

Internship Program

Reconstructive Plastic Surgery



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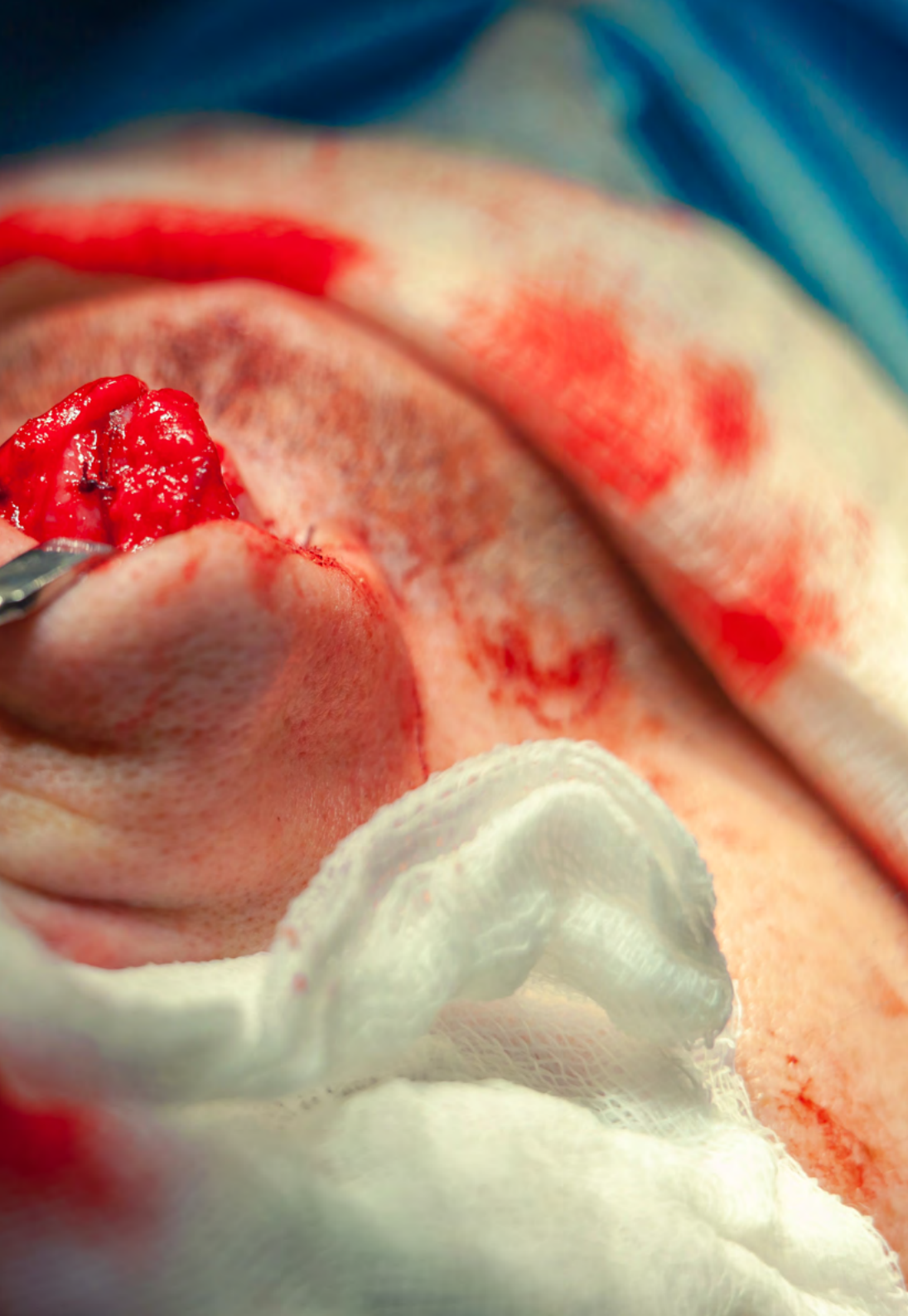
01 Introduction

Thanks to the latest advances in science and technology, Reconstructive Plastic Surgery has been one of the most benefited areas to provide better service to the patient. The practice of this type of surgery, in the hands of the best experts and with the most modern medical equipment, enables the use of state-of-the-art surgical techniques in body repair, tissue mobilization with grafts or artificial implants. These, among other treatments to address specific injuries in any part of the body that will allow the improvement of the patient's quality of life with satisfactory results. Due to the importance of this area, TECH has created this completely practical 3-week program, where the professionals will integrate all the theoretical knowledge to the daily practice with the best specialists.

“

Put into practice the latest advances in the area of Reconstructive Plastic Surgery in a renowned hospital and with the accompaniment of the most experienced specialists"





Reconstructive Plastic Surgeries can be considered among the most important and determining operations at an aesthetic level, since they allow to recover the functionality and anatomical integrity of certain parts of the body, affected by disease, trauma, or alterations of birth. In this sense, patients who need it seek the best health teams to be treated and recover their appearance. In order to promote learning in this field, TECH proposes the realization of this intensive practical stay, which will provide the students with the best specialists and the most advanced technical equipment for their professional growth.

Thanks to this practical program, exclusive to TECH, the students will be able to take part in a real working team, thanks to which they will acquire specialized knowledge about new advances in this area and consolidate those they already have. This will allow them to solve multiple problems that arise in the practice of medical practice, achieving a high quality performance that improves the physical appearance of the patient and their quality of life. In order to do this, you will be able to participate, for 3 weeks, in an intensive practical internship in a reference center in reconstructive surgery, which will be essential to discover the ins and outs of the profession.

As such, at the end of the internship, the physicians will have acquired a higher level of qualification that will allow them to improve in their daily practice and to handle the most avant-garde equipment of Reconstructive Plastic Surgery. This, thanks to this intensive program designed to introduce the most important and current technologies, materials and treatments of this discipline, from a complete perspective of the sector, to specialize in an ethical and responsible way.

02

Why Study an Internship Program?

Nowadays, academic updating is essential for medical specialists. In this field, it is necessary to provide the latest knowledge based on the latest scientific evidence and, thanks to the support of the most advanced technological resources, it is possible to integrate it into practice effectively and immediately. This is how TECH has designed a unique and disruptive academic product in the current pedagogical panorama, which will allow the specialists to enter a real clinical environment where they will be able to put into practice the latest procedures and techniques in the field of Reconstructive Plastic Surgery. During 3 weeks, in an intensive way, they will be integrated in a multidisciplinary work team, where they will participate in a practical way in surgical procedures in this area. A unique academic opportunity that not only revolutionizes traditional pedagogical systems, but also puts the specialist at the center of the equation to offer him or her learning with real utility and adapted to his or her needs.



Thanks to TECH you will enter a real clinical environment and maximum demand to delve, with the help of the best specialists, into the latest advances in Reconstructive Plastic Surgery"

1. Updating from the latest technology available

In order to preserve or recover the best possible functionality of the patient, surgical techniques must be used to transfer tissues from one part of the body to another, and sometimes creating a lost part with other different parts of the body, so it is essential to implement the best equipment, materials and tools to achieve the best results. In this sense, TECH has chosen the best hospital center for its students to carry out this Internship Program, where they will enter a cutting-edge clinical scenario that will allow them to see firsthand the most advanced treatments in the area.

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

The experience of the professionals who will accompany you in this practical period will provide a guarantee of unprecedented updating. You will have an assigned tutor, who will be your guide throughout the process of specialized technical learning, observing patients and real cases. This will allow you to add the most advanced practical knowledge to your academic experience in Reconstructive Plastic Surgery.

3. Entering first-class clinical environments

TECH has carefully selected all the centers available for its Practical Training. Thanks to this, the specialist will have guaranteed access to a prestigious clinical environment in the area of Reconstructive Plastic Surgery. Therefore, they will be able to experience the day-to-day of a demanding, rigorous and exhaustive area of work, always applying the latest theses and scientific postulates in their work methodology.



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

With TECH the physicians will be able to find a methodology compatible with their daily work and will be able to implement what they have learned immediately. Thanks to this academic model, in only 120 hours of practice they will be able to be at the forefront of state-of-the-art procedures in the field of Reconstructive Plastic Surgery and, best of all, with the most revolutionary technology and specialized support.

5. Expanding the boundaries of knowledge

TECH offers the possibility to carry out this Internship Program in the main clinical centers of the world. In this way, the specialist will be able to expand their boundaries and keep up to date with the best professionals, who perform in first class hospitals and in different continents. A unique opportunity that only TECH, puts at your disposal.



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

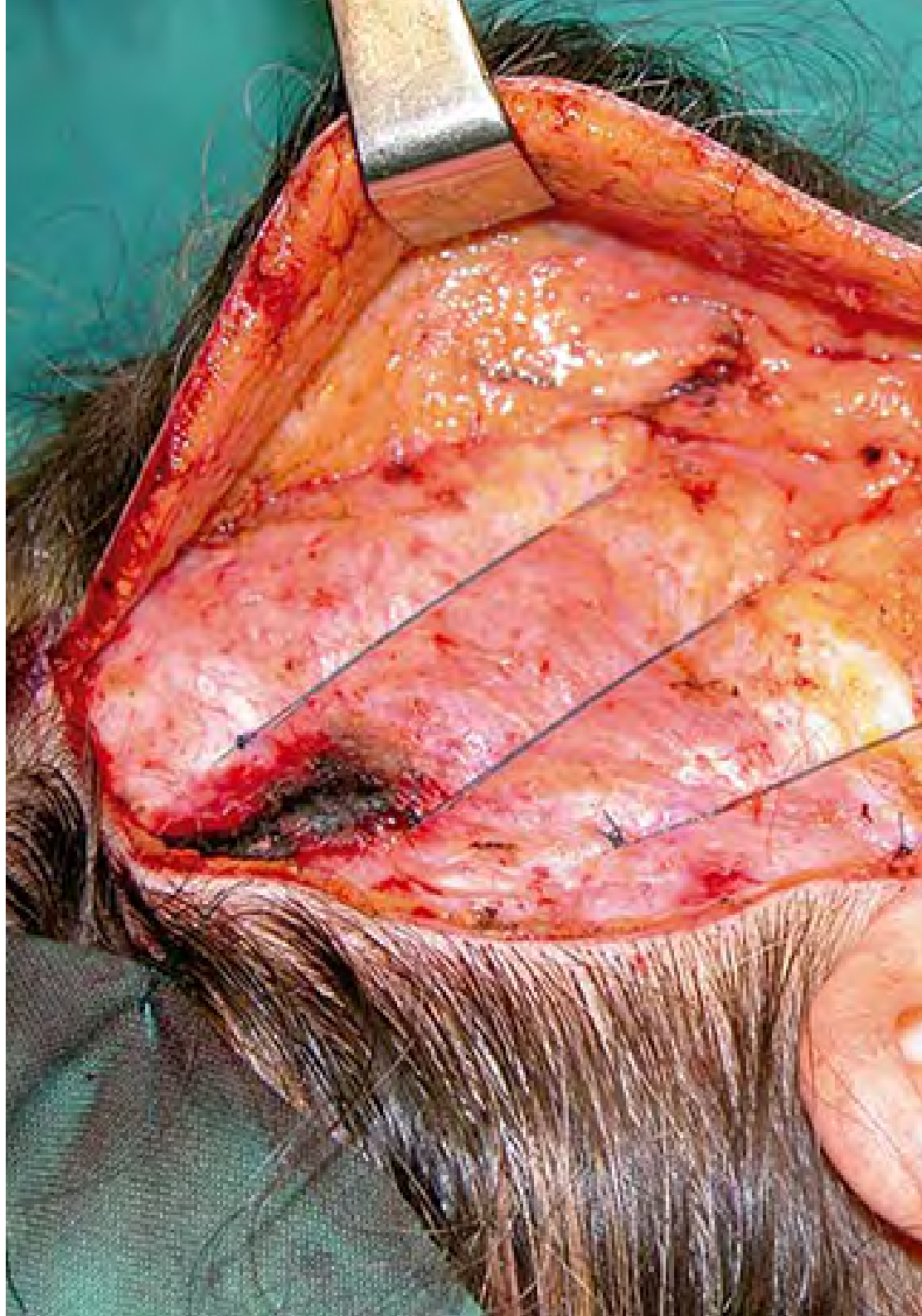
03 Objectives

This program has been designed to offer students an intensive practical activity where they will be able to improve their skills in an area of wide repercussion such as Reconstructive Plastic Surgery. In this way, the professional, in just 3 weeks, will have acquired the necessary skills to intervene on a patient with a congenital malformation or who, after suffering an illness or an accident, has had their appearance modified and wishes to recover their image. To do this, you will be able to get up to date with the latest techniques and technological equipment in the sector, which will be essential to carry out safer and higher quality interventions.



General Objectives

- Master the latest techniques, modern scientific postulates and application of cutting-edge technologies in Reconstructive Plastic Surgery
- Incorporate the most effective methods, approaches and clinical analysis into daily work, endorsed by a team of prestigious experts in the field of Reconstructive Plastic Surgery
- Know the specific approach and common cases that occur in the clinical environment of Reconstructive Plastic Surgery





Specific Objectives

- Verify the evolution of the implementation of Reconstructive Plastic Surgery
- Determine the characteristics of the skin and their relevance in reconstructive surgery
- Apply the most relevant techniques for Reconstructive Plastic Surgery
- Show the usefulness of microsurgery in reconstructive surgery
- Specify the use of flaps and grafts in reconstructive surgery
- Identify the importance of the psychological aspect of the patients before a Reconstructive Plastic Surgery
- Analyze the possible solutions to be used in the different lesions of the patient's facial area
- Examine in a comprehensive and systematic way the patient with facial fractures in order to generate accurate diagnoses
- Propose treatment plans according to the particular characteristics of each case
- Verify the possible complications generated in the management of patients with Reconstructive Plastic Surgery
- Establish the advantages and disadvantages of the different surgical techniques in reconstructive plastic surgery
- Intervene in the development of proposals for the design of treatment plans through the knowledge obtained

04

Educational Plan

In this training proposal, of a completely practical nature, the activities are aimed at developing and perfecting the skills necessary for the care of patients requesting physical improvement, either due to an abnormal body structure, or due to an accident or illness that has caused them physical damage, and in conditions that require a high level of qualification. In this way, this proposal is oriented to the specific training for the exercise of the activity, in a safe environment for the patient and with a high professional performance.

It is, without a doubt, a unique opportunity to learn by working in an innovative center, which is committed to the quality of its resources and the latest technologies. Thus, the objectives of the patient and the professionals are met in a safe way and following the highest quality standards currently required.

The practical education will be carried out with the active participation of the student performing the activities and procedures of each area of knowledge (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 competencies for the practice of Reconstructive Plastic Surgery (learning to be and learning to relate).



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

Module	Practical Activity
Facial Reconstructive Plastic Surgery Techniques	Reconstruct the ciliary region affected by tumor lesions, applying Z-plasties and flaps
	Approach reconstructive surgery of the upper and lower eyelid using flaps and grafts
	Perform upper and lower lip reconstructive surgery using local or distant flaps and grafts
	Perform nasal reconstructive surgery, using a local coverage flap or pedicled flaps in those cases that require it
	Indicate and apply vulcanized silicone or osseointegrated facial prostheses
	Treat mandibular, condylar, maxillary and nasal fractures, performing open or closed management according to the specificities of the lesion and the patient
	Design proposals to reconstruct eyebrows, eyelids, pinnae and labiopalatine clefts affected by trauma or a syndrome
Thoracic, abdominal and limb reconstruction techniques	Perform partial or total oncological breast reconstruction, applying breast implants, tissue expanders and/or meshes
	Apply the use of muscle flaps for thoracic and breast reconstruction
	Establish a rehabilitation plan after thoracic or abdominal reconstructive surgery using respiratory therapy, compression garments and bandages, lymphatic drainage and ultrasound
	Perform surgical reconstruction of the abdominal wall with rectus abdominis flap, fascia lata tensor flap or free flaps
	Apply truncal anesthesia in reconstructive surgeries of limbs, establishing blocks in the precise areas according to the region to be operated on
	Use the tendon suture technique, performing tendon retabulation or tendon shortening
	Apply the flap and the free flap of upper and lower limbs

Module	Practical Activity
Skin Reconstructive Treatments for Burns	Perform a study of the characteristics of the patient's skin as an essential part of the satisfactory results in reconstructive surgery
	Apply grafts in the burn patient, performing in vitro skin culture
	Use grafts and flaps in pathological scars in heat burns, as well as in electrical or radiation burns
Genital reconstruction techniques	Perform post-radiation and post-traumatic reconstructive vaginoplasty using grafts and flaps
	Perform labiaplasty, using radiofrequency and CO2 laser surgery
	Address post hymenoplasty after intentional and traumatic hymenectomy
	Perform surgical reconstruction in cases of genital mutilation, clitoridectomy and infibulation
Treatment of surgical site infections in reconstructive surgery	Intervene in congenital and acquired anomalies of the male genital system
	Identify causative microorganisms
	Verify factors that affect the inflammatory and immunological response of the surgical patient
	Determine the classification of severity of SSI
	Apply postoperative infection preventive measures
	Apply antibiotic prophylaxis
Determine antimicrobial treatment and focus control in the surgical patient	

05 Where Can I Do the Internship Program?

TECH, in its maxim to offer the best Internship Program to its students, is committed to on-site teaching with professional teams. To this end, it has reached collaboration agreements with leading health institutions in the field of Reconstructive Plastic Surgery to facilitate the learning of students through intensive stays in which they can put in value the day to day of the sector. Thus, professionals will be able to treat real patients and handle the latest technology in this field.



Do you want to specialize in Reconstructive Plastic Surgery? Thanks to this Internship Program you will be able to learn in a reference center"





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



Medicine

Clínica Granado Tiagonce

Country: Spain City: Madrid

Address: Carretera de Húmera, 63, 28224 Pozuelo de Alarcón, Madrid

Center for Plastic and Aesthetic Medicine and Surgery

- Related internship programs:**
- Aesthetic Plastic Surgery
 - Reconstructive Plastic Surgery



Medicine

Clínicas Revitae

Country: Spain City: Cáceres

Address: C. San Juan de Dios, 3, 10001 Cáceres

Center specialized in Advanced Aesthetic Medicine

- Related internship programs:**
- Aesthetic Medicine
 - Aesthetic Plastic Surgery



Medicine

Dr. Sebastián Ríos

Country: Spain City: Las Palmas

Address: C. Senador Castillo Olivares, 15, 35003 - Las Palmas de Gran Canaria

Clinic specialized in Facial Plastic Surgery and Aesthetic Medicine

- Related internship programs:**
- Aesthetic Plastic Surgery
 - Reconstructive Plastic Surgery



Medicine

Dorsia Alicante San Vicente

Country: Spain City: Alicante

Address: C. San Vicente, 8, 03004 Alicante

Dorsia counts with a large team of medical professionals specialized in the areas of aesthetic surgery and medicine

- Related internship programs:**
- Aesthetic Plastic Surgery
 - Reconstructive Plastic Surgery



Medicine

Clínica Opción Médica

Country: Spain City: Barcelona

Address: C/ de Calvet, 24, 08021 Barcelona

Aesthetic-surgical center specialized in obesity

- Related internship programs:**
- Esthetic Nursing
 - Aesthetic Plastic Surgery



Medicine

ROC Clinic-clínica de urología

Country: Spain City: Madrid

Address: P.º del Gral. Martínez Campos, 17, Chamberí, 28010 Madrid

The urological clinic with the best results based on research, technology and experience

- Related internship programs:**
- Reconstructive Plastic Surgery
 - Lower Genital Tract Pathology and HPV

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 program agreement shall be 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 Reconstructive Plastic Surgery** 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 Reconstructive Plastic Surgery**

Duration: **3 weeks**

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

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

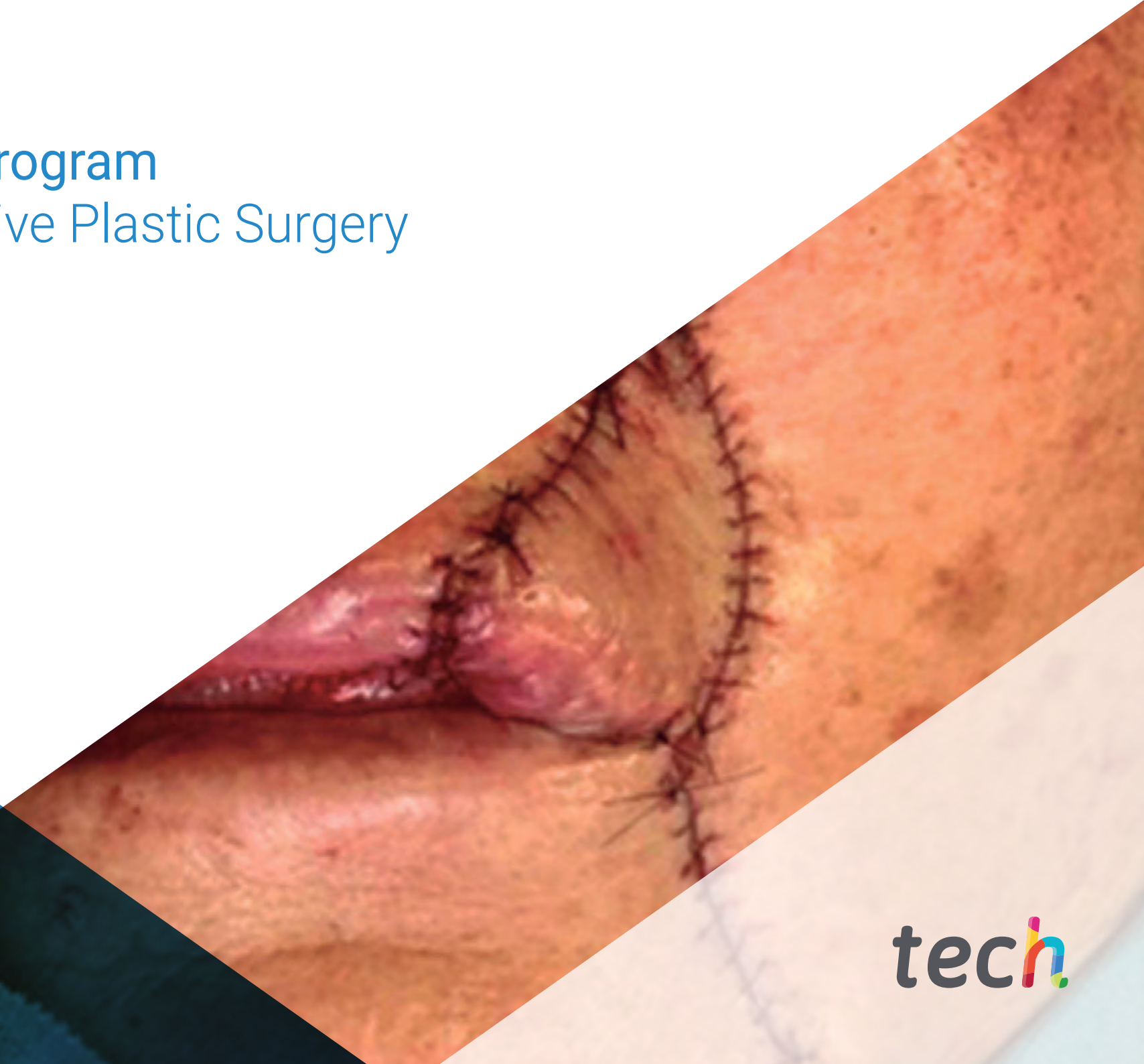


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