



IDENTIFYING DATA

Physiotherapy evaluation

Subject	Physiotherapy evaluation			
Code	P05G171V01108			
Study programme	Grado en Fisioterapia			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Mandatory	1st	2nd
Teaching language	Spanish			
Department				
Coordinator	Lantarón Caeiro, Eva María			
Lecturers	Lantarón Caeiro, Eva María			
E-mail	evalantaron@uvigo.es			
Web				
General description				

Training and Learning Results

Code	
B2	Incorporate the ethical and legal principles of the profession into professional practice and integrate social and community aspects into decision making.
B3	Communicate effectively and clearly, both orally and in writing, with users of the health system as well as with other professionals.
C3	Identify the psychological and social factors that influence the state of health or disease of individuals, families and community.
C11	Identify the concept, evolution and fundamentals of physical therapy in its scientific and professional aspects. To understand the general theory of functioning, disability and health and its international classification, as well as the models of intervention in physiotherapy and its assistance practice.
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.
C14	Understand and apply the manual and instrumental methods and procedures of assessment in Physical Therapy and Physical Rehabilitation, as well as the scientific evaluation of their usefulness and effectiveness.
C15	Understand ergonomic and anthropometric principles.
C16	Analyze, program and apply movement as a therapeutic measure, promoting the participation of the patient/user in the process.
C35	To know and understand the sciences, models, techniques and instruments on which physiotherapy is based, articulated and developed.
D2	Computer skills related to the field of study
D7	Maintain an attitude of learning and improvement.

Expected results from this subject

Expected results from this subject		Training and Learning Results
New		C14 C35
New	B2 B3	C11 C13 C14
New	B2 B3	C3 C13 C14 C35
New		C35

New	B2	C3 C13 C14 C15 C16 C35	
New	B2	C13 C14 C15 C35	D2 D7
New	B2 B3	C14	D2 D7

Contents

Topic
General assessment procedures in Physiotherapy (*).
Assessment procedures in Physiotherapy (*).
Method of registration (*).
Clinical Interviewing. Practical Strategies. (*).
Manual topographic examination (*).
Postural assessment (*).
Symptom assessment (*).
Soft tissue assessment. Cutaneous and subcutaneous tissue. (*).
Joint assessment (*).
Muscle assessment (*).
Anthropometric assessment (*).

Planning

	Class hours	Hours outside the classroom	Total hours
Introductory activities	1	0	1
Lecturing	16	28	44
Laboratory practical	22	12	34
Autonomous problem solving	0	6	6
Case studies	1	0	1
Problem solving	2	5	7
Mentored work	1	16	17
Presentation	1	2	3
Objective questions exam	1	15	16
Simulation or Role Playing	1	1	2
Essay	3	16	19

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

Methodologies

	Description
Introductory activities	Activities aimed at making contact and gathering information about the students, as well as introducing the subject.
Lecturing	Presentation by the teacher of the contents of the subject. New information and communication technologies will be used for the development of the classes, which will be participative and will use didactic consultation, debate and case studies and problem solving strategies.
Laboratory practical	Activities of application of the knowledge to concrete situations and of acquisition of basic skills and procedementais related to the and procedural skills related to the subject of study. They are developed in special spaces with specialized equipment. Experimental demonstration, simulation strategy, didactic treatment of errors and systematic training will be used. The teacher will demonstrate how the assessment should be performed. Then the students will perform the practice in pairs, being corrected by the teacher and clarifying any doubts that may arise.
Autonomous problem solving	The students will review videos of muscle assessment, having to identify errors in the execution of each of the tests, by means of a rubric.
Case studies	Students must solve real life situations with their own strategies through knowledge, research and reflection.
Problem solving	Students must solve real life situations with their own strategies through knowledge, research and reflection.

Mentored work	The student, in group, elaborates a work on the subject of the subject (Muscular Assessment). The work will be a filming of the performance of muscle strength assessments, in which all the members of the group will participate.
Presentation	Development of muscle assessment tests and correction by means of a rubric of the development of the same by their colleagues.

Personalized assistance

Methodologies	Description
Introductory activities	Guidance and counseling will be carried out in large groups, during the face-to-face class, and individually via e-mail or face-to-face if necessary.
Lecturing	Individual tutorials will be held at the time and place indicated by the teacher (published on the web page). They can also be requested by e-mail indicating in the subject "Tutorials and the corresponding subject/s".
Laboratory practical	Individual or group tutorials: students must request by e-mail indicating in the subject "Tutorials practice/s and the corresponding number"; the teacher will indicate the date and time of the tutorial.
Autonomous problem solving	Autonomous problem solving Guidance and advice will be given in individual or small group tutorials.
Case studies	Guidance and counseling will be conducted in a large group, during the face-to-face class.
Problem solving	Guidance and counseling will be done in a large group, during the face-to-face class.
Mentored work	Guidance and counseling tutorials will be conducted in small groups.
Presentation	Guidance and counseling for the exhibition and presentation of the work will be done in small group tutorials.
Tests	Description
Simulation or Role Playing	The student performs practical assumptions about their peers.

Assessment

	Description	Qualification	Training and Learning Results		
Lecturing	Theoretical exam. 5 essay questions. No questions may be left unanswered.	40	C3	C11	D7
			C13	C14	C15
			C16	C35	
Laboratory practical	Practical exam in which the student is asked to perform manual topographic localization, and the execution of different evaluation tests. The student must have knowledge of all the evaluation tests and the localization of the different anatomical structures to pass the subject.	40	B2	C3	D2
			B3	C13	D7
				C14	
Mentored work	Peer review.	10	B3	C14	D2
				C15	D7
Presentation	Development of muscle assessment tests and correction by means of rubric of the development of the same on the part of their peers.	10	B3	C14	D7
				C15	

Other comments on the Evaluation

All exam questions must be answered effectively. The completion of the tutored work is compulsory. The grading system will be expressed by means of a numerical grade according to the established in art.5 of the Royal Decree 1125/2003 of September 5th (BOE September 18th).

-CONTINUOUS EVALUATION: In the continuous evaluation modality, the evaluation percentages are as follows: -Theoretical exam (total 40%):-Practical Exam (Simulation or Role Playing): 40% (In order to take the practical exam the student must take the theoretical exam).-Tutorial work: 10%. Of obligatory character. - Presentation: 10%. Of obligatory character. To pass the subject the student must: obtain at least a 5 out of 10 in the theoretical exam and practical exam. (In both the theoretical and practical exam, all the questions of the exams must have an effective answer). The overall grade of the course must be higher than 5 considering the different evaluation percentages. The written tests may include multiple-choice exercises, true/false exercises, element matching exercises, sentence completion exercises, response exercises with a specific term, resolution of clinical cases or interpretation of an image/graph, as well as other activities that have been developed throughout the course. Likewise, concepts of different topics can be evaluated in the same statement to check the assimilation of contents by the students.

-GLOBAL EVALUATION (waiver of continuous evaluation): Due to the characteristics of the subject and the distribution of the evaluation percentages, in the global evaluation modality the same evaluation percentages and the same criteria for passing

the subject are maintained. Students who do not wish to follow the continuous evaluation must notify in writing following the procedure established by the Faculty of Physiotherapy. The waiver to the continuous evaluation must be made in the 5th week of teaching, which means that the student will assume the global evaluation established in the subject. Once the continuous evaluation has been waived, there will be no right to it, nor to the considerations established in it. In order to be able to take the practical exam, the student must take the theoretical exam.

Sources of information

Basic Bibliography

Norkin, White, **Goniometría, Evaluación de la movilidad Articular**, Marban, 2005

Kendall, Florence Peterson, **Músculos. pruebas funcionales, postura y dolor**, 5ª, Marban, 2016

Daza Lesmes, Javier, **Evaluación clínico-funcional del movimiento corporal humano**, Panamericana, 2007

Serge Tixa, **Atlas de anatomía palpatoria. Tomo 1**, 2ª, Masson-Elsevier, 2006

Serge Tixa, **Atlas de anatomía palpatoria. Tomo 2**, 2ª, Masson-Elsevier, 2006

Díaz Mancha, JA, **Valoración Manual**, 2ª, Elsevier, 2020

Complementary Bibliography

Avers, D. ; Brown, M., **Daniels y Worthingham. Técnicas de balance muscular. Técnicas de exploración manual y pruebas funcionales**, 10, Elsevier, 2019

Génot C, Neiger H, Leroy A, Pierron G, Dufour M, Péninou G., **Kinesiterapia**, Médica Panamericana, 2005

Hoppenfeld Stanley, **Exploración física de la columna vertebral y las extremidades**, Manual Moderno,

Gallego Izquierdo, Tomás, **Bases teóricas y fundamentos de la fisioterapia**, Panamericana, 2007

Seco, Jesús, **Fisioterapia en Especialidades Clínicas. Serie Sistema Músculo-Esquelético. Volumen II**, 1ª, Panamericana, 2015

Stuart Porter, **Tidy Fisioterapia**, 14ª, Elsevier, 2009

Gray, **Anatomía de superficie y técnicas ecográficas**, Elsevier, 2020

Muscolino, Joseph E., **Manual de palpacion osea y muscular: con puntos gatillo, patrones de referencia y estiramientos**, 2ª, Panamericana, 2017

Valerius Klaus P; Frank Astrik; Kolster, Bernard C; Hamilton C ; Lafont EA., **El Libro de los músculos. Anatomía - Exploración- Función**, 5ª, Panamericana, 2013

Recommendations

Subjects that are recommended to be taken simultaneously

Physiology: Functional movement in physiotherapy/P05G171V01105

Subjects that it is recommended to have taken before

Human anatomy: Human anatomy/P05G171V01101

Physiology: Human physiology/P05G171V01102