



Information about the subject

Degree: Bachelor of Science Degree in Medicine

Faculty: Faculty of Medicine and Health Sciences

Code: 340303 **Name:** Clinical Practice of Minor Surgery

Credits: 3,00 **ECTS Year:** 3 **Semester:** 1

Module: Supervised work and final project

Subject Matter: Clinical practice **Type:** Internship

Field of knowledge: Ciencias de la Salud

Department: -

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:

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Module organization

Supervised work and final project

Subject Matter	ECTS	Subject	ECTS	Year/semester
Clinical practice	54,00	Clinical Practice for hospital emergencies	6,00	6/2
		Clinical practice of family medicine	6,00	6/2
		Clinical Practice of General Pathology	3,00	3/2
		Clinical Practice of Minor Surgery	3,00	3/1
		Clinical practice of Specialities I (Psychiatry/Dermatology)	3,00	5/2
		Clinical practice of specialities II (obstetrics/paediatrics/allergy)	6,00	6/2
		Clinical practice of specialities III (cardiovascular/ENT/respiratory)	6,00	6/2
		Clinical practice of specialities IV (infectious/nervous system/nephrology)	6,00	6/2
		Clinical practice of specialities VI (Ophthalmology/oncology/palliative)	6,00	6/2
		Clinical practice of specialties V (musculoskeletal/rheumatology/rehabilitation)	6,00	6/2



Clinical practice		Geriatric clinical practice	3,00	6/2
Final project	12,00	Bachelor's Thesis	12,00	6/2

Recommended knowledge

PREVIOUS REQUIREMENTS

No module 3 (Human Clinical Training) subject can be taken without passing all module 1 subjects (Morphology, Structure and Function of the Human Body).

GENERAL OBJECTIVES

In this subject, the aim is to ensure that the student completes the acquisition of basic skills in the field of Family and Community Medicine, so that they are trained to competently (routinely and without supervision) the most basic activities of said subjects for a general practitioner. Likewise, this course must allow the student to become familiar with explorations or techniques that, due to their complexity, the patient's condition or the medical responsibility they entail, do not They can be carried out autonomously by the student and will be carried out either under supervision, or the student will simply observe their completion by an expert.

RECOMMENDED KNOWLEDGE

Skin, subcutaneous cell tissue and superficial myofascial planes.

Anatomical topography of the superficial regions of the human body.

Skin histology.

Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 Pre-professional practices, in the form of an independent clinical rotary and with a final competency assessment, in health centers, hospitals and other centres that incorporate professional values, care communication skills, clinical reasoning, clinical management and critical judgment, as well as attention to the most prevalent health problems in the areas of Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Psychiatry and other clinical areas



Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

BASIC		Weighting			
		1	2	3	4
CB1	Students have demonstrated to possess and understand knowledge in a study area that starts from the base of the general secondary education, and is usually found at a level that, while supported by advanced textbooks, also includes some aspects that involve knowledge from the forefront of their field of study				X
CB2	Students know how to apply their knowledge to their job or vocation in a professional way and possess the competences that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study				X
CB3	Students have the ability to collect and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific or ethical topics				X
CB4	Students can pass on information, ideas, problems and solutions to both a specialized and non-specialized audience				X
CB5	Students have developed the learning skills needed to undertake further studies with a high degree of autonomy				X
GENERAL		Weighting			
		1	2	3	4
CG1	Recognizing the essential elements of the medical profession, including ethical principles, legal responsibilities, and patient-centered professional exercise			X	
CG2	Understanding the importance of such principles for the benefit of the patient, society and profession, with special attention to professional secrecy			X	
CG3	Knowing how to apply the principle of social justice to professional practice and understanding the ethical implications of health in a changing global context		X		



CG4	Developing professional practice with respect to patient autonomy, beliefs and culture	X		
CG5	Recognizing the limitations themselves and the need to maintain and update their professional competence, giving special importance to the autonomous learning of new knowledge and techniques and to the motivation for quality		X	
CG6	Developing professional practice with respect for other health professionals, acquiring teamwork skills	X		
CG8	Recognize the basis of normal human behavior and its disfunctions		X	
CG9	Understanding and recognizing the effects, mechanisms and manifestations of the disease on the structure and function of the human body	X		
CG10	Understanding and recognizing the causative agents and risk factors that determine health and disease development		X	
CG11	Understanding and recognizing the effects of growth, development and aging on the individual and their social environment	X		
CG12	Understanding the basis of action, indications and efficacy of therapeutic interventions, based on available scientific evidence		X	
CG18	Indicating the most appropriate therapeutics of the most prevalent and chronic acute processes, as well as terminally ill patients		X	
CG19	Raising and proposing appropriate preventive measures for each clinical situation	X		
CG21	Listening to carefully, obtain and synthesize relevant information about the problems afflicting the patient and understand the content of this information	X		
CG22	Writing medical histories and other medical records in an understandable way to outsiders		X	
CG23	Communicating effectively and clearly, both orally and in writing, with patients, family members, media workers and other professionals		X	
CG24	Establishing good interpersonal communication that enables patients, family members, media workers and other professionals to address patients, families, media and other professionals with efficiency and empathy	X		
CG30	Basic knowledge of the National Health System and health legislation	X		



CG31	Knowing, critically valuing and knowing how to use the sources of clinical and biomedical information to obtain, organize, interpret and communicate scientific and health information	x			
CG32	Knowing how to use information and communication technologies in clinical, therapeutic, preventive and research activities	x			
CG33	Maintaining and using records with patient information for further analysis, preserving data confidentiality	x			
CG35	Understanding the importance and limitations of scientific thinking in the study, prevention and management of diseases	x			

SPECIFIC		Weighting			
		1	2	3	4
CE86	Pre-professional practices, in the form of an independent clinical rotatory and with a final evaluation of competencies, in health centers, hospitals and other care facilities and that allow to incorporate professional values, competencies of healthcare communication, clinical reasoning, clinical management and critical judgment, as well as attention to the most prevalent health problems in the areas of Medicine, Surgery, Obstetrics and Gynecology Pediatrics, Psychiatry and other clinical areas				x

TRANSVERSAL		Weighting			
		1	2	3	4
CT1	Analytical and synthesis capacity			x	
CT3	Oral and written communication in mother language		x		
CT7	Solving problems				x
CT8	Making decisions				x
CT10	Interdisciplinary team work				x
CT11	Working in an international context		x		
CT12	Interpersonal relationship skills			x	



CT15	Ethical commitment			X	
CT17	New situations' adaptation			X	
CT21	Initiative and entrepreneurial spirit	X			
CT24	Ability to take responsibility				X
CT25	Autocriticism capacity			X	
CT26	Knowing how to value personal action and know your own skills and limitations				X
CT30	Social commitment	X			
CT32	Being able to establish and maintain relationships with other professionals and institutions			X	
CT33	Knowing how to get relevant information from personal interviews	X			



Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1	10,00%	Presentations
R1	30,00%	Practices
R1	0,00%	Participation in class
R1	30,00%	Simulations, ECOE
R1	30,00%	Practice exam

Observations

REQUISITOS PARA APROBAR LA ASIGNATURA

El alumno deberá superar todos los siguientes criterios para aprobar la asignatura: ·Puntuación mínima del 50% en el conjunto de los instrumentos de evaluación: Prueba ECOE y Prueba TEST. ·Puntuación mínima del 50% en el conjunto de los instrumentos de evaluación. ·Presentación de la Memoria de prácticas académicas externas en el plazo establecido ·Presentación y exposición de la Memoria de prácticas internas de Laboratorio en el plazo establecido

CRITERIO DE CONCESIÓN DE MATRÍCULA DE HONOR

Las matrículas de honor podrán ser concedidas a los mejores alumnos, que deberán haber obtenido una nota mínima de 9. Si las circunstancias lo requieren, podrá establecerse una prueba especial para determinar aquellos alumnos merecedores de la matrícula de honor, habida cuenta de la limitación del 5% de los alumnos matriculados. En segunda y posteriores convocatorias solamente podrán otorgarse las matrículas de honor que pudieran restar tras la primera convocatoria. Según el artículo 22 de la Normativa Reguladora de la Evaluación y Calificación de las Asignaturas de la UCV, la mención de "Matrícula de Honor" podrá ser otorgada por el profesor responsable de la asignatura a estudiantes que hayan obtenido la calificación de "Sobresaliente". El número de menciones de "Matrícula de Honor" que se pueden otorgar no podrá exceder del cinco por ciento de los alumnos incluidos en la misma acta oficial, salvo que éste sea inferior a 20, en cuyo caso se podrá conceder una sola "Matrícula de Honor".



MENTION OF DISTINCTION:

According to Article 22 of the Regulations governing the Evaluation and Qualification of UCV Courses, the mention of "Distinction of Honor" may be awarded by the professor responsible for the course to students who have obtained, at least, the qualification of 9 over 10 ("Sobresaliente"). The number of "Distinction of Honor" mentions that may be awarded may not exceed five percent of the number of students included in the same official record, unless this number is lower than 20, in which case only one "Distinction of Honor" may be awarded.

Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

- M2 Problems resolution and practical cases
- M11 Personalised attention by professor
- M12 Tests to understand the level of knowledge acquirance and skills
- M14 Online activity on e-learning
- M15 Personal study
- M21 Supervision of clinical histories
- M22 Clinical practices



IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
Practices in small groups M2, M11, M12, M22	R1	64,58	2,58
Tutoring M2, M11	R1	0,28	0,01
Evaluation M2, M11, M12	R1	0,42	0,02
TOTAL		65,28	2,61

LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
No attendance M2, M11, M12, M14, M15	R1	9,72	0,39
TOTAL		9,72	0,39



Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
BLOCK I: PRACTICAL CLINIC OF MINOR SURGERY I	1. Surgery: Generalities. The healing process. Types of surgery. Introduction to Minor Surgery (CM). Medical-legal aspects and good practice: surgical indication, assessment of anatomical risk areas, information and informed consent, collaboration with Pathological Anatomy. 2. Infrastructure, material, surgical instruments and equipment to perform MC. Approach to a CM room. Surgical action protocol: preoperative and surgical activities and postoperative care.
BLOCK II: PRACTICAL CLINIC OF MINOR SURGERY II	3. Asepsis and surgical hygiene. Biosecurity. Drugs for use in CM procedures. Local anesthetics: anesthetic techniques in CM. 4. Elementary surgical maneuvers: basic surgical techniques. Postoperative care and wound complications
BLOCK III: PRACTICAL CLINIC OF MINOR SURGERY III	5. Cryosurgery in CM: indications, techniques and follow-up. Use of the electric scalpel in CM. 6. Clinical-therapeutic assessment of epidermal, dermal and subdermal lesions susceptible to BC (sebaceous cysts, lipomas, skin tags, fibromas, ..). Specific techniques. Nail surgical pathology
BLOCK IV: PRACTICAL CLINIC OF MINOR SURGERY IV	7. Urgent CM I: Generalities. Skin and superficial abscesses. Treatment and monitoring Burns: assessment and treatment. 8. Urgent Minor Surgery II: Wounds and skin lacerations: basic repair, principles and techniques. Bites.



BLOCK VI: SUPERVISED INTERNSHIPS

The Clinical Practice of Minor Surgery (CPCM) subject introduces the student to basic medical/surgical training with a period of practical training in hospitals and/or health centers of 2 weeks. This period is the first curricular contact of the students with the healthcare world. The student has these two weeks to try to achieve the following objectives:

01 Understand and know the concept of Minor Surgery (CM) and its indications in General Medicine.

02 Knowing how to apply the rules of asepsis and antisepsis used in clinical practice (field preparation, putting on gloves, etc.), as well as knowing the basic aspects of disinfection of materials.

03 Differentiate and acquire basic skills in handling surgical instruments commonly used in CM.

04 Distinguish the different types of surgical sutures used in routine practice (monofilament, braided, absorbable, etc.), and learn the types of sutures useful in CM (mattress, simple, staples, etc.)

05 Know the rules and execution in the removal of different surgical sutures.

06 Acquire knowledge in the indications and management of local anesthetics

07 Get basic instruction in handling the different types of existing dressings

08 Basic knowledge of the different aspects in the treatment of surgical or accidental wounds

09 Know the basic surgical treatments in the treatment of the most frequent nail pathology

10 Learn the rules of care for the different types of chronic wounds (ulcers), differentiating the different types of ulcers (diabetic, pressure, venous, etc.) and the different methods for their management

11 Know the indications for tetanus prophylaxis

12 Know the indications for antibiotic treatment used in acute and/or chronic wounds.

13 Know the main professional bodies that work in health and their functions

14 Basic knowledge of the structure of a care center

It is not necessary to teach these 14 TEACHING OBJECTIVES in an orderly manner, but rather they can be acquired through contact with the professionals (doctors, nurses, assistants,...) of the center and with the patients and their families.



BLOCK V: PRACTICAL CLINIC OF MINOR SURGERY V

9. Urgent Minor Surgery III. Complex wounds: repair techniques. Plasties of interest in CM. Complicated and chronic wounds: skin ulcers.
10. Specific techniques in CM: - Extraction of foreign bodies
- Proctology in CM: thrombosed hemorrhoids - Bleeding varicose veins - Extraction of rings - Torn earlobes, etc.....

Temporary organization of learning:

Block of content	Number of sessions	Hours
BLOCK I: PRACTICAL CLINIC OF MINOR SURGERY I	1,00	2,00
BLOCK II: PRACTICAL CLINIC OF MINOR SURGERY II	1,00	2,00
BLOCK III: PRACTICAL CLINIC OF MINOR SURGERY III	1,00	2,00
BLOCK IV: PRACTICAL CLINIC OF MINOR SURGERY IV	1,00	2,00
BLOCK VI: SUPERVISED INTERNSHIPS	1,00	2,00
BLOCK V: PRACTICAL CLINIC OF MINOR SURGERY V	32,50	65,00



References

1. Arribas Blanco, J.M. Cirugía menor y procedimientos en Medicina de Familia. Jarpyo editores, Madrid, 2006.
2. Batalla Sales M, Beneyto Castelló F, Ortiz Díaz F. Manual práctico de Cirugía Menor. Obrapropia- SVMFiC. Valencia 2012.
3. Brown, J.S. Minor Surgery: a text and atlas. Oxford University Press Inc.. London, 2000.. Elsevier.
4. Courtney M., Townsend Jr., R. Daniel Beuachamp, B. Mark Evers, Kenneth L. Mattox. En Sabiston Tratado de Cirugía 18 ed. Elsevier España 2009.
5. Kirk, RM. Técnicas quirúrgicas básicas. Ed Madrid, 2003.
6. McGregor, I. A. Técnicas fundamentales en Cirugía Plástica. Ediciones Científicas y Técnicas. Barcelona 1993.
7. Pfenninger J.L. and Fowler, G.C. Procedures for Primary Care Physicians. Ed Mosby. St Louis, Missouri 1994.
8. Ramírez Puerta, D. Cirugía Menor. Manual de Práctica Quirúrgica y Traumatológica en Atención Primaria. Ed. Fundación Instituto UPSA 2003.
9. Romero Márquez, A.R, Fernández Temprano J.M. Manual de Cirugía Menor en Atención Primaria. Ed. Ergon, 2008
10. Schofield, J. and Kneebone, R. Skin Lesions: a practical guide to diagnosis management and minor surgery. Ed. Chapman & Hall Medical. London, 1996.
11. Tejeda Adell M, Cerdá Olmedo G, Andani Cervera J. Syllabus del Grado de Medicina. 1ª edición. Universidad Católica de Valencia San Vicente Mártir. Valencia, 2018.
12. Trott A T., Heridas y cortes: tratamiento de urgencias. Ed. Elsevier. Madrid, 2007
13. Vaquero, C. Técnicas básicas en Cirugía Menor Ed. Secretariado de Publicaciones. Universidad de Valladolid, 1999.
14. Vargas Domínguez, A. Cirugía menor de urgencias (2ª ed). Plaza ed. México, 2005.



Addendum to the Course Guide of the Subject

Due to the exceptional situation caused by the health crisis of the COVID-19 and taking into account the security measures related to the development of the educational activity in the Higher Education Institution teaching area, the following changes have been made in the guide of the subject to ensure that Students achieve their learning outcomes of the Subject.

Situation 1: Teaching without limited capacity (when the number of enrolled students is lower than the allowed capacity in classroom, according to the security measures taken).

In this case, no changes are made in the guide of the subject.

Situation 2: Teaching with limited capacity (when the number of enrolled students is higher than the allowed capacity in classroom, according to the security measures taken).

In this case, the following changes are made:

1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject will be made through a simultaneous teaching method combining onsite teaching in the classroom and synchronous online teaching. Students will be able to attend classes onsite or to attend them online through the telematic tools provided by the university (videoconferences). In any case, students who attend classes onsite and who attend them by videoconference will rotate periodically.

In the particular case of this subject, these videoconferences will be made through:

☐

Microsoft Teams

☐

Kaltura



Situation 3: Confinement due to a new State of Alarm.

In this case, the following changes are made:

1. Educational Activities of Onsite Work:

All the foreseen activities to be developed in the classroom as indicated in this field of the guide of the subject, as well as the group and personalized tutoring, will be done with the telematic tools provided by the University, through:

☐

Microsoft Teams

☐

Kaltura

Explanation about the practical sessions:



2. System for Assessing the Acquisition of the competences and Assessment System

ONSITE WORK

Regarding the Assessment Tools:

☒ The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus.

☐ The following changes will be made to adapt the subject's assessment to the online teaching.

Course guide		Adaptation	
Assessment tool	Allocated percentage	Description of the suggested changes	Platform to be used

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.

Comments to the Assessment System: