

**COURSE DATA****Data Subject**

Code	36250
Name	Practicum II in Adult Patients
Cycle	Grade
ECTS Credits	14.0
Academic year	2024 - 2025

Study (s)

Degree	Center	Acad. Period year
1206 - Degree in Dentistry	Faculty of Medicine and Odontology	5 Annual

Subject-matter

Degree	Subject-matter	Character
1206 - Degree in Dentistry	42 - Prácticas clínicas tuteladas	External Practice

Coordination

Name	Department
FONS BADAL, CARLA	131 - Stomatology
LABAIG RUEDA, CARLOS	131 - Stomatology

SUMMARY

This subject falls within the 5th year programme of the Degree in Dentistry.

Students put into practise the knowledge acquired throughout this degree in an integrated, sequential and ordered way, in order to establish a diagnose and create a treatment plan for adult patients, under professor's supervision.

It does not include theoretical content, as this one is taught through the 4 previous years of the degree.

Students are reminded of the great importance of carrying out evaluation surveys of all the teaching teachers of this subject.



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

1206 - Degree in Dentistry :

R4-OBLIGATION TO HAVE SUCCESSFULLY COMPLETED THE COURSE

34714 - Oral medicine

34715 - Oral surgery

34717 - Dental prosthesis II

34719 - Dental pathology, conservative dentistry and endodontology II

34723 - Periodontics

Other requirements

COMPETENCES (RD 1393/2007) // LEARNING OUTCOMES (RD 822/2021)

1206 - Degree in Dentistry

- Be able to identify the patient's concerns and expectations, and to communicate effectively and clearly, both orally and in writing, with patients, their relatives, the media and other professionals.
- Know how to share information with other health professionals and how to work in a team.
- Be able to prepare an initial diagnosis and establish a reasoned diagnostic strategy, and to recognise situations requiring urgent odontological attention.
- Know and be able to apply basic treatments for the most common dental pathologies in patients of all ages. Therapeutic procedures must be based on minimally invasive techniques and on a global and integrated approach to oral healthcare.
- Know how to plan and carry out multi-disciplinary, sequential and integrated odontological treatments of limited complexity in patients of all ages and in all conditions, and in patients requiring special care.
- Formulate and recommend appropriate preventive measures for each clinical situation.
- Acquire clinical experience under appropriate supervision.
- Module: Introduction to Dentistry - Take dental radiographs, interpret the images obtained and be familiar with other relevant diagnostic imaging techniques.
- Module: Introduction to Dentistry - Identify the main reason for consultation and the history of the current disease. Compile a general medical history of the patient and a medical record that accurately reflects the patient's records.
- Module: Dental Pathology and Therapeutics - Make diagnostic casts, mount them and take interocclusal records.



- Module: Dental Pathology and Therapeutics - Prescribe drugs appropriately, knowing their contraindications, interactions, systemic effects and effects on other organs.
- Module: Dental Pathology and Therapeutics - Apply loco-regional anaesthesia techniques.
- Module: Dental Pathology and Therapeutics - Prepare and isolate the operating field.
- Module: Dental Pathology and Therapeutics - Manage acute infections, including prescription and simple surgical aspects.
- Module: Dental Pathology and Therapeutics - Treat dental-alveolar trauma in temporary and permanent teeth.
- Module: Dental Pathology and Therapeutics - Assess and treat the patient with caries or other non-carious dental pathology and be able to use all materials aimed at restoring the shape, function and aesthetics of teeth in patients of all ages.
- Module: Dental Pathology and Therapeutics - Identify and correct oral habits that may cause or exacerbate malocclusions.

LEARNING OUTCOMES (RD 1393/2007) // NO CONTENT (RD 822/2021)

Students will be able to make a diagnosis according to the oral pathology that an adult suffers from. In order to do that, they have to know the basic sequence of an oral examination, compile a detailed clinical history and correctly interpret radiological and analytical tests, and the analysis of models.

Students can pose one or several treatment plans depending on the diagnosis.

Students will be able to do a periodontal abscess, a treatment for periodontal scaling and root planing.

They will have the skills to perform a simple exodontia (dental extraction).

Students will be able to finalise a root canal treatment (uniradicular or biradicular).

Students will be prepared for filling cavities regarding dental surgery. They should also know how to handle composites and dentin bonding systems.

They will perform reconstructions of teeth undergoing endodontic treatment.



Students will know the steps to be followed when carving teeth and do dental preparations in order to host crowns, bridges and laminated fronts. They will execute captures with elastomeric materials. Fitting of prosthesis and their cementation.

Students will design removable prosthesis and their clinical sessions.

Students will know the maintenance and review procedures of several treatments used.

Students will know how to prescribe pharmacological treatments when necessary.

DESCRIPTION OF CONTENTS

1. THEORETICAL CONTENT

There is no theoretical content since it has been developed in the previous 4 years of the degree. All of this means that master classes will not be given throughout the course, but rather clinical sessions organized into thematic units with an eminently practical nature will be held. The student will put into practice all the knowledge acquired throughout the degree in an integrated, sequential and orderly manner, to establish a diagnosis and carry out a treatment plan for adult patients, under the supervision of the teacher.

2. THEMATIC UNIT 1: RECEPTION AND MANAGEMENT OF THE ADULT PATIENT

CLINICAL SESSION 1: The first visit. Reception of the adult patient. Expectations and motivation. Clinical and psychological management.

CLINICAL SESSION 2: Student motivation regarding the approach to the adult patient. Psychology applied to knowledge of the personality of patients.

CLINICAL SESSION 3: Importance of hygiene and periodontal status in the design of the diagnosis and its influence when facing treatments.

3. THEMATIC UNIT 2: PAIN CONTROL

CLINICAL SESSION 4: Pain control in the adult patient.

CLINICAL SESSION 5: Local anesthetic techniques and their complications.

CLINICAL SESSION 6: Medical evaluation of the patient and anesthesia based on their characteristics and the different treatments.



4.

THEMATIC UNIT 3: PERIDONTAL TREATMENT OF THE ADULT PATIENT

THEMATIC UNIT 3: PERIDONTAL TREATMENT OF THE ADULT PATIENT

CLINICAL SESSION 7: Periodontal study and treatment planning. Basic periodontal treatment.

CLINICAL SESSION 8: Advanced periodontal treatment.

CLINICAL SESSION 9: Peri-implantitis Treatment.

CLINICAL SESSION 10: Periodontal and peri-implant maintenance.

5. THEMATIC UNIT 4: TREATMENT OF DENTAL PATHOLOGY IN THE ADULT PATIENT

CLINICAL SESSION 11: Dental isolation techniques.

CLINICAL SESSION 12: Cameral approach and endodontic techniques. The apical seal.

CLINICAL SESSION 13: Treatment of endo-periodontal pathology.

CLINICAL SESSION 14: Reconstruction and reinforcement of the endodontic tooth.

CLINICAL SESSION 15: In vital and non-vital teeth whitening.

6. THEMATIC UNIT 5: ADHESION APPLIED TO RESTORATIVE TREATMENT IN THE ADULT PATIENT

CLINICAL SESSION 16: Dental adhesion.

CLINICAL SESSION 17: Layering and handling of composite resins.

CLINICAL SESSION 18: Selection of ceramics based on the dental substrate.

CLINICAL SESSION 19: Dental restoration using adhesive ceramics.

7. THEMATIC UNIT 6: PROSTHODONTIC TREATMENT IN THE ADULT PATIENT

CLINICAL SESSION 20: Clinical sessions applied to Complete Prosthesis.

CLINICAL SESSION 21: Clinical sessions applied to the Removable Partial Prosthesis.

CLINICAL SESSION 22: Clinical sessions applied to Fixed Prosthesis. Oral rehabilitation

CLINICAL SESSION 23: The use and management of overdentures in the adult patient.

CLINICAL SESSION 24: Periodontal considerations before prosthetic treatment.

CLINICAL SESSION 25: Treatment of temporomandibular joint pathology.

8. THEMATIC UNIT 7: HEALTH MAINTENANCE AND TREATMENTS

CLINICAL SESSION 26: Specific dental care for the maintenance of dental health and the treatments received.

CLINICAL SESSION 27: The adult patient considered comprehensively. Presentation of clinical cases.

CLINICAL SESSION 28: The adult patient considered comprehensively. Treatment plan and laboratory sessions.



WORKLOAD

ACTIVITY	Hours	% To be attended
Odontology practices	280,00	100
Study and independent work	44,00	0
Preparation of practical classes and problem	42,00	0
Resolution of case studies	124,00	0
TOTAL	490,00	

TEACHING METHODOLOGY

In each clinical session, students will have an appointment with a patient. For that, each one of them will work as an operator for 2 hours and will be helped by his/her box partner. In the next 2 hours, both of them will exchange their functions as operator and assistant.

After the first clinical visit, students will present a diagnosis and a treatment plan for each patient in a written form, and once the professor approves it, they should incorporate it on the software programme of the Dental Clinic.

Students will work coordinating with their practicum professor so that they can be supervised and assisted in each clinical step followed in treatments.

Steps which need to be followed in order to perform several treatment plans will be specified in clinical sessions at the beginning of each clinical practice.

Students will have to attend clinical sessions on Clinical Pharmacology (20 hours).

The gender perspective, respect for diversity and the sustainable development goals (SDGs) will be incorporated into teaching, whenever possible.

EVALUATION

Practicum II for Adult Patients: Evaluation criteria.

60% CLINICAL PRACTICES: Continuous evaluation by the practice teacher of the attitudes and aptitudes, as well as the skills developed by the student during the practices of the Academic Course. The teacher will record the treatments carried out by the student in his practice notebook, grading them and reporting inappropriate attitudes and skills.

Attendance at practical activities is mandatory. The student is considered to meet this requirement if he or she has attended a minimum of 80% of these activities and has adequately justified the impossibility of attending the remaining sessions due to the occurrence of a cause of force majeure. A number greater than 3 absences from clinical practices will result in a failure in these.



It will be essential to obtain a 50% grade in clinical practices to be able to access and average with the written exam on clinical cases.

Failure in clinical practices means repeating these practices during the following academic year.

If the professor's evaluation of the clinical practices during the first semester of the course in which the student repeats is favorable, and the student is in a position to request an Extraordinary End of Degree Call, he or she may take the written exam during the exam period of the month of January.

40% WRITTEN EXAM CLINICAL CASES: those students who obtain a grade of 50% in clinical practices will be able to access the written exam where during a period of 2 hours they must respond in writing to 10 clinical situations presented with the support of slides and 2 Clinical Pharmacology approaches. . The student must obtain a grade of 50% in said written exam, both in clinical cases and in Clinical Pharmacology, to average with their grade obtained in clinical practices. If you fail this exam, you will be able to recover it in the July session.

It is a requirement to access the advance call for this subject that the student has completed all of his/her practices.

Students are reminded of the importance of completing the surveys. evaluation of all teachers of the degree subjects.

L'assistència a les activitats pràctiques és obligatòria. Es considera que l'estudiant complix amb este requisit si ha assistit a un mínim del 80% d'estes activitats i ha justificat adequadament la impossibilitat d'assistir a les sessions restants per la concurrència d'una causa de força major. Serà imprescindible complir amb este requisit per a aprovar l'assignatura.

REFERENCES

Basic

- Odontología Integrada para Adultos. Prof. Jaime del Rio Highsmith. Editorial PUES, S.L. Madrid, 1999 y 2003.
- Practicum en Clínica Odontológica Integrada de Adultos. Prof. J. Luis Calvo Guirado. Ed. Diego Marín. Murcia, 2010.
- Guía Teórico-Práctica para Clínica Odontológica Integrada de Adultos. Ed. Diego Marín. Murcia, 2011.
- Apredizaje basado en el problema en Odontología Integrada de Adultos e Implantología. Ed. Marin. Murcia, 2011.
- RECURSOS e-Salut:
 - ClinicalKey Student Medicina, Odontologia y Enfermería
[<https://uv-es.libguides.com/RecursosSalut>]
 - Acces Medicina
[https://uv-es.libguides.com/Access_Medicina]
 - Médica Panamericana
[https://uv-es.libguides.com/Medica_Panamericana]