

26784 - Supervised Practice

Syllabus Information

Academic year: 2024/25

Subject: 26784 - Supervised Practice

Faculty / School: 104 - Facultad de Medicina

Degree: 304 - Degree in Medicine

ECTS: 30.0

Year: 5

Semester: Second semester

Subject type: Compulsory

Module:

1. General information

This subject is part of the 10th semester of the undergraduate program. It aims at the total involvement of the students in the Medical and Surgical Services, and in the Primary Care Centres of the different specialties in the rotation modules. The ultimate goal is the proactive incorporation of the student in the daily clinical activities of attention and care of patients in the different Services. Teaching is based on 6 Rotation Modules: Surgery, Medicine, Obstetrics and Gynaecology, Paediatrics, Family Medicine and Psychiatry.

These approaches and objectives are aligned with the Sustainable Development Goals (Agenda 2030 of the United Nations). Subject learning provides training and competence to contribute to its achievement (Goal 3: Health and wellness; Goal 4: Quality education)

2. Learning results

MEDICINE.

Collect the signs and symptoms that compel the patient to consult with the physician and record them in a document. Be able to perform a complete anamnesis focused on the main manifestations of the clinical signs, oriented to the different pathologies and interpreting their meaning. Be able to perform a physical examination by apparatus and systems, interpreting its meaning. Make a diagnostic orientation based on the data collected. Request complementary tests appropriate to the differential diagnosis. Be able to evaluate and link in a reasoned way the basic analytical modifications, ECG alterations, basic radiology and other complementary explorations appropriately indicated.

Establish the most appropriate diagnosis in clinical situations. Provide adequate information on the process that affects the patient taking into account ethical aspects. Plan an appropriate treatment for all medical circumstances as well as the patient's personal circumstances. Show professional and social skills related to the care environment in which the student works. Know how to adequately plan clinical work in different care settings. Reflect on the limits in health care provided to patients in different specialties.

PEDIATRICS.

Acquire skills in the anamnesis to obtain the clinical information that allows the elaboration of a correct medical record, obtain physical examination in the paediatric age. Know how to use precise tools to adapt the interview to the peculiarities of each paediatric age. Clinical interview with parents. Teenager interview. Know how to perform a complete physical examination in the different paediatric ages, interpreting its meaning and use correctly the growth charts. Be able to establish a clinical reasoning with identification of problems, elaboration of diagnostic hypothesis, differential diagnosis according to the patient's age and to choose the appropriate complementary tests. Establish a therapeutic and preventive action plan, focused on the needs of the patient and their family and social environment.

SURGERY.

Taking a clinical history and appropriate clinical examination manoeuvres. Reasoned request for complementary tests and interpretation of the same. Preparation of a patient for surgery and post-operative patient management, including surgical wound care. Perform a suture. To know the indications of the surgery in the main pathologies. Getting to know an operating room and moving around in it

OBSTETRICS AND GYNECOLOGY.

1.-**Faced with** a patient in the obstetrical office, the learner should acquire and demonstrate the ability to: Obtain the medical record, analyse personal and family history and current symptoms to assess the evolution of the pregnancy, documenting the information obtained. Perform the physical examination, including bimanual genital examination, examination with retractors and speculum, fundal height measurement, Leopold's manoeuvres and foetal auscultation. The student must know how to document and interpret the clinical findings obtained, as well as select the complementary explorations to be performed in the care of a normal pregnancy. Identify risk situations during gestation that require the woman's attention at other levels of care. Demonstrate the ability to inform the pregnant woman about hygiene and nutrition during pregnancy. Identify the clinical signs and symptoms suggestive of the beginning of labour, to know the basic rules of its conduction and to witness its assistance. Attend the puerperal evolution, identifying alarm symptoms and performing the appropriate clinical examination, including breast examination. Be able to inform about the benefits and drawbacks of breastfeeding and about the basic rules for its proper development. Be able to inform about the expected and considered normal puerperal evolution, the resumption of physical activity and sexual relations, as well as family planning options.

2.-**Faced with** a patient attending a gynaecological consultation, the student must acquire and demonstrate the ability to: Obtain

the medical record by performing an anamnesis appropriate to the reason for the consultation, assessing the characteristics associated with each genital, paragenital or extragenital symptom and personal and family history, menstrual history and reproductive history. Perform clinical gynaecological examination including inspection, abdominal examination, examination with retractors and speculum, obtaining samples for cytological study, smear test and bimanual genital examination.

Perform a physical breast examination including inspection and palpation, as well as exploration of the axillary and supraclavicular recesses. Know, select and interpret the complementary explorations that should be performed to support or establish the diagnosis: Cytology, colposcopy, biopsy, ultrasound, radiodiagnosis, hysteroscopy, laparoscopy, endocrine assessment. Be able to make a differential diagnosis and establish an initial therapeutic plan for those clinical situations that most frequently cause gynaecological consultation: Vulvovaginitis, abdominal pain, genital bleeding, breast lump and family planning. Identify clinical situations that require patient care at other levels of health care, making a written report on the contents of the clinical record and the reasons for the referral. Know how to communicate clearly and tactfully to the patient and, if necessary, to the family members, the established diagnosis, the foreseeable evolution of the process, the recommended treatment and the prognosis.

FAMILY MEDICINE.

To know and intervene adequately on the living environment of the sick person and on the promotion of health in the family and community environment. To diagnose and treat the most prevalent pathologies (acute and chronic) in primary care.

To intervene adequately on the living environment of the sick person in their biopsychosocial context and on prevention and health promotion in the family and community environment. To be able to perform a complete anamnesis, focused on the type and age of the patient and oriented to the various pathologies and interpreting their meaning. To know how to perform a clinical examination by apparatus and systems, as well as a psychopathological examination and interpreting its meaning. To know how to assess the modifications of clinical parameters at different ages of life. To know how to establish an action plan focused on the needs of the patient's family and social environment, consistent with the patient's symptoms and signs. To establish the diagnosis, prognosis and treatment applying the principles based on the best possible information under conditions of clinical safety. To propose the appropriate preventive measures for each clinical situation. To indicate the appropriate therapy in the most prevalent acute and chronic processes, as well as in terminally ill patients. To be able to use the basic technical skills in relation to the diagnostic and therapeutic processes developed in the subject.

PSYCHIATRY.

To be able to assess the clinical, epidemiological and public health relevance of psychiatric disorders. To know how to maintain an appropriate doctor-patient relationship, complete a clinical record and explore a patient with psychiatric disorders. To be able to explain the fundamental psychiatric syndromes, the possible courses of disease and the diagnoses to which it leads. To know the fundamental clinical data on psychiatric disorders as listed in the WHO ICD-10. To know how to make and defend a psychiatric diagnosis that allows for treatment or referral to a specialist. To know how to apply basic therapeutic schemes in patients with psychiatric disorders, both in emergency situations and in daily clinical practice. To be able to describe the devices of a complete psychiatric care network.

3. Syllabus

It consists of 6 Rotation Modules: Surgery, Medicine, Obstetrics and Gynaecology, Paediatrics, Family Medicine and Psychiatry.

The student rotates from 8:00 a.m. to 3:00 p.m. with the tutor and Centre assigned to them in advance. The total involvement of the student in a proactive way in the respective teams during the rotation is intended. All students who carry out practices in which personal data or patients' medical history is handled, are obliged to keep the confidentiality of the same. This internship subject must be carried out in person, respecting the indications of the health and academic authorities.

4. Academic activities

It is the student's responsibility to satisfactorily complete the different documents of the Portfolio of each of the rotation modules, and its timely delivery to the respective Department. This portfolio will include the activities carried out in each rotation module, and must be supervised by the tutor responsible for the student before its delivery.

The models of the different portfolios can be downloaded from the web site of the Faculty of Medicine, from the link established in the 5th year.

5. Assessment system

The student must demonstrate achievement of the intended learning results through the following assessment activities:

- Evaluation reports from the respective tutors of each of the rotation modules, whose weighted average grade will account for **40%** of the final grade, **provided that each of the modules has been satisfactorily passed**. For this evaluation, the student's proactive attitude and the achievement of the specific learning results foreseen in of each rotation will be taken into account.

- Portfolios for each rotation module. Their weighted average grade will account for **20%** of the final grade.

- Final test. It will account for **40%** of the final grade and will include clinical cases from each rotation module. The resolution of the different clinical cases will be done with multiple choice/case type questions (with only one true answer) and without penalizing incorrect answers.

6. Sustainable Development Goals

- 3 - Good Health & Well-Being
- 4 - Quality Education