



IDENTIFYING DATA

Human anatomy: Surgical conditions

Subject	Human anatomy: Surgical conditions			
Code	P05G171V01202			
Study programme	Grado en Fisioterapia			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Basic education	2nd	1st
Teaching language	Spanish Galician			
Department				
Coordinator	Magdalena Lopez, Carlos Jose			
Lecturers	Magdalena Lopez, Carlos Jose			
E-mail	cmagdalena@uvigo.es			
Web				
General description				

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.
B1	To know how to work in professional teams as a basic unit in which professionals and other personnel of health care organizations are structured in a uni or multidisciplinary and interdisciplinary way.
C3	Identify the psychological and social factors that influence the state of health or disease of individuals, families and community.
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.
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.
C24	Promote healthy lifestyle habits through health education.
C34	To know and understand the morphology, physiology, pathology and behavior of people, both healthy and sick, in the natural and social environment.
D1	Ability to communicate orally and in writing in Galician.
D7	Maintain an attitude of learning and improvement.
D8	Ability to understand the meaning and application of the gender perspective in different areas of knowledge and professional practice with the aim of achieving a more just and egalitarian society.

Expected results from this subject

Expected results from this subject	Training and Learning Results			
New	A2	B1	C3 C9 C13 C21 C24 C34	D1

New	A2	B1	C3 C9 C13 C24 C34	D1
New	A2		C21 C34	D1 D7
New	A2	B1	C3 C9 C21	D7
New			C9 C34	
New	A2	B1	C3	D1 D7 D8

Contents

Topic	
1.- General principles of the exploration of a patient with a problem *ortopédico.	1.1. Clinical history. 1.2. *Anamnesis. 1.3. Antecedents. 1.4. Physical exploration. 1.5. Complementary explorations.
2.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the cervical column and exploration of the nerves *segmentarios and peripheral of the upper member.	2.1. Pathology of the cervical column: 2.2. *Plexo *braquial. 2.3. Peripheral nerves of the upper member.
3.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the shoulder.	3.1. Introduction. Articulations. 3.2. *Fisiología Articulata. *Biomecánica. 3.3. Movements. 3.4. Physical exploration. 3.5. Complementary explorations. 3.6. Illnesses of the shoulder.
4.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the elbow.	4.1. Remembrance *anatómico. 4.2. Physical exploration of the elbow. 4.3. Illnesses of the elbow.
5.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the pulse and @da man..	5.1. Pulse. Remembrance *anatómico. 5.2. Exploration of the pulse. 5.3. Illnesses of the pulse. 5.4. Hand. Remembrance *anatómico, movements. 5.5. Exploration @da man. 5.6. Illnesses @da man.
6.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the column *toracolumbar and exploration of the nerves *segmentarios and peripheral of the inferior member.	6.1. Column *toracolumbar. 6.1. Nervous system of the column. 6.2. Nervous system of the inferior members.
7.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the chair.	7.1. Remembrance *anatómico. 7.2. Evaluation of the chair. 7.3. Illnesses of the chair.
8.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the knee.	8.1. Remembrance *anatómico. 8.2. Exploration of the knee. 8.3. Illnesses of the knee.
9.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the *tibia and of the ankle.	9.1. *Tibia. 9.2. Ankle.
10.- Clinical, diagnostic and surgical treatment of the pathology *ortopédica of the foot.	10.1. Characteristic *anatómicas. 10.2. Exploration of the foot in the boy. 10.3. Exploration of the foot in the adult. 10.4. Illnesses of the foot.
Seminars.	1. Syndrome of the tunnel *carpiano. 2. *Hernia Of the disk. 3. Fracture of chair. 4. Injuries *ligamentosas of the knee.

Planning			
	Class hours	Hours outside the classroom	Total hours
Introductory activities	1	0	1
Lecturing	30	80	110
Seminars	8	18	26
Case studies	4	0	4
Presentation	5	3	8
Objective questions exam	1	0	1

*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 directed to take contact and gather information on the students, as well as to present the matter.
Lecturing	Exhibition by part of the professor of the contents on the matter object of study, theoretical bases and/or directors of a work, exercise or project to develop by the student.
Seminars	Activities focused to the work on a specific subject, that allow *afondar or complement the contents of the matter.
Case studies	Assessment of clinical cases related with the subject treated.
Presentation	Each student will prepare a part of the subject assigned pole professor.

Personalized assistance	
Methodologies	Description
Lecturing	Query and continuous dialogue go in the student and the professor of way *presencial during the kinds and *tutorías and, besides, online road *Moovi and of the email.
Seminars	Circumstances and the labour repercussion, his diagnostic, his natural evolution, the options of the treatment, and present clinical cases of this pathology. Also we present images and comerelated and of surgical interventions applied in this pathology.

Assessment							
	Description	Qualification	Training and Learning Results				
Seminars	It will value the assistance and participation in the seminars, being the compulsory assistance for the continuous evaluation. It allows a fault of assistance and the rest justified with justificante official.	30	A2	B1	C3	D1	
					C9	D7	
					C13	D8	
					C21		
					C24		
					C34		
Case studies	It Will value the study and formulation of the resolution of clinical cases related with the subjects treaties.	10	A2	B1	C3	D1	
					C9	D7	
					C13	D8	
					C21		
					C24		
					C34		
Presentation	Each student will prepare a part of the matter assigned by the professor.	20	A2	B1	C3	D1	
					C9	D7	
					C13	D8	
					C21		
					C24		
					C34		
Objective questions exam	The theoretical examination will have a value of 40%. It consists of 30 questions with 4 possible answers. Only it will be valid a reply. The badly answered questions will subtract punctuation (-25% of the tarpaulin)	40	A2	B1	C9	D1	
					C13	D7	
					C24	D8	
					C34		

Other comments on the Evaluation

The student can renounce to the continuous evaluation in the first month of kind and will evaluate in the global examination.

To approve the subject owes to obtain the qualification of apt in the examinations, so much the global how in the continuous evaluation, that corresponds to 50% of the possible maximum punctuation.

-CONTINUOUS EVALUATION: they owe to realize all the seminars. It will value the assistance and participation in the seminars, being the mandatory assistance stop the continuous evaluation. Only they admit fouls with xustificante official.

Yes no they surpass spends the second opportunity.

They will value the clinical cases. Only they admit fouls of assistance with xustificante official.

It Will value the presentation of the subject assigned. Yes no it realizes will spend to the second opportunity.

To approve the subject owes to obtain the qualification of apt in the examinations, so much the global how in the continuous evaluation, that corresponds to 50% of the possible maximum punctuation. Yes no they surpass spends the second opportunity.

In the final punctuation the examination will explain 40%, the seminars 30%, the presentation of the matter 20% and the study of clinical cases 10%.

-GLOBAL EVALUATION (renounces the continuous evaluation): it owes to be apt correspondent to 50% of the possible maximum punctuation. Yes no they surpass spends the second opportunity.

-EXTRAORDINARY EVALUATION- RECOVERY: it owes to be apt correspondent to 50% of the possible maximum punctuation

Sources of information

Basic Bibliography

Hoppenfeld, **Exploración física de la columna vertebral y extremidades**, 29, Manual Moderno, 2000

Luis Fernández, Ofelia Carrión, **Patología médico-quirúrgica para fisioterapeutas**, 1, Elsevier, 2019

Delgado, **Cirugía ortopédica y traumatología**, 1, Panamericana, 2009

McRae, **Ortopedia y fracturas**, 1, Marbán, 2000

SECOT, **Manual SECOT de cirugía ortopédica y traumatología**, 2, Panamericana, 2010

Seco, **Afecciones Médico-Quirúrgicas para Fisioterapeutas.**, 1, Panamericana, 2017

Complementary Bibliography

Cleland, **Netter Exploración Clínica en Ortopedia. Un Enfoque Basado en la Evidencia**, 3, Elsevier, 2017

Duckworth, **Ortopedia, traumatología y reumatología**, 2, Elsevier, 2017

Recommendations

Subjects that continue the syllabus

Radiology/P05G171V01208

Physical therapy in clinical specialties I/P05G171V01308

Physical therapy in clinical specialties II/P05G171V01309

Manual Therapy in Neuromotor Disorders/P05G171V01301

Subjects that are recommended to be taken simultaneously

Human anatomy: Medical conditions/P05G171V01201

Subjects that it is recommended to have taken before

Human anatomy: Medical-surgical conditions/P05G171V01107