



IDENTIFYING DATA

Physical therapy in clinical specialties II

Subject	Physical therapy in clinical specialties II			
Code	P05G171V01309			
Study programme	Grado en Fisioterapia			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	9	Mandatory	3rd	2nd
Teaching language	Spanish Galician			
Department				
Coordinator	Soto González, María Mercedes			
Lecturers	Mollinedo Cardalda, Irimia Rodil Gargallo, María Soto González, María Mercedes			
E-mail	m.soto@uvigo.es			
Web	http://http://fisioterapia.uvigo.es/gl/			
General description	(*)Nesta materia preténdese que o alumnado adquira os coñecementos e destrezas, precisos para o tratamento dos distintos procesos e patoloxías do sistema musculoesquelético, desde la perspectiva de la fisioterapia.			

Training and Learning Results

Code	
A2	Students are able to apply their knowledge to their work or vocation in a professional manner and possess the competences usually demonstrated through the development and defence of arguments and problem solving within their field of study.
A3	Students have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgements that include reflection on relevant social, scientific or ethical issues.
A5	Students are able to convey information, ideas, problems and solutions to both specialist and non-specialist audiences.
C9	Know the pathophysiology of diseases, identifying the manifestations that appear throughout the process, as well as the medical-surgical treatments, mainly in their physiotherapeutic and orthopedic aspects. To identify the changes produced as a consequence of the physiotherapy intervention. Encourage the participation of the user and family in the recovery process.
C13	Have the ability to assess from the perspective of physiotherapy, the functional status of the patient/user, considering the physical, psychological and social aspects of the same.
C16	Analyze, program and apply movement as a therapeutic measure, promoting the participation of the patient/user in the process.
C19	Understand and perform specific methods and techniques related to the locomotor system (including manual therapies, joint manipulative therapies, osteopathy and chiropractic), neurological processes, respiratory system, cardiocirculatory system and static and dynamic alterations. Specific methods and techniques that take into account the implications of orthopedics in physiotherapy, reflex therapeutic techniques, as well as other alternative and/or complementary methods and techniques whose safety and efficacy is demonstrated according to the state of development of science.
C20	Identify the most appropriate physiotherapeutic treatment in the different processes of alteration, prevention and health promotion as well as in the processes of growth and development.
C21	Identify the situation of the patient/user through a physiotherapy care diagnosis, planning interventions, and evaluating their effectiveness in a cooperative work environment with other professionals in health sciences.
C22	Know and apply good clinical practice guidelines.
C36	To know and understand the methods, procedures and physiotherapeutic actions, aimed at both the actual therapy to be applied in the clinic for the reeducation or functional recovery, as well as the implementation of activities aimed at the promotion and maintenance of health.
C37	To acquire adequate clinical experience that provides intellectual abilities and technical and manual skills; that facilitates the incorporation of ethical and professional values; and that develops the capacity to integrate the acquired knowledge.
D1	Ability to communicate orally and in writing in Galician.

Expected results from this subject			
Expected results from this subject		Training and Learning Results	
New	A2	C9 C13 C21	
New	A2	C9 C13 C16 C19 C20 C21 C22 C36 C37	
New	A2 A3 A5	C13 C21	D1
New	A2	C13 C16 C19 C20 C21 C22 C36 C37	D1 D4

Contents

Topic
Physiotherapy in traumatic and bone processes -
Physiotherapy in orthopedic and bone processes -
Physiotherapy in dermatology -
Physiotherapy in urogynecological processes -
Physiotherapy, physical activity and pathology -
Physiotherapy in amputees -
Physiotherapy in cancer -

Planning

	Class hours	Hours outside the classroom	Total hours
Lecturing	37	87	124
Laboratory practical	39	60	99
Essay questions exam	1	0	1
Simulation or Role Playing	0.5	0	0.5
Systematic observation	0.5	0	0.5

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Lecturing	The following methodologies will be used in these classes: introductory activities, discussion forums, collaborative learning, case studies and problem solving.
Laboratory practical	In the development of practices, methodologies such as problem solving, case study, debate and problem solving will be used autonomously.

Personalized assistance

Methodologies	Description
Lecturing	Students may request tutorials via email, either in person or through the remote campus
Laboratory practical	Students may request tutorials via email, either in person or through the remote campus

Assessment

Description	Qualification	Training and Learning Results

Essay questions exam	The theoretical exam will consist of development questions. To pass this part, the student must obtain a score of 5 out of 10.	40	A2 A3 A5	C9 C13 C16 C19 C20 C21 C22 C36 C37	D1 D4
Simulation or Role Playing	The test will consist of solving three practical cases that the students must choose at random. To pass this part, the student must obtain a grade of 5 out of 10.	40	A2 A3 A5	C9 C13 C16 C19 C20 C21 C22 C36 C37	D1 D4
Systematic observation	The teaching staff will carry out systematic observation through attentive, rational, planned and systematic perception to describe and record the manifestations of student behavior.	20	A2	C16 C19 C20 C36 C37	D4

Other comments on the Evaluation

Or students who do not adhere to continuous assessment, must communicate it in writing following the procedure established by the Faculty of Physiotherapy. A waiver of continuous assessment must be made as the deadline date in the 5th week of teaching, this waiver will mean that the student adheres to the global assessment established in the subject. Once the continuous evaluation has been waived, he will not have the right to it nor any other considerations that are established in it.

In addition to the modalities of assessment, in order to pass the subject, the student must have passed the theoretical and practical exam independently, and it may be the case that a student obtains a grade higher than 5 in a global assessment, but As indicated, if some of the parts are not passed, they will receive a grade of 4.5. It does not assume that the student passes one of the parts, the same grade will be saved, but only within the same academic year.

In addition, in order to take the practical exam in calquera of the calls and modalities, it is an essential requirement that the student take the theoretical exam.

CONTINUOUS ASSESSMENT

Exam of Essay questions exam- this exam will be carried out on the data established in the programming of the subject, it will consist of 10 development questions worth each of them 10 points and will contribute or 40% of the final grade.

Simulation or role playing- will be carried out on the exam dates established in the calendar, and will consist of the resolution of 3 clinical cases that will account for 40% of the final grade.

Systematic observation - or teachers will follow up on students in terms of aptitudes and attitudes. To adhere to this evaluation, it is essential to have a minimum attendance of 80% of the practical classes and suporá or 20% of the final grade.

GLOBAL EVALUATION (not in the case of waiving continuous evaluation):

In this case, the students will be evaluated with the following success:

Essay questions exam- 10 development questions with a score of 1 point each (50% of grades)

Simulation or role playing- exam to solve three practical cases (50% give grade)**2nd CHANCE**

The students who adhere to continuous assessment will be assessed according to the percentages indicated in this guide.

The students who renounce continuous assessment and follow the global assessment will have the same percentages of assessment than in the ordinary call in the modality of global assessment.

Sources of information

Basic Bibliography

Alegre C., **Fisioterapia en reumatología**, 1ª, Alcalá de Henares: Asetip, 2001

Goodyer Paul., **Compendio de técnicas en rehabilitación musculoesquelética**, 1ª, McGraw-Hill Interamericana, 2003

Seco Calvo J., **Fisioterapia en Especialidades Clínicas**, 1ª, Médica Panamericana, 2016

Walker C., **Fisioterapia en obstetricia y uroginecología**, 2ª, Elsevier Masson, 2013

Seco Calvo J., **Afecciones medicoquirúrgicas para fisioterapeutas**, Médica Panamericana, 2017

Charles E. Giangarra, **Rehabilitación ortopédica clínica**, 4ª, Elsevier, 2018

Klaus Buckup & Johannes Buckup, **Pruebas clínicas para patología ósea, articular y muscular**, 5ª, Elsevier, 2013

Seco Calvo J., **Metodos específicos de intervencion en fisioterapia**, Médica Panamericana, 2021

Castillo Montes FJ., **Fisioterapia en el tratamiento de cicatrices**, ALCALA GRUPO, 2022

Complementary Bibliography

Haarer-Becker R, Schoer D., **Manual de técnicas de fisioterapia: (aplicación en traumatología y ortopedia)**, Editorial Paidotribo, 2001

Miralles Marrero R, Miralles-Rull I., **Biomecánica clínica de las patologías del aparato locomotor**, 1ª, Elsevier Masson, 2006

Orrego & Morán, **Ortopedia y traumatología básica**, Universidad delos Andes, 2014

Díaz Mohedo,, **Manual de Fisioterapia en traumatología**, Elsevier, 2015

Recommendations**Subjects that continue the syllabus**

Internships: Clinical stays/P05G171V01984

Subjects that it is recommended to have taken before

Human anatomy: Human anatomy/P05G171V01101

Physiology: Functional movement in physiotherapy/P05G171V01105

Kinesitherapy/P05G171V01203

General physiotherapy I/P05G171V01204

Cardiorespiratory Physical Therapy/P05G171V01302
