UAB
Universitat Autònoma de Barcelona

Clinical Placement in Internal Medicine

Code: 106707
ECTS Credits: 5

2024/2025

Degree	Type	Year
2502442 Medicine	OB	6

Contact

Name: Ricard Comet Monte

Email: ricard.comet@uab.cat

Teachers

Maria Cristina Tural Llacher

Maria Roser Solans Laque

Jose Antonio Montiel Dacosta

Teaching groups languages

You can view this information at the end of this document.

Prerequisites

It is advisable that students do not have any matter of the previous courses pending approval, especially those with content related to medical pathology.

It is desirable to have achieved sufficient knowledge in: Biostatistics, Bioethics and communication, Epidemiology, Pathophysiology and clinical semiology, Medical pathology, Clinical pharmacology, as well.

Knowledge of a third language, preferably English, is also recommended.If you have not passed the following subjects, it should be incompatible: Medical Physiology I and II, Human Anatomy, Medical Psychology, Structural and Molecular Pathology, General Pharmacology, Pathophysiology and Clinical Semiology, Epidemiology, MIC I, II, III and IV.

The student will acquire the commitment to preserve the confidentiality and professional secrecy of the data to which he may have access due to the learning in the care services, as well as to maintain an attitude of professional ethics in all his actions.

Objectives and Contextualisation

The subject corresponds to the last year of the Degree in Medicine (6th year), once the student already knows the scientific basis of medicine and the different medical pathologies.

The general objective is that the student, integrating into the care teams, consolidates the previous knowledge and reaches the clinical, communicative and search skills and management of relevant scientific information to be able to:

-Recognize basic health problems and make reasoned proposals for their solution, using appropriate sources of clinical and biomedical information, interpreting the results obtained in a scientific manner.

-Communicate clearly and effectively with other health professionals, patients and their families.

-Update knowledge autonomously.

In order to achive these objectives, he/she should be able to:

-Prepare a medical history in a structured way.

-Do a complete physical examination.

-Elaborate a reasoned differential diagnosis.

-Formulate a diagnostic hypothesis.

-Justify the diagnostic tests to be requested.

-Correctly interpret the results obtained with them.

-Propose an appropriate treatment.

-Inform the patient and relatives.

-Write an explanatory report.

-Use ICTs to access clinical and biomedical databases, obtain relevant information and communicate.

Competences

- Be able to work in an international context.
- Communicate clearly and effectively, orally and in writing, with patients, family-members and accompanying persons, to facilitate decision-making, informed consent and compliance with instructions.
- Communicate clearly, orally and in writing, with other professionals and the media.
- Critically assess and use clinical and biomedical information sources to obtain, organise, interpret and present information on science and health.
- Demonstrate sufficient supervised clinical experience in hospitals or other healthcare centres, and familiarity with patient-centred care management and the correct use of tests, medicines and other resources of the healthcare system.
- Empathise and establish efficient interpersonal communication with patients, family-members, accompanying persons, doctors and other healthcare professionals.
- Engage in professional practice with respect for patients' autonomy, beliefs and culture, and for other healthcare professionals, showing an aptitude for teamwork.
- Listen carefully, obtain and synthesise relevant information on patients' problems, and understand this information.
- Maintain and sharpen one's professional competence, in particular by independently learning new material and techniques and by focusing on quality.
- Maintain and use patient records for further study, ensuring the confidentiality of the data.
- Use information and communication technologies in professional practice.

Learning Outcomes

1. Access the healthcare protocols for the different components of the pathology.
2. Analyse patient records systematically.
3. Analyse the limitations to the interpretation of behaviour from non-verbal comunication.
4. Apply the basic elements of bioethics (patients' rights, doctors' obligations).
5. Apply the theoretical knowledge of the pathology acquired during the bachelor's degree to clinical practice.
6. Be able to work in an international context.
7. Collaborate on simple clinical and surgical manoeuvres after supervised practice on simulators.
8. Communicate appropriately with patients and their family-members.
9. Communicate clearly, orally and in writing, with other professionals and the media.
10. Consult patient records appropriately and keep them in order.
11. Correctly describe the criteria for hospitalisation.
12. Describe the communication process and its effect on the professional caregiverpatient relationship.
13. Detect emotions through non-verbal communication in a context of patient-health professional relationship.
14. Detect how verbal and non-verbal behaviour can be linked in a context of patient-health professional relationship.
15. Draft medical instructions, reports on consultations and treatment, official reports and certificates.
16. Explain the elements to be considered when assessing patients' role in decision-making on their health and on the medical attention they receive at their primary healthcare centres.
17. Identify basic emotions in primary healthcare patients through the interaction between the different non-verbal components.
18. Identify the basic elements of the face-to-face doctorpatient interview in a context of high accessibility and longitudinal care.
19. Identify the basic rules of pharmacotherapy in adults and children.
20. Identify the different components of non-verbal communication in a context of patient-health professional relationship.
21. Identify the presentation forms of the different pathological processes.
22. Involve patients in decisions on the health-illness process.
23. Know the basic elements of the communication of clinical research results.
24. Maintain and sharpen one's professional competence, in particular by independently learning new material and techniques and by focusing on quality.
25. Observe the therapeutic approach, the clinical course and its prevention in cases where this is possible.
26. Participate in discussions to solve the clinical problems being faced.
27. Perform an anamnesis and a complete physical examination by systems on adults and children.
28. Prepare a complete patient record systematically.
29. Take an active part in care tasks: preparing patient records, requesting complementary studies (laboratory, imaging techniques) when needed and helping to focus the patient record.
30. Use information and communication technologies in professional practice.

Content

The subject corresponds to the last year of the Degree in Medicine (6th year), once the student already knows the scientific basis of medicine and the different medical pathologies.

The general objective is that the student, integrating into the care teams, consolidates the previous knowledge and reaches the clinical, communicative and search skills and management of relevant scientific information to be able to:

-Recognize basic health problems and make reasoned proposals for their solution, using appropriate sources of clinical and biomedical information, interpreting the results obtained in a scientific manner.

-Communicate clearly and effectively with other health professionals, patients and their families.

-Update knowledge autonomously.

To do this, he/she should know how to:

-Prepare a medical history in a structured way.

-Do a complete physical examination.

-Elaborate a reasoned differential diagnosis.

-Formulate a diagnostic hypothesis.

-Justify the diagnostic tests to be requested.

-Correctly interpret the results obtained with them.

-Propose an appropriate treatment.

-Inform the patient and relatives.

-Write an explanatory report.

-Use ICTs to access clinical and biomedical databases, obtain relevant information and communicate.

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Clinical Practices	68	2.72	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30
Type: Autonomous			
Elaboration of Works	10	0.4	6, 9, 30
Personal study	30	1.2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30
Reading articles and documents of interest	10	0.4	24

The subject will be taught in two ways:

PCA in a medical service

Autonomous activities: personal study, reading articles and documents of interest and elaboration of Works (clinical case)

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Practical assessment: structural objective clinical assesssment (ACOEs)	40% of the final mark	2	0.08	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30
Practical evaluation	60% of the final mark	5	0.2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

This subject does not provide the single assessment system

-Rotation (60%):

-Continuous evaluation of the stay in the medical service 36% *

-Presentation of a clinical case 24% **

-ACOEs (40%):

-Practical part 20%

-Theoretical Part 20%

*Rotation: During the hospital rotation, medical records, admission notes, list of problems, differential diagnoses and other activities that the area manager finds appropriate, such as attendance at clinical sessions / hospital conferences, will be evaluated.

Assessment			Notes*		
Attendance and punctuality	1	2	3	4	5
Attitude	1	2	3	4	
Participation and integration	1	2	3		
Initiative	1	2			
Communication	1	2			

*the student will be considered Eligible if he reaches a sum equal to or greater than 11/16

Bibliography

In general, the recommended in all subjects of the career. We recommend consulting the Digital Library of the Faculty of Medicine of the UAB (https:// www.uab.cat/web/guies-tematiques/medicina- 1345711614714.html), as well as the phisical libraries of each Teaching Unit.

Farreras Rozman. Internal Medicine, 19th edition.
https://bibcercador.uab.cat/permalink/34CSUC_UAB/1c3utr0/cdi_proquest_ebookcentral_EBC7045003

Harrison. Principles of Internal Medicine, 21st edition.
https://bibcercador.uab.cat/permalink/34CSUC_UAB/avjcib/alma991010637433606709

Macleod. Clinical Examination, 13th edition. Douglas, Graham ; Nicol, Fiona ; Robertson, Colin.
https://bibcercador.uab.cat/permalink/34CSUC_UAB/1c3utr0/cdi_proquest_ebookcentral_EBC3429524

Internet Sites:

Pubmed: https://bibcercador.uab.cat/permalink/34CSUC_UAB/1eqfv2p/alma991000236199706709

-Google Scholar: https://bibcercador.uab.cat/permalink/34CSUC_UAB/1eqfv2p/alma991010392061906709

-Scielo: https://bibcercador.uab.cat/permalink/34CSUC_UAB/cugbhl/alma991010760035206709

-Uptodate: https://www.uptodate.com/contents/search (not available in the UAB catalogue).

Software

No specific software required

Language list

Information on the teaching languages can be checked on the CONTENTS section of the guide.