

**COURSE DATA****DATA SUBJECT**

Code: 34354
Name: Practicum II
Cycle: Undergraduate Studies
ECTS Credits: 15
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
1208 - Degree in Podiatry	Facultat d'Infermeria i Podologia	4	Indefinite (Individuals), First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1208 - Degree in Podiatry	Integrated clinical practicum	INTERNSHIPS

COORDINATION

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SUMMARY

The subject Practicum II has as its main objective to deepen the theoretical and practical knowledge acquired in the subject Practicum I. The level of complexity is determined by the theoretical component introduced in the fourth academic year, as well as by the students' increased knowledge. Therapeutic strategies are addressed in detail, such as advanced techniques for the comprehensive treatment of onychocryptosis, infiltration application techniques, surgical procedures of the nail and associated skin structures, or techniques for foot modeling and pediatric pathology. Additionally, there is an in-depth focus on the control and pharmacological treatment of foot pathologies.

PREVIOUS KNOWLEDGE**RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS



This subject, due to its highly practical nature and focus on content application, is closely related to other compulsory training courses, through which the student gains access to and is able to assimilate the theoretical and practical knowledge necessary to acquire the competencies required to delve deeper into this subject. However, the course most closely linked to Practicum II is Practicum I.

COMPETENCES / LEARNING OUTCOMES

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Acquire capacity in the clinical management of podiatry services.

Be able to use elements of documentation, statistics, computer science and general methods of epidemiological analysis.

Design specific intervention plans for the treatment of the foot at risk: diabetic, neurological and vascular.

Design the integral intervention plan or podological treatment.

Develop social skills for communication and for dealing with the patient and other professionals.

Develop the ability to carry out the radiological activities typical of podiatry.

Develop the capacity to design protocols and to implement and evaluate them.

Develop the skill and dexterity in the use of instruments, equipment and machinery used for the preparation and implementation of podological treatments.

Develop the techniques of physical exploration.

Evaluate the results obtained from the podiatry care process.

Exchange information with the various health professionals and authorities involved in the prevention, promotion and protection of health.

Formalise and apply the clinical method in podology.

Give a diagnosis and a prognosis.

Guarantee the quality of care in the practice of podiatry.

Interpret the results of complementary tests and rationalise their use.

Keep knowledge, skills and attitudes up to date.

Perform cardiopulmonary resuscitation techniques in emergencies.

Prepare and interpret clinical reports.



Prepare a podiatric medical history and record the information obtained.

Pre-professional work placement in university podiatry clinics and accredited centres, with a final assessment of competences, which will allow students to acquire professional values and skills.

Prescribe, administer and apply pharmacological, orthopodological, physical and surgical treatments.

DESCRIPTION OF CONTENTS

1. Pharmacology for Specific Use (TOPIC 1)

Topic 1: Pharmacological guide for podiatric use.

Pharmacological action, indications, dosage, contraindications, interactions, adverse reactions, and presentation forms of antifungals, antibiotics, NSAIDs, anesthetics, and compounded formulas used in podiatry.

2. TOPIC 2: Infiltrations in the Field of Podiatry

Topic 2: Infiltrations in the podiatric field.

Pharmacological action, indications, dosage, contraindications, interactions, adverse reactions, and presentation forms of corticosteroids. Necessary materials for performing an infiltration. Infiltration techniques. Advantages of fluoroscopy-guided infiltration.

3. TOPIC 3: Advanced Therapeutic Strategies for the Management of Onychocryptosis

Topic 3: Advanced therapeutic strategies for managing onychocryptosis.

Mozena classification. Treatment criteria. Acrylic nail. Vinyl tube. Plastic strips. Wire orthonyxia. Nail plate reconstruction using cement.

4. TOPIC 4: Pediatric Pathology

Topic 4: Pediatric pathology.

Axial and angular abnormalities of the lower limb. Morphological alterations of the foot. Gait disturbances. Pediatric limb length discrepancies or asymmetries. Osteonecrosis.



5. TOPIC 5: Nail Surgery

Topic 5: Nail surgery.

Criteria for intervention. Classification of nail surgical procedures. Specific surgical steps for each technique. Indications and contraindications for each type of surgical approach.

6. TOPIC 6: Soft Tissue Surgery

Topic 6: Soft tissue surgery.

Dermal tumors located on the foot. Surgical techniques.

7. PRACTICAL SEMINARS (CLASSROOM-BASED PRACTICALS ¿ P)

Practice P1: Clinical seminar on advanced strategies for onychocryptosis management: vinyl tube, metallic orthonyxia, acrylic nail, and nail apparatus reconstruction.

Practice P2: Clinical seminar on diabetic foot: sensory evaluation, ABI, vascular examination.

Practice P3: Clinical seminar on advanced foot molding techniques: podopneumatic system and TAD.

Practice P4: Seminar on orthopodiatric treatments: categorization of different orthopodiatric materials and elements, methodology for the fabrication of plantar supports, and protocols for recording materials and clinical incidents in the patient¿s medical history to ensure traceability.

8. LAB PRACTICALS (L)

Clinical practice at the University Podiatry Clinic. Practice schedule: 8:30 AM to 2:30 PM. From 8:30 to 9:00 AM, patient distribution by practice groups, review of assigned medical histories, and preparation of clinical activities will take place.

Practice L1: Biomechanics Area. L1.1 Biomechanical examination of an adult patient. L1.2 Biomechanical examination of a pediatric patient. L1.3 Biomechanical examination of an athlete.

Practice L2: Orthopodiatry Area. L2.1: Advanced foot molding techniques. L2.2: Design of an orthopodiatric treatment for a complex pathology. L2.3: Monitoring of adaptation and progress of orthopodiatric treatment for a complex pathology.

Practice L3: Chiropody Area. L3.1: Conventional chiropody in complex pathologies. L3.2: Clinical



care for high-risk feet with complex pathology. L3.3: Infiltration procedure in complex pathologies.

Practice L4: Operating Room Roles. L4.1: Preoperative protocol development. L4.2: Interpretation of complementary tests. L4.3: Preparation of the patient, surgical field, and surgical team. L4.4: Anesthesia of the anatomical region to be operated.

A total of 350 hours of podiatric practicum will be completed at the University Podiatry Clinic, with the possibility of fulfilling hours at other healthcare institutions under established collaboration agreements. These practical sessions will include clinical seminars, scheduled patient care, and orthopodiatric treatment preparation in the workshop.

9. Clinical Practice in Healthcare Institutions ¿ Hospital Pare Jofré

Each student will complete four clinical practice sessions at this external center. If, due to the academic calendar, a student can only complete three, an additional clinical practice will be scheduled at the UV Podiatry Clinic. Practice hours at this hospital are from 9:00 AM to 2:00 PM.

These external internships allow students to learn the chiropodological management of dermal and nail lesions in hospitalized patients with chronic illnesses affecting the lower limb.

All clinical activities will take place at the Podiatry Unit of Hospital Pare Jofré and will be supervised by the assigned clinical instructor.

Learning objectives for clinical practice at Hospital Pare Jofré:

1. Familiarize students with clinical care in a hospital setting, its relevance, and trajectory in podiatry.
2. Train students in technical procedures and skills for high-risk, elderly, and special-needs patients.
3. Teach students clinical strategies for treating high-risk patient groups.
4. Enable students to observe and identify high-risk patients.
5. Equip students with the clinical judgment to establish diagnosis, prognosis, and podiatric treatment.
6. Foster the ability to interact with other healthcare professionals.
7. Promote integration within the multidisciplinary health team.

10. Learning Activities

Students must attend at least two tutorials, either in person or online. After the two required sessions, additional tutorials will be arranged as needed to meet the instructional objectives.



WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Podiatric clinical practice	375,00
Total hours	375,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Independent study and work	30,00
Preparation of supplementary reports	25,00
Preparation of the internship report and evaluation of the internship	20,00
Total hours	75,00

TEACHING METHODOLOGY

Theoretical classes

To deliver the theoretical content, the expository method (participatory lecture) will be used, supported by audiovisual media (slide presentations and demonstrative videos), while encouraging active student participation.

Each topic will begin with an introduction to the content and the objectives to be achieved. The main lecture body will last approximately 40¿45 minutes, and the final 5 minutes will be dedicated to summarizing the session, emphasizing the key ideas covered.

To promote active student engagement during the lecture and to go beyond one-way knowledge transmission, instructors will propose and guide various activities, such as:

Reading assignments prior to class (assigned via the Virtual Classroom or in previous sessions) and discussion of those readings during the lecture.

Review of prior knowledge using the ¿brainstorming¿ technique.

Brief questions during the lecture to stimulate student motivation and critical thinking.

In-class activities, such as analyzing or describing a clinical image.

Seminars



The theoretical-practical seminars will be held in a classroom at the University Podiatry Clinic (Clínica Podològica Universitària) of the University of Valencia.

The goals of these seminars are to develop critical thinking, creativity, oral and written communication skills, and professional attitudes and values.

Clinical practicals

In this subject, which has a primarily practical focus, the theoretical knowledge acquired in class will be applied in real clinical situations with patients, allowing students to consolidate the competencies associated with the course.

Clinical practice will involve reception, examination, diagnosis, and treatment of patients in the various service areas of the University Podiatry Clinic (CPU), under the supervision of the instructor or clinical supervisor.

The teaching methods used during these clinical sessions will include:

Demonstration classes: The instructor will provide personalized care to CPU patients to demonstrate procedures and intervention techniques.

Role-playing: After observation, the student group responsible for patient care will replicate the steps shown by the instructor. One student will take on the role of the podiatrist, while the rest assist as needed.

This structure enables the automatization of therapeutic strategies, helping students gain confidence in managing future patients. Any improvements in skill or technique will be positively reinforced by the instructor.

As for role-playing, this method allows the class to simulate clinical situations that may not be frequently encountered due to the variety of podiatric pathologies and diverse patient needs. The instructor will present a specific clinical scenario, and the students, acting as healthcare professionals, will reenact and resolve it. This also aids in applying theoretical knowledge by addressing the learning difficulties observed in each clinical group.

To ensure a logical learning progression, the instructor will take a more active role in the initial sessions and gradually give students more autonomy as they gain skills and confidence

On the first day of class, students will have access to a "Code of Best Clinical Practices" uploaded



to the Virtual Classroom. This document outlines the rules and guidelines to be followed during clinical practice in order to ensure student adaptation to a real clinical environment and high-quality patient care.

It will also explain the importance of each rule and the penalties for non-compliance.

Tutorials

Mandatory attendance.

Students must attend a minimum of two tutorials, either in-person or online, scheduled by mutual agreement on the first day of class.

After the required tutorials, additional sessions will be provided as needed to help students achieve the learning objectives established for the course.

EVALUATION

Assessment of the Theoretical Block

The evaluation of theoretical content will consist of a multiple-choice written exam. This exam will take place within the official exam dates. A minimum score of 5 out of 10 is required in order for the grade to be factored into the overall course evaluation.

Assessment of the Practical Block

To evaluate the final outcome of the practical learning process, a practical exam will be conducted.

Simulation will be used to assess the learning of practical content. In pairs, students will apply various assessment and treatment techniques taught and practiced during the clinical sessions, for a specific pathology. The activity to be carried out will be randomly selected by the student from a set of questions. This test will assess students' professional knowledge, intellectual skills, and appropriate clinical practice. The following criteria will be considered: correct selection of the technique, quality of execution, and accuracy of responses to questions. A minimum score of 5 out of 10 is required in order for this exam to count toward the final grade.

Continuous Assessment of Clinical Practicals (Daily Clinical Activity)

For the continuous assessment of the course *Practicum II*, a clinical practice evaluation rubric will be used at the University Podiatry Clinic (CPU). Students will have prior access to these rubrics. A minimum score of 5 out of 10 is required for this component to be considered in the final course



grade.

Assessment of Formative Activities

The evaluation of the clinical case study will be based on the quality and structure of the content, the use of appropriate medical terminology, and the inclusion of a personal and critical perspective.

Students will be given the evaluation criteria (rubric) in advance.

The assessment of the multimedia video viewing will be conducted through a multiple-choice quiz, which will take place before the end of the course.

Students can earn up to 10 points on this test.

Table of Activities and Grading Subject "Practicum II"

EVALUATION	TYPE OF TEST	SCORE	% FINAL GRADE
Theoretical block	Final written theoretical exam	3 points	30%
Practical block	Practical exam	2 points	20%
Clinical practices	Continuous assessment activities Evaluation by rubrics clinical practices at the CUP	3,5 points	35%
Formative activities	Preparation and presentation of a clinical case	0,5 points	5%
	Final questionnaire multimedia videos	1 point	10%



To have the final grade averaged with the rest of the assessment components, the student must achieve at least a score of 5 out of 10 in the following: Theoretical final exam, practical final exam, continuous assessment of clinical practice, preparation and presentation of the clinical case, final quiz on multimedia video content.

To pass the course, the student must have completed 100% of the clinical practical training program. In exceptional cases, a maximum absence of 20% of total clinical practice hours may be permitted, only when properly justified. Valid justifications include: Student illness, death of a first-degree relative, specific documented circumstances. All mandatory clinical practice sessions must be completed before the official date of the first exam call. If not, they must be completed before the second official exam call to be eligible for evaluation.

The theoretical block will account for 30% of the final grade for the course, while the practical block will represent 20% of the final grade. The continuous assessment of clinical practice in the teaching lab and in healthcare institutions will represent 35% of the final grade. The remaining 15% corresponds to the grade obtained from the preparation and presentation of the clinical case and the final quiz on the multimedia video content.

The final grade will be the sum of the scores obtained in the theoretical block, practical block, continuous evaluation of clinical practice (university and external institutions), and formative activities. To ensure the acquisition of the competencies established for the course, the final grade will only be averaged if the student scores at least 5/10 in each of the components: Theoretical exam, practical exam, continuous evaluation of clinical practice, clinical case study, final multimedia quiz.

In the event that a grade below 5 is obtained in the theoretical and/or practical exam, the grades obtained in the rest of the passed activities will be maintained for the calculation of the final course grade in the second exam session. If a score below 5 is obtained in the continuous assessment block (daily clinical activity) in the first session, the student must take a final exam in the second session to recover this continuous assessment block, and must obtain a grade of 8 out of 10 on this exam in order to average it with the rest of the grades and pass the course. When the student does not pass any of the evaluated parts, the grade obtained below 5 will be the one that appears on the official transcript.

Therefore, to pass the course in the first session, the student must obtain a minimum grade of 5 in each of the evaluated activities and have completed, as a mandatory condition, 100% of the total clinical practice program. To pass the course in the second session, the student must have obtained a minimum grade of 5 in the theoretical exam, practical exam, and formative activities, and have obtained a minimum grade of 8 out of 10 on the specific final exam; in addition to having completed, as a mandatory condition, 100% of the total clinical practice program.

REFERENCES



- UNIDAD TEMÁTICA I - Ahumada Vázquez, J.I. Farmacología práctica para las diplomaturas en ciencias de la salud con autoevaluación; Madrid: Díaz de Santos, DL; 2002. - Barán R, Hay R, Haneke E, Tosti A, Piraccini BM. Onicomycosis. Aproximación actual y su tratamiento. Grafos; 2001. - Gisbert JA. Medicina legal y toxicología. Barcelona: Masson; 1998. - Novel V, Planell E. Podología: Guía práctica. Barcelona: Publicacions i Edicions Universitat de Barcelona; 2005 (2^a ed 2008). - Gómez S, Gómez F. Guía farmacológica de utilización en podología. Barcelona: Nexus Médica Editores; 2010.