

1. OVERVIEW

Subject Area	OPTIONAL COMPLEMENTARY PLACEMENT VII: PLASTIC, AESTHETIC AND RECONSTRUCTIVE SURGERY
Degree	MEDICINE
School/Faculty	BIOMEDICAL AND HEALTH SCIENCES
Ac. Year	6º
ECTS	3 PRACTICAL ECTS
Type	OPTIONAL
Language(s)	SPANISH
Delivery Mode	ON CAMPUS
Semester	SIX-MONTHLY

2. INTRODUCTION

This is an optional subject taught every semester as part of the Human Clinical Training module. It takes place in the 6th year of Medicine. It involves a complementary clinical placement in the Plastic Surgery Department of the University Hospital in Getafe and the University Hospital Infanta Sofia.

The overall objectives of this subject are:

- Identify and differentiate the diseases for which Plastic Surgery is indicated.
- Describe every stage of treatment using the right terminology, as well as know how to come to decisions on a multidisciplinary level, including other specialities.
- Identify the basic pathology and methodology of this speciality, including the practical handling of wounds and sutures. As students delve further into this subject, it also includes matters of repair and aesthetics.
- Carry out clinical placements in medical services, surgical departments, laboratories, research or primary health care centres where students have yet to go on tutored placements.

3. SKILLS AND LEARNING OUTCOMES

Basic Skills (CB, by the acronym in Spanish):

- CB1: Students have shown their knowledge and understanding of a study area that builds on general secondary school education, and are usually at the level where, with the support of more advanced textbooks, they may also demonstrate awareness of the latest developments in their field of study.
- CB5: Students will develop the learning capacity required to undertake subsequent study with a high degree of autonomy.

General skills (CG, by the acronym in Spanish):

- CG10 (B.10): Understand and recognise the causal agents and risk factors which determine health conditions and the development of a disease.
- CG12 (B.12): Understand the principles of action, indications and effectiveness of therapeutic interventions, based on the available scientific evidence.
- CG18: Indicate the most suitable therapy for the most common acute and chronic processes, including patients in the terminal phase.

Cross-curricular skills (CT, by the acronym in Spanish):

- CT1: Communication: ability to engage in active listening, ask questions and respond in a clear and concise way, as well as to effectively express ideas and concepts. This includes concise and clear written communication.
- CT10: Independent learning: the ability to govern your own development by choosing the most effective lines of action, strategies, tools and opportunities to independently learn and apply knowledge to practice.

Specific skills (CE, by the acronym in Spanish):

- CE35: Know how to do a full anamnesis focused on the patient and with a view to diverse pathologies, interpreting its meaning.
- CE36: Know how to perform a physical examination of the systems and apparatus, as well as a psychopathological assessment, being able to interpret the results.
- CE39: Decide on a plan of action, focusing on the needs of the patient and their social and family environment, all the while in line with the patient's signs and symptoms.

Learning outcomes (RA, by the acronym in Spanish):

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- RA1: Differentiate the different types of wounds and choose the correct treatment for each.
- RA2: Know the different phases of scarring.
- RA3: Practice stitching a surgical wound.
- RA4: Be aware of the different ways of covering the upper or lower body. RA5: Recognise the different breast reconstruction options.
- RA6: Recognise the different head and neck reconstruction options.
- RA7: Differentiate the different degrees of burns and choose the correct treatment for each.

The following table shows how the skills developed in the subject area match up with the intended learning outcomes:

Skills	Learning outcomes
CB1, CB5, CE35, CE36, CE39 CB1, CB5, CE35, CE36, CE39 CB5, CE35, CE36, CE39, CB5, CE35, CE36, CE39, CG10, CG12, CG18 CB5, CE35, CE36, CE39, CG10, CG12, CG18, CB5, CE35, CE36, CE39, CG10, CG12, CG18, CB5, CE35, CE36, CE39, CG10, CG12, CG18,	RA1 RA2 RA3 RA4 RA5 RA6 RA7

4. CONTENTS

- On-campus theory/practical activities.
 - Objectives:
 - Basic concepts of plastic surgery.
 - Microsurgery techniques.
 - Burns and severely burned patients.
 - Breast reconstruction.
 - Reconstruction of the upper and lower limbs, trunk and nervous system.
 - Aesthetic surgery.
- Tutored clinical placement in the Plastic Surgery Department.

5. TEACHING/LEARNING METHODS

The types of teaching/learning methods are as follows:

- Problem-based learning geared towards clinical reasoning: Presentation of problems, reorganising into small groups, literature analysis, analysis of scientific texts and documents, symposiums and presentations, directed debates, specialised individual and collective tutorials, and reaching a consensus.
- Case study method: presentation and discussion of clinical cases in small groups.
- Tutored clinical placements (fieldwork) in the different hospital services: problem-solving in a practical context observing the tutor, being observed by the tutor, or with the tutor's supervision. Students will integrate themselves and participate in the activities performed in the healthcare units. The student activities will be programmed, tutor-assisted and assessed by the tutor. 3
- Practical skills classes and simulation environments in small groups: role-playing (simulated clinical case studies), skills development in simulators, mannequins and models.

6. LEARNING ACTIVITIES

The types of learning activities, plus the amount of time spent on each activity, are as follows:

Learning activity	Number of hours
AF1: Theory/practical learning activities on-campus	26
AF2: Clinical placements	48
AF3: Knowledge test	1
TOTAL	75

7. ASSESSMENT

The assessment methods, plus their weighting in the final grade for the subject area, are as follows:

Assessment system	Weighting
Attitude practical work	15%
Clinical practice assessment: skills and abilities	60%
Cognitive objectives assessment. Knowledge test and seminars	25%

On the Virtual Campus, when you open the subject area, you can see all the details of your assessment activities and the deadlines and assessment procedures for each activity.

8. BIBLIOGRAPHY

The reference bibliography for the follow-up of the subject is:

1. Plastic Surgery Educational Foundation. Essentials for students: plastic and reconstructive surgery (9th edition), 2018.
2. Essentials of Plastic Surgery. Second Edition. Edited by J.E. Janis. 2017.