

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

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|----------------------|-------------|
| Code | 34487 |
| Name | Dermatology |
| Cycle | Grade |
| ECTS Credits | 4.5 |
| Academic year | 2021 - 2022 |

Study (s)

| Degree | Center | Acad. year | Period |
|---------------------------|------------------------------------|-------------------|---------------|
| 1204 - Degree in Medicine | Faculty of Medicine and Odontology | 4 | First term |

Subject-matter

| Degree | Subject-matter | Character |
|---------------------------|---------------------------------|------------------|
| 1204 - Degree in Medicine | 15 - Human clinical training IV | Obligatory |

Coordination

| Name | Department |
|--------------------------|-------------------|
| ALEGRE DE MIQUEL, VICTOR | 260 - Medicine |

SUMMARY

The discipline of Medical-Surgical Dermatology and Venereology is the branch of the Medicine that deals with the knowledge of the human skin, including skins appendages and accessible mucosa and of the diseases that affect it primarily or secondarily, as well as the methods for the preservation or recuperation of the cutaneous normality. The Venereology deals with sexually transmitted diseases or sexually transmitted infections and with thigh percentage of sign and symptoms of the skin and mucosa.

The skin is the organ that protects the organism from the exterior world and the reference or resonance organ of the internal pathology, so the student needs to know it to understand the whole internal medicine.

The general objectives that we set with our discipline is to form professionals, in the branch of the Dermatology and Venereology, who acquire the theoretical and practical knowledge, attitudes and skills that allow them to solve and guide the medical situations of this subject through the observation and exploration of the skin, to relate the pathology with internal diseases and to know the multiple diagnostic methods that we currently have in order to achieve a right diagnosis and to guide a proper treatment.



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

1204 - Degree in Medicine

- Obtain and elaborate a clinical history with relevant information.
- Perform a physical examination and a mental health assessment.
- Have the capacity to make an initial diagnosis and establish a reasonable strategy of diagnosis.
- Establish the diagnosis, prognosis and treatment, applying principles based on the best information available and on conditions of clinical safety.
- Indicate the most accurate therapy in acute and chronic processes prevailing, as well as for terminally ill patients.
- Plan and propose appropriate preventive measures for each clinical situation.
- Acquire proper clinical experience in hospitals, health care centres and other health institutions, under supervision, as well as basic knowledge of clinical management focused on the patient and the correct use of tests, medicines and other resources available in the health care system.
- Know how to use the sources of clinical and biomedical information available, and value them critically in order to obtain, organise, interpret and communicate scientific and sanitary information.
- Know how to use IT in clinical, therapeutic and preventive activities, and those of research.
- Understand the importance and the limitations of scientific thinking in the study, prevention and management of diseases.
- Organizar y planificar adecuadamente la carga de trabajo y el tiempo en las actividades profesionales.
- Capacidad para trabajar en equipo y para relacionarse con otras personas del mismo o distinto ámbito profesional.
- Criticism and self-criticism skills.
- Capacity for communicating with professional circles from other domains.
- Acknowledge diversity and multiculturality.
- Consideration of ethics as a fundamental value in the professional practise.
- Working capacity to function in an international context.
- Recognises, diagnoses and guides the management of the main skin pathologies.



- Understands the characteristics of sexually transmitted diseases.
- Is aware of tumour disease, its diagnose and management.
- Is aware of the main infectious agents and their mechanisms of action.
- Recognises, diagnoses, and guides the management of the main pathologies affecting the immune system.
- Is aware of the characteristics of prevalent pathologies in the case of elders.
- Knows how to perform a complete anamnesis, focused on the patient and orientated to various pathologies, interpreting its meaning.
- Knows how to evaluate modifications in clinical parameters at different ages.
- Knows how to set an action plan, focused on the patient?s needs and the family and social envionment, which should be coherent regarding the patient?s symptoms and signs.

1. Acquisition of knowledge of the main clinical symptoms that involve the most frequent nosologic entities.
2. Acquisition of attitude and skill to develop a proper and correct acting in the dermatosis.
3. Acquisition of the skill to identify ad treat the most frequent dermatosis and evaluate its derivation to a specialized centre in its case.

DESCRIPTION OF CONTENTS

1. THEORETICAL TEACHING: expositive method with active participation, students' questions and the students must recognize, diagnose and guide its management in the following points:

1. Skin anatomy. Skin functions. Elemental injuries. Histological patterns used in the diagnosis of dermatosis.
2. Cutaneous viral infections.
3. Cutaneous fungal infections.
4. Zoonosis.
5. Sexually transmitted diseases.
6. Acne. Rosacea. Alopecia.
7. Hives and toxicoderma.
8. Psoriasis.
9. Aphotosis and lichen planus.
10. Ichthyosis epidermolysis bullosa.
11. Atopic and seborrheic dermatitis.
12. Contact dermatitis and photo-dermatosis.
13. Blistering diseases.
14. Cutaneous manifestations of the collagenosis.
15. Benign cutaneous tumours.
16. Non-melanoma cutaneous cancer.



17. Nevus and melanoma.

2. PRACTICAL TEACHING

SEMINARS

1. Cutaneous bacterial infections.
2. Manifestations of some systemic diseases: neurocristopathology and metabolic.
3. Emergencies in dermatology and vasculitis.
4. Benign and malignant pigmentary diseases.
5. Lymphomas.

CLINICAL CASES AND PROBLEM SOLVING

CLINICAL PRACTICES

WORKLOAD

| ACTIVITY | Hours | % To be attended |
|---------------------------------|---------------|------------------|
| Seminars | 24,00 | 100 |
| Theory classes | 19,00 | 100 |
| Clinical practice | 13,02 | 100 |
| Study and independent work | 40,00 | 0 |
| Readings supplementary material | 4,25 | 0 |
| Preparing lectures | 6,00 | 0 |
| Resolution of case studies | 6,00 | 0 |
| TOTAL | 112,27 | |

TEACHING METHODOLOGY

In the **theoretical lessons**, the teacher will expose, through master class, the most important concepts and contents in a structured way, to obtain the knowledge and skills that the students must acquire. The students' participation will be encouraged. The teaching materials used by the professor will be available, if he considers it appropriate, through the electronic resource Aula Virtual.

Classroom practices: **seminars**. In small groups, the teacher will set specialized topics in depth, case studies, bibliography handling, current topics... the group work and oral presentation will be encouraged. It can be understood as "cooperative learning".

Clinical practices: students' clinical practices in sanitary services in the different university hospitals, primary health centres, mental health centres, public health areas, in order to learn how to perform an anamnesis and basic clinical explorations, with a first contact with patients, supervised by the professor.



EVALUATION

The final assessment of the discipline will be made by:

- **Theoretical assessment** at the end of the course in which the 50% will correspond to the final score. The evaluation method will consist on answering 50 multiple choice test questions, with 5 options. Each fault answer will discount 0,25 points. The exam will be about the content of the theoretical program and will have as the main objective to assess the acquisition of knowledge. The content of the test will be the same for each group of the same subject.

- **Practical assessment:** 50% of the final mark. There will be a practical assessment at the end of the course and it will be made through the presentation of 10 clinical cases with slides in which the students must answer 3-4 questions about it, regarding the description of the elemental lesion, diagnostic proposal and differential diagnosis, diagnostic method and treatment proposals among others.

In order to access to an advance on the call of this subject, it is a requirement that the student has coursed all his/her practices.

Attendance to practical sessions is mandatory. Unjustified non-attendance to more than 20% of the sessions will make it impossible to pass the course.

REFERENCES

Basic

- FITZPATRICK, THOMAS B. Atlas color y sinopsis de dermatología clínica (2001) McGraw-Hill / Interamericana de España, S.A. 84-486-0373-7
- FERRÁNDIZ, C. Dermatología clínica. Elsevier España, S.A. (2001) 84-8174-537-5
- IGLESIAS DÍEZ, L.; GUERRA TAPIA, A.; ORTIZ ROMERO, P.L. Tratado de dermatología (2003) McGraw-Hill / Interamericana de España, S.A. 84-486-0556-X

ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

Seguindo las recomendaciones del Ministerio, la Consellería y el Rectorado de nuestra Universidad, para el período de la "nueva normalidad", la organización de la docencia para el primer cuatrimestre del curso 2021-22, seguirá un modelo híbrido, donde tanto la docencia teórica como práctica se ajustará a los horarios aprobados por la CAT pero siguiendo un modelo de Presencialidad / No presencialidad en la medida en que las circunstancias sanitarias y la normativa lo permitan y teniendo en cuenta el aforo de las aulas y laboratorios docentes. Se procurará la máxima presencialidad posible y la modalidad no presencial se podrá realizar mediante videoconferencia cuando el número de estudiantes supere el coeficiente de ocupación requerido por las medidas sanitarias. De manera rotatoria y equilibrada los



estudiantes que no puedan entrar en las aulas por las limitaciones de aforo asistirán a las clases de manera no presencial mediante la transmisión de las mismas de manera síncrona/asíncrona via “on line”.

