

Medical Clinical Practical I

Code: 103621
ECTS Credits: 3

Degree	Type	Year	Semester
2502442 Medicine	OT	4	0
2502442 Medicine	OT	5	0
2502442 Medicine	OT	6	0

Contact

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Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: No

Teachers

Manuel Monreal Bosch
Jorge Valles Daunis
José María Guerra Ramos

Prerequisites

It is advisable that the student has reached the competences developed during the previous courses. Sufficient knowledge about the psychological basis of health and disease states is desirable, as well as an adequate level of knowledge in interpersonal communication.

The student will acquire the commitment of preserving the confidentiality and professional secrecy of the data to which he / she may have access because of the learning in the assistance services. Also to maintain an attitude of professional ethics in all its actions.

Objectives and Contextualisation

It is an optional subject that can be taken from the fourth year and whose general objective is that the student becomes familiar with the professional practice in real context.

Competences

- Medicine
- Communicate clearly, orally and in writing, with other professionals and the media.
- Demonstrate understanding of the causal agents and the risk factors that determine states of health and the progression of illnesses.
- Demonstrate understanding of the manifestations of the illness in the structure and function of the human body.

- Demonstrate understanding of the mechanisms of alterations to the structure and function of the systems of the organism in illness.
- Demonstrate understanding of the structure and function of the human organism in illness, at different stages in life and in both sexes.
- Demonstrate, in professional activity, a perspective that is critical, creative and research-oriented.
- Formulate hypotheses and compile and critically assess information for problem-solving, using the scientific method.
- Indicate the basic diagnosis techniques and procedures and analyse and interpret the results so as to better pinpoint the nature of the problems.
- Indicate the most suitable treatment for the most prevalent acute and chronic processes, and for the terminally ill.
- Maintain and sharpen one's professional competence, in particular by independently learning new material and techniques and by focusing on quality.
- Obtain and prepare a patient record that contains all important information and is structured and patient-centred, taking into account all age and gender groups and cultural, social and ethnic factors.
- Perform the basic practical procedures of examination and treatment.
- Recognise and take action in life-threatening situations and others that require an immediate response.
- Use information and communication technologies in professional practice.

Learning Outcomes

1. Categorise emergency situations in accordance with the available indices of seriousness.
2. Communicate clearly, orally and in writing, with other professionals and the media.
3. Demonstrate, in professional activity, a perspective that is critical, creative and research-oriented.
4. Describe the general and local factors that affect the development of diseases.
5. Describe the pain mechanisms and other common symptoms in the terminal phase and establish a treatment plan.
6. Establish a diagnostic and therapeutic approach in emergencies.
7. Establish clear and effective communication with patients and their family-members.
8. Explain the mechanisms of radiological image and anatomopathological alterations of the commonest diseases of the different body systems.
9. Formulate hypotheses and compile and critically assess information for problem-solving, using the scientific method.
10. Identify images that do not correspond to normal variants.
11. Identify the affection on organs and systems of diseases of the blood, cardiovascular system, respiratory system, digestive system, nervous system, renal system and musculoskeletal system.
12. Identify the biochemical, cytogenetic and molecular biology markers applied to clinical diagnosis of importance in diagnostic imaging: radiological-anatomopathological.
13. Identify the radiological and anatomopathological alterations of the commonest diseases in the different body systems, at different stages in life and in both sexes.
14. Interpret the most specific images in the most common pathologies.
15. Maintain and sharpen one's professional competence, in particular by independently learning new material and techniques and by focusing on quality.
16. Relate clinical findings to those of imaging tests.
17. Understand the manifestations of the main pathologies on the structure and function of the human body.
18. Use information and communication technologies in professional practice.

Content

Clinical area

Stay in services in the area of medicine during which the student will observe:

- General aspects of the clinical relationship and the concepts of health and disease
- Care methodology

- Etiology, physiopathology, semiology and clinical propaedeutics, large syndromes and manifestations of diseases
- Diagnostic and therapeutic procedures of the most frequent diseases
- Functional exploration of the different devices and systems

The clinical experience will be completed with assistance to a minimum of three sessions of the following: clinical clinics, case histories, case registration, mortality, clinical-pathological, bibliographic, specific continuing education, or other than the service have programmed.

Methodology

This guide describes the framework, contents, methodology and general rules of the subject, in accordance with the current curriculum. The final organization of the subject with respect to the number and size of groups, distribution in the calendar and dates of examinations, specific evaluation criteria and review of exams, will be specified in each of the hospital teaching units (UDH), which will make it explicit through its web pages and the first day of class of each subject, through the professors responsible for the subject at the UDH.

For the current course, the professors appointed by the departments responsible for the subject at the faculty level and the UDH are: Vicent Fonollosa

Responsible department (s): Medicine

UDHSP José Guerra Ramos jguerra@santpau.cat

UDHVVH Vicent Fonollosa vfonollo@vhebron.net

UDHGTIP Manuel Monreal Bosh mmonreal.germanstrias@gencat.cat

UDHPT Emili Díaz ediaz@tauli.cat

Teaching typology: Practicum

The student joins the activities of a health care service for a week (5 days), 6 hours a day, to observe and / or perform assistance, training or research tasks in a supervised manner. During the stay you will register the activity carried out in order to complete the summary portfolio of the stay. This summary, together with the opinion of the tutor of the scheduled stay, will be the basis of the evaluation.

Functioning

The interested student has to search by his own means for a tutor (he must be a UAB professor) and a clinical service, or hospital department of the medical area where the activity is to be developed, which must have a minimum duration of 30 hours, be outside school hours and be different from the practices carried out in the subjects of the curriculum. Primary care centers are excluded.

The student will give the tutor a proposal of activity (use the specific sheet) where the content of the same will be stated and its approval. The completed application must be submitted to the Academic Management and information point in order for the UD Coordinator to approve the activity. Once authorized, the Academic Management will summon the student to collect the authorization and the summary sheet of the activity and of the qualification.

At the end of the period, the student will obtain the qualification of the activity that has been carried out, with the signature of the responsible professor or tutor and seal of the service.

The student has to take the document (proposal, summary and grade) to the Academic Management and information point.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
CLINICAL PRACTICE	15	0.6	1, 17, 2, 3, 4, 6, 9, 12, 10, 13, 15
Type: Supervised			
CLINICAL PRACTICE	15	0.6	1, 17, 2, 3, 4, 6, 9, 12, 10, 13, 15
Type: Autonomous			
PERSONAL WORKS / PERSONAL STUDY/READING ARTICLES / REPORTS OF INTEREST	43	1.72	1, 17, 2, 3, 4, 6, 9, 12, 10, 13, 15, 18

Assessment

During the scheduled stay, the student will record the most significant clinical experiences and summarize the content of the sessions in which he has participated. This documentation will be delivered at the end of the stay to the tutor of the same and will form the basis of its evaluation. The record of activities includes the summary of the learning, of all the tasks that you have done and of the sessions in which you have participated.

The tutor responsible for the student will monitor the fulfillment of the programmed objectives on a daily basis.

To pass the subject, the student must have attended at least 80% of the programmed activities and passed the evaluation of the activity registration document.

Students who do not take the theoretical and practical assessment tests will be considered as not evaluated, exhausting the rights to the registration of the subject

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
CLINICAL PRACTICE	50%	2	0.08	1, 17, 2, 3, 4, 5, 7, 6, 8, 9, 12, 10, 11, 13, 14, 15, 16, 18
Reports	50%	0	0	17, 2, 3, 4, 7, 6, 9, 12, 10, 14, 15, 16, 18

Bibliography

Consult the specific bibliography of the teaching guides of the different subjects of the human clinical training modules, diagnostic and therapeutic procedures and social medicine, communication skills and initiation to research.