



IDENTIFYING DATA

Cranio-Cervical Mandibular Physical Therapy

Subject	Cranio-Cervical Mandibular Physical Therapy			
Code	P05G171V01314			
Study programme	Grado en Fisioterapia			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	3rd	2nd
Teaching language	Spanish			
Department				
Coordinator	Rodil Gargallo, María			
Lecturers	Rodil Gargallo, María			
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Web				
General description	(*)Na materia en Fisioterapia cérvico-cráneo-madibular, estúdase en profundidade a anatomía da rexión, as patoloxías e técnicas de tratamento.			

Training and Learning Results

Code	
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.
B3	Communicate effectively and clearly, both orally and in writing, with users of the health system as well as with other professionals.
C6	Identify anatomical structures as a basis of knowledge to establish relationships dynamically with the functional organization.
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.
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.
C34	To know and understand the morphology, physiology, pathology and behavior of people, both healthy and sick, in the natural and social environment.
C38	Intervene in the areas of health promotion, prevention, protection and recovery.
D1	Ability to communicate orally and in writing in Galician.
D7	Maintain an attitude of learning and improvement.

Expected results from this subject

Expected results from this subject	Training and Learning Results
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Identify anatomical structures as a basis of knowledge to establish relationships dynamically with the functional organization.				C6 C34
To know and understand the morphology, physiology, pathology and behavior of people, both healthy and sick, in the natural and social environment.				
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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.	B1 B3	C13 C14 C16 C19	D7	
Communicate effectively and clearly, both orally and in writing, with users of the health system as well as with other professionals.		C20 C21 C38		
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Intervene in the areas of health promotion, prevention, protection and recovery.				
Maintain an attitude of learning and improvement.				

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C14 D7
C16
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Analyze, program and apply movement as a therapeutic measure, promoting the participation of the patient/user in the process.

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.

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.

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.

Intervene in the areas of health promotion, prevention, protection and recovery.

Ability to communicate orally and in writing in Galician.

Maintain an attitude of learning and improvement.

Contents

Topic

- Anatomy, physiology and biomechanics of the cervico-cranio-mandibular complex	- Anatomy and physiology of the cervical, cranial and mandibular area. - Relationship with other anatomical structures. - Correct biomechanics of the joint complex
-Pathologies of the cervical-cranio-mandibular complex	- Traumatic, discal, degenerative pathologies,.. - Origin of the pathology. - Differential diagnosis.
-Physical and radiological assessment of the cervico-cranio-mandibular complex	- Interpretation and analysis of pathology in radiological imaging or magnetic resonance.
-Treatment of pathologies of the cervical-cranio-mandibular complex	- Realization of the treatment plan for a patient with problems at the FCCM level through education, manual therapy, therapeutic exercise and other guidelines given by multidisciplinary work with other professionals in dentistry and medicine. - Treatment techniques. - Referrals to other professionals and multidisciplinary work.

Planning

	Class hours	Hours outside the classroom	Total hours
Lecturing	21	56	77
Laboratory practical	16	37	53
Mentored work	1	14	15
Introductory activities	2	0	2
Essay questions exam	1	0	1
Laboratory practice	1	0	1
Essay	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

Lecturing	Presentation of the contents by the teacher. Theoretical sessions include problem-solving activities and case studies.
Laboratory practical	Demonstration by the teaching staff of the assessment and/or treatment techniques that the students will carry out in pairs under the supervision of the teaching staff.
Mentored work	The work will be done individually. It will consist of the delivery of a dossier that will be composed of a series of activities that will be carried out inside and outside the classroom.
Introductory activities	The teaching staff will present the subject to the students and gather information about them (previous knowledge, interests of the students,..).

Personalized assistance

Methodologies	Description
Lecturing	The personalized attention will be focused on the resolution of doubts that students may have in relation to the subject through * face-to-face tutorías, email and / or remote campus.
Laboratory practical	The personalized attention will be focused on the resolution of doubts that students may have in relation to the subject through face-to-face tutorials, email and / or remote campus.
Mentored work	The personalized attention will be focused on the resolution of doubts that students may have in relation to work through face-to-face tutorials, email and / or remote campus.
Introductory activities	The personalized attention will be focused on the resolution of doubts that the students may have in relation to the organization of the subject.

Assessment

	Description	Qualification	Training and Learning Results	
Essay questions exam	Development Question Exam	40	C14 C16 C19 C20 C21 C34	D1
Laboratory practice	Demonstration and/or explanation of treatment techniques and/or assessment of the cervical-cranio-mandibular complex	40	B1 B3 C6 C13 C14 C16 C19 C20 C21 C34 C38	D1 D7
Essay	The completion and delivery of the work is mandatory	20	B1 B3 C13 C14 C16 C19 C20 C21 C38	D1 D7

Other comments on the Evaluation

Continuous evaluation: to follow this evaluation it is essential to attend 80% of the practical classes and present a work (mandatory presentation to pass the subject). In this case, the theoretical exam will take place in the school period indicated in the schedule (40%), the practical one in ordinary call (40%).

For those students who decide **NOT to follow the continuous evaluation:** in the first place, they must communicate it through the appropriate channels the choice of this type of evaluation. In this case, **global evaluation,** absences will NOT be penalized and they should NOT do the work. Its evaluation would be 50% theoretical exam development questions and 50% resolution of practical cases, both in ordinary call.

To pass the subject, you must have passed the theoretical and practical exam at 50% each.

To take the practical exam it is mandatory to take the theoretical exam.

Students who have one of the approved parts are saved the part passed for the next call within the same academic year.

Sources of information

Basic Bibliography

Fernandez de las Peñas C.; Mesa J., **Trastornos de la articulación Temporomandibular. Terapia manual, ejercicio y técnicas invasivas**, 9788491105442, 1º, Editorial Medica Panamericana, 2019

Pérez Fernández T.; Parra González A., **Fisioterapia en el trastorno temporomandibular**, 9788491132837, 1ª, Elsevier, 2019

Okeson J., **Tratamiento de oclusión y afecciones temporomandibulares**, 9788491135197, 8ª, Elsevier, 2019

Complementary Bibliography

Ricard F., **Tratado de osteopatía craneal: articulación temporomandibular**, 9788494112225, 3ª, Medos Editorial, 2014

Maglione, H., **Disfunción craneomandibular: afecciones de los músculos masticatorios y ATM. Dolor orofacial**, 9789585426740, 2ª, Amolca, 2018

Recommendations

Subjects that it is recommended to have taken before

Human anatomy: Human anatomy/P05G171V01101

Physiotherapy evaluation/P05G171V01108

Manual Therapy/P05G171V01206
