied in the Assisted Reproduction practice.

02

Why Study an Internship Program?

Within the nursing profession there are many specializations; according to the vocation and tastes of each professional, he chooses his update and training. It is also important to consider the demand for professionals or the prestige of the career in this area, and as far as Assisted Reproduction is concerned, there is an increasing need for qualified personnel in the sector. But it is also important to consider that theoretical knowledge is not enough: professional experience is only acquired through practice. And this is not always easy to acquire, since usually there is not always the availability of a work space where it is possible to learn everything about the service. For this reason, TECH has designed this exclusive and unique internship program, where the student, in just 3 weeks in an intensive day of learning, will go hand in hand with a specialized multidisciplinary team and a tutor assigned to check everything learned, but *in situ*.



TECH offers you this program with everything you need to learn in situ the nursing service in Assisted Reproduction. You will live an intensive learning experience in a reference clinical center"

1. Updating from the latest technology available

The area of Assisted Reproduction has been revolutionized in recent years thanks to advances in science that together with technology improve the quality of life of patients who come for such treatment. With this Internship Program, TECH, aims to bring the nurse to a real scenario where you can verify all learning within the field of work with high-tech equipment and more advanced methods.

2. Gaining In-Depth Knowledge from the Experience of Top Specialists

The nursing professional will be accompanied at all times by a specialized technical team, as well as by an assigned tutor who will offer him the best knowledge in terms of updated methods and procedures of Assisted Reproduction. In this way, the nurse will specialize in this service and will build a powerful professional background.

3. Entering First-Class Clinical Environments

The facilities chosen by TECH for the realization of this eminently practical program, have the prestige and recognition necessary to establish a major work in terms of Assisted Reproduction Service. The student will integrate the procedures together with the most experienced professionals and will be able to identify, wherever he develops his career, the equipment and resources available, which are indispensable to carry out Assisted Reproduction.



4. Putting the acquired knowledge into daily practice from the very first moment

TECH offers you a program that will allow you to learn and practice the service simultaneously, so you will not be a passive element, but active in the whole procedure. This new learning model, 100% practical, allows you to be at the front of state-of-the-art equipment in the field of Assisted Reproduction and, best of all, to complete it in only 3 weeks.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of doing this Internship Program, not only in national, but also in international centers. This way, the professional will be able to expand their frontiers and catch up with the best professionals, who practice in first class centers and in different continents. A unique opportunity that only TECH, the largest online university in the world, could offer.



You will have full practical immersion at the center of your choice"

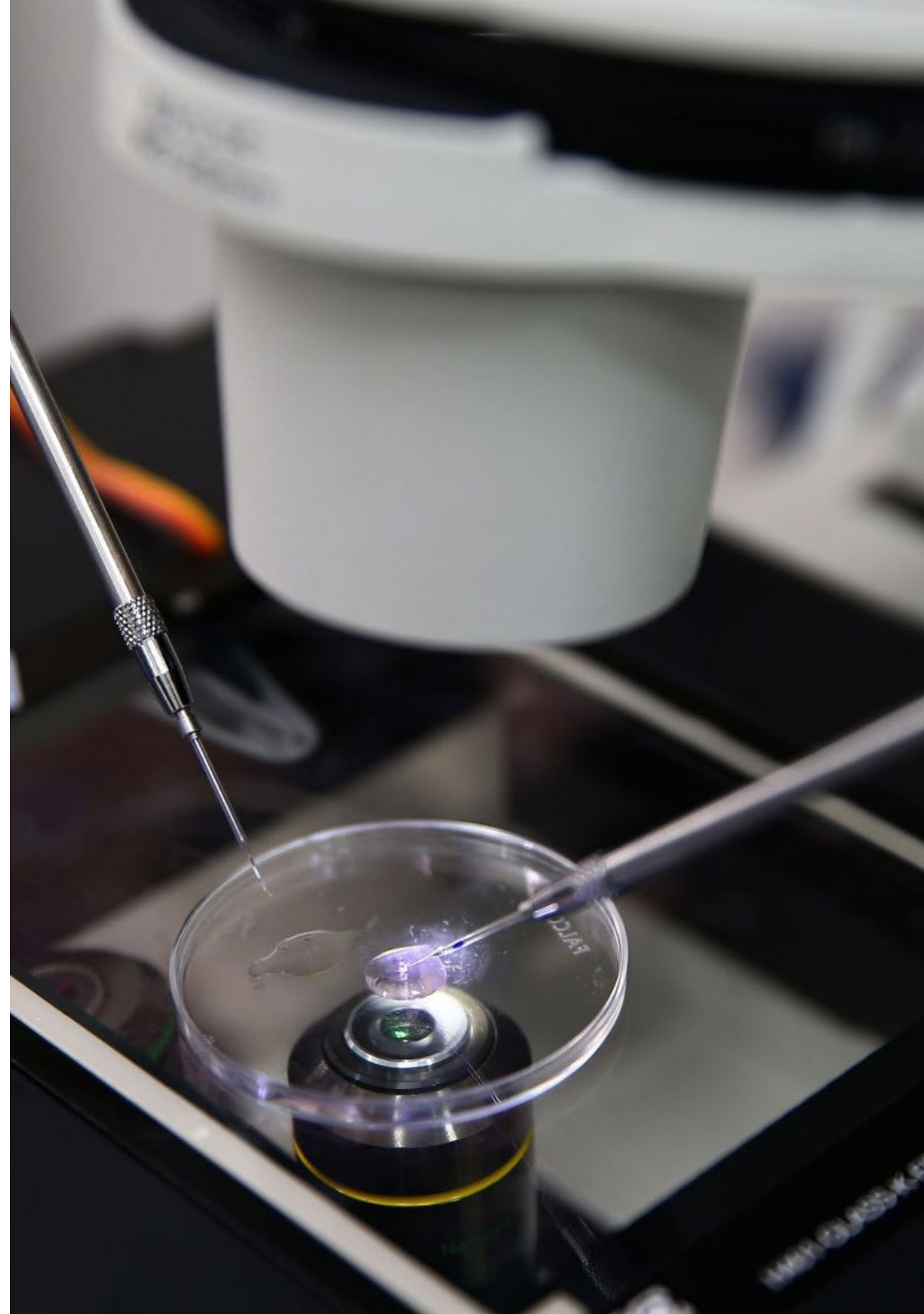
03 Objectives

The development of this Internship Program in Nursing in the Assisted Reproduction Service has been carried out with the aim of providing professionals in this field with the latest information that will allow them to update and expand their specific knowledge of each of the areas of work in the clinical area of fertility and conception. Thanks to this, they will be able to implement the most effective and innovative therapeutic strategies in their practice, facilitating the best action in each case, as well as perfecting their assistance service for the best care throughout the whole process, even if the treatment is not effective.



General Objectives

- ♦ Master the latest techniques, modern scientific postulates and application of cutting-edge technologies in infertility treatments
- ♦ Incorporate the most effective methods, approaches and clinical analysis into daily work, endorsed by a team of prestigious experts in the Assisted Reproduction area
- ♦ Learn the specific approach and common cases that occur in the clinical environment of Assisted Reproduction





Specific Objectives

- Update knowledge on the anatomy of the female and male genitalia to lay the foundations of reproduction
 - Expand knowledge of neurophysiology and its relationship to ovogenesis and spermatogenesis
 - Check the importance of anamnesis for the identification of toxic habits, stress, sexual problems and hereditary background in women
 - Know what the basic initial study of infertility consists of to be able to explain it to the patient in clear and simple terms
 - Know what the initial study of the male consists of in consultation as well as the complementary explorations or genetic studies that may be requested
 - Understand the importance of good semen handling practices
 - Reinforce basic genetic concepts
 - Recognize the karyotype and its uses
 - Providing continuous care throughout treatment
 - Be able to transmit truthful and reassuring information to the patient, to be able to coordinate teams
 - Know which are the main folliculogenesis inducers, what are the advantages and disadvantages of each one of them and which are the most widely used at present
 - Verify the treatments that currently exist in AR and that are appropriate for each patient according to their infertility diagnosis
- Master from the most basic to the most complex techniques
 - Verify the role of Assisted Reproductive Nursing, what are the surgical areas
 - Understand the psychological, social, cognitive and behavioral aspects of infertility
 - Detect psychological or emotional alterations derived from infertility diagnoses and/or derived from reproduction treatment



A program designed for you to safely achieve your most demanding professional goals by updating your knowledge in clinical practice”

04

Educational Plan

The choice of this program by the graduates will give them the opportunity to carry out a practical period in one of the best Assisted Reproduction centers in the country. This is a 3-week internship divided into 120 hours, which you will be able to carry out from Monday to Friday in full working days with a team of nurses and doctors of the highest level. Additionally, you will have the support of an adjunct tutor who will guide you throughout the experience, guiding you through good practice and ensuring that the criteria for which this program was designed are met.

This opportunity will help the graduate to know in detail the clinical strategies that are currently being carried out, related to infertility studies in men and women, as well as the techniques that have shown the best results for the different cases that may arise in daily practice. Moreover, the professional will actively participate in the management of the patient, both in diagnostic and therapeutic aspects, with special emphasis on emotional and psychological support, especially in contexts in which bad news has to be conveyed.

In this completely practical Internship Program, the activities are aimed at developing and perfecting the skills necessary to provide healthcare care in areas and conditions that require highly qualified professionals, and are oriented towards specific expertise for practicing the activity, in a safe environment for the patient and with highly professional performance.

You will also be able to make use of the most advanced medical technology, as well as get up to date with the most effective and safe tests that currently exist, both for the preliminary analysis of the reproductive characteristics of patients, as well as in fertilization treatments. All this while reviewing the current regulations and legal aspects to be taken into account when working in this type of cases. This way you will be able to improve your nursing practice in a guaranteed way through an experience that will undoubtedly mark a before and after in your professional career.

The practical teaching will be carried out with the active participation of the student performing the activities and procedures of each area of skill (learning to learn and learning to do), with the accompaniment and guidance of teachers and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal skills for the practice of Clinical Nursing (learning to be and learning to relate).

The procedures described below will be the basis of the practical part of the training, and their realization is subject to both the suitability of the patients and the center's own availability and workload, the proposed activities being the following:

Module	Practical Activity
Anatomy and physiology of reproduction in women	Perform the initial study (clinical history, physical examination, basic infertility studies, complementary studies according to altered factor)
	Perform analysis and specialized studies
	Address other special factors in the patient
	Participate in complementary explorations together with the specialist
	Assist the specialist in the performance of genetic studies
Reproductive anatomy and physiology in the male	Perform semen analysis
	Assist the specialist in the analysis and processing of samples for Assisted Reproductive Techniques (ART)
	Handle semen freezing techniques
	Perform semen washing for HIV, Hepatitis B and Hepatitis C seropositive males
	Manage the indications and recommended tests for sperm donation
	Manage complementary techniques of sperm selection and use of antioxidants
Genetics and Immunology of Reproduction. Donor Bank	Perform Preimplantation Genetic Diagnosis (PGT: Preimplantation Genetic Testing)
	Assist the specialist in the management and education in the Assisted Reproduction Practice
	Provide continuous comprehensive care
	Perform blood tests for fertility studies Programming, Interpretation and Extraction
	Manage the required documentation: medical history, informed consents, etc
	Follow up the patient after BHCG result
	Manage the SIRHA platform: Assisted Human Reproduction Information System
Pharmacology and laboratory in Assisted Reproduction	Handling and administration of folliculogenesis inducing drugs: clomiphene citrate, gonadotropins and other adjuvants
	Administer other hormonal treatments (GnRH, aromatase inhibitors)
	Provide Pharmacological Support of the Luteal Phase in In Vitro Fertilization
	Perform assessment and treatment of ovarian stimulation complications: ovarian hyperstimulation syndrome (OHSS)
	Assist in the anesthetic process in Assisted Reproduction
	Verify the environmental conditions, quality controls and adequate cleaning of an AR laboratory
	Master the advanced techniques of laboratory work

Module	Practical Activity
Assisted Reproduction Techniques	Differentiate between freezing and vitrification, and the possibilities of donation
	Apply traceability as an indispensable tool to avoid errors in the laboratory
	Use other techniques that can help in the diagnosis of the patient
	Intervene in the different phases of a surgery: preoperative, intraoperative and postoperative and postoperative
Psychological support and special situations in Assisted Reproduction	Detect psychological or emotional alterations derived from infertility diagnoses and/or derived from reproduction treatment
	Provide emotional support to the patient throughout the process of Assisted Reproduction
	Comprehensive approach to the patient and assertive communication
	Master bereavement support techniques
	Provide nutritional follow-up in Assisted Reproduction Consultation
Legal and ethical and ethical in Assisted Reproduction	Learn, know how to interpret and correctly use each one of the consents used in Assisted Reproduction
	Perform biosurveillance and to notify it according to the Royal Decree
	Explain the rights of users undergoing Assisted Reproduction techniques, including gamete donors
	Apply ethical principles to face multiple situations that may arise in the field of Assisted Reproduction



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”

05

Where Can I Do the Internship Program?

For the choice of the clinical centers in which the internship program will be developed, TECH places special value on those entities that, on the one hand, have a recognized prestige in the specialized area related to the program, and on the other hand, that are willing to guarantee a highly beneficial experience for the professional development of the graduate. That is why the nurse who accesses this training will achieve, with total guarantee, the improvement of their skills in less than 3 weeks and will obtain an enriching experience that will mark a before and after in their career.

“

The Internship Program will take place in a clinical center of reference in the use of Assisted Reproduction therapies and with a team of professionals specialized in this area”





The student will be able to do this program at the following centers:



Nursing

Vida Fertility Institute Madrid

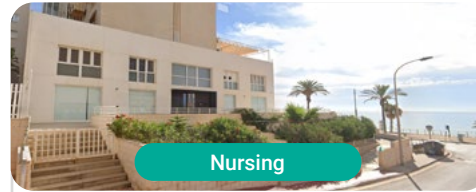
Country: Spain City: Madrid

Address: Calle Palermo, 15, 28043, Madrid

-Fertility Clinic and Therapeutic Strategy

Related internship programs:

- Assisted Reproductive Nursing Service
- Update in Assisted Reproduction



Nursing

Vida Fertility Institute Alicante

Country: Spain City: Alicante

Address: Calle Velázquez, 2, 03560, Campello, Alicante

Center Specialized in Fertility Solutions and Diagnostic and Therapeutic Treatments

Related internship programs:

- Assisted Reproductive Nursing Service
- Update in Assisted Reproduction



Nursing

Ginefiv Madrid

Country: Spain City: Madrid

Address: C. José Silva, 18, 28043 Madrid

Medical Center Specialized in Fertility and Pregnancy Promotion

Related internship programs:

- Nursing in the Gynecology Service
- Assisted Reproductive Nursing Service



Nursing

Ginefiv Getafe

Country: Spain City: Madrid

Address: Dirección: C. Madrid, 83, 28902 Getafe, Madrid

Medical Center Specialized in Fertility and Pregnancy Promotion

Related internship programs:

- Assisted Reproductive Nursing Service
- Nursing in the Gynecology Service



Nursing

Ginefiv San Sebastián de los Reyes

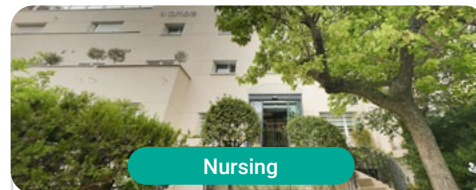
Country: Spain City: Madrid

Address: Av. de España, 8, 28703 San Sebastián de los Reyes, Madrid

Medical Center Specialized in Fertility and Pregnancy Promotion

Related internship programs:

- Assisted Reproductive Nursing Service
- Nursing in the Gynecology Service



Nursing

Clínica Tambre

Country: Spain City: Madrid

Address: Calle Tambre 8, 28002, Madrid

Clinical Center for Reproductive Gynecology and Obstetrics

Related internship programs:

- Assisted Reproductive Nursing Service



Nursing

Hospital HM Modelo

Country: Spain City: La Coruña

Address: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nursing

Hospital Maternidad HM Belén

Country: Spain City: La Coruña

Address: R. Filantropía, 3, 15011, A Coruña

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Update in Assisted Reproduction
- Hospitals and Health Services Management



Nursing

Hospital HM Montepíncipe

Country: Spain City: Madrid

Address: Av. de Montepíncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Palliative Care
- Aesthetic Medicine



Nursing

Hospital HM Sanchinarro

Country: Spain City: Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Nursing

Hospital HM Puerta del Sur

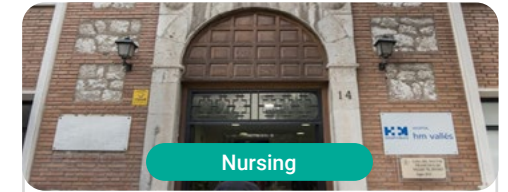
Country: Spain City: Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Palliative Care
- Clinical Ophthalmology



Nursing

Hospital HM Vallés

Country: Spain City: Madrid

Address: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



Nursing

HM Fertility Center

Country: Spain City: Madrid

Address: Calle Velázquez 25, 1ª planta, 28001, Madrid

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Assisted Reproductive Nursing Service
- Update in Assisted Reproduction



Nursing

Policlínico HM Gabinete Velázquez

Country: Spain City: Madrid

Address: C. de Jorge Juan, 19, 1º 28001, Madrid

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Clinical Nutrition in Medicine
- Aesthetic Plastic Surgery



Nursing

Policlínico HM Sanchinarro

Country: Spain City: Madrid

Address: Av. de Manoteras, 10, 28050, Madrid

Network of private clinics, hospitals and private specialized centers distributed throughout Spain

Related internship programs:

- Gynecological Care for Midwives
- Nursing in the Digestive System Service



Nursing

Next Fertility Valencia

Country: Spain City: Valencia

Address: Avenida Burjassot, 1, 46009, Valencia

Assisted Reproduction Clinic

Related internship programs:

- Assisted Reproductive Nursing Service



Nursing

Ginefiv Barcelona

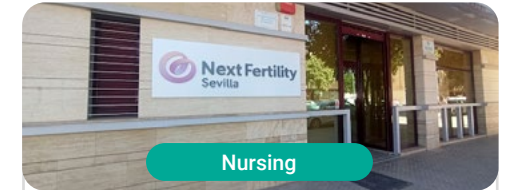
Country City
Spain Barcelona

Address: Gran Vía de les Corts Catalanes,
456, 08015 Barcelona

Fertility Clinic with More than 35 years of Experience
in Techniques Such as Artificial Insemination and In
Vitro Fertilization

Related internship programs:

- Assisted Reproductive Nursing Service
- Nursing in the Gynecology Service



Nursing

Next Fertility Sevilla

Country City
Spain Seville

Address: Av. del Reino Unido, 1, 41012 Sevilla

Assisted Reproduction Clinic

Related internship programs:

- Nursing in the Assisted Reproduction Service
- Assisted Reproduction Update



Nursing

Amnios in Vitro Project

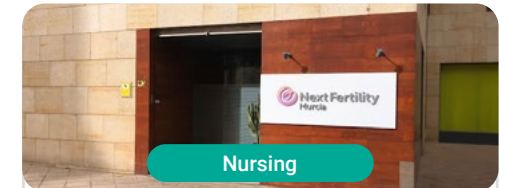
Country City
Spain Madrid

Address: Calle Boix y Morer,
5, 28003, Madrid

Amnios in Vitro Project, clinic Specializing in
Assisted Reproduction

Related internship programs:

- Assisted Reproductive Nursing Service
- Update in Assisted Reproduction



Nursing

Next Fertility Murcia

Country City
Spain Murcia

Address: Av. Europa, 11, 30007 Murcia

Next Fertility is an
Assisted Reproduction Clinic

Related internship programs:

- Assisted Reproductive Nursing Service
- Update in Assisted Reproduction

06

General Conditions

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. TUTOR: During the Internship Program, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the 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, in 8-hour days, 5 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: If the students does not show up on the start date of the Internship Program, they will lose the right to 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 of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Internship Program will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: The Internship Program shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Internship Program. 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. DOES NOT INCLUDE: The Internship Program will not include any element not described in the present 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.

07 Certificate

This **Internship Program in Nursing in the Assisted Reproduction Service** contains the most complete and up-to-date program in the professional and academic landscape.

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

The certificate issued by TECH will reflect the grade obtained in the test.

Title: **Internship Program in Nursing in the Assisted Reproduction Service**

Duration: **3 weeks**

Attendance: **from Monday to Friday, 8 consecutive hour shifts**

Total Hours: **120 h. of professional practice**



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