COURSE DATA

Data Subject	
Code	33025
Name	Physiotherapy in clinical specialities II
Cycle	Grade
ECTS Credits	6.0
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. year	Period
1202 - Degree in Physiotherapy	Faculty of Physiotherapy	3	Second term

Subject-matter

Degree	Subject-matter	Character
1202 - Degree in Physiotherapy	14 - Physiotherapy in clinical specialties	Obligatory

Coordination

Name	Department
FUENTES APARICIO, LAURA	191 - Physiotherapy
PEREZ ALENDA, SOFIA	191 - Physiotherapy

SUMMARY

The subject Physiotherapy in Clinical Specialties II guides the student in learning assessment and physiotherapy treatment in congenital coagulopathies, cancer patients, urogynecological and obstetric alterations, as well as amputations and reimplantation.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

It is not necessary previous requirements.

OUTCOMES

1202 - Degree in Physiotherapy

- Respect fundamental rights and equality between men and women.
- Recognise diversity, multiculturality, democratic values and peace culture.
- Have the ability to organise and plan work.
- Know how to plan treatment goals in rheumatic and orthopaedic conditions, coagulopathies, oncological conditions, urogynecology, obstetrics, amputations and re-implants, based on Physiotherapy Clinical Records.
- Know how to establish a therapeutic plan to reach the goals from the Physiotherapy Diagnosis, established in accordance with internationally recognised standards and international validation instruments.
- Know how to apply the different physiotherapy techniques of promotion, prevention and health preservation in rheumatic and orthopaedic conditions, coagulopathies, oncological conditions, urogynecology, obstetrics, amputations and re-implants.
- Know how to assess the applied physiotherapy treatment and write the Discharge report.
- Know how to assess the results of the physiotherapy treatment.
- Know and apply good clinical practice guides.

LEARNING OUTCOMES

At the end of the course the student will be able to:

1. Design a plan of action in physiotherapy in coagulopathies, oncological diseases, obstetric and urogynecological alterations and in amputations and reimplantations.
2. To evaluate the evolution of the results obtained in physiotherapy therapy in relation to the objectives.

DESCRIPTION OF CONTENTS

1. Physiotherapy in disorders of coagulation (theoretical block. 5 hours)

Unit 1.Generalities of hemophilia and other congenital coagulopathies
Unit 2. Hemophilia and locomotor system: common injuries
Unit 3. Physiotherapy in common lesions of the patient with hemophilia: I part
Unit 4. Physiotherapy in the common lesions of the patient with hemophilia: II part
Unit 5. Prevention and treatment of hemophilic arthropathy. Physiotherapy in orthopedic surgery.

2. Physiotherapy in oncology (theoretical block. 4 hours)

Unit 6. Introduction and overview of Physiotherapy in oncology.
Unit 7. Physiotherapy in breast cancer: practical issues.
Unit 8. Physiotherapy in breast cancer: prevention and treatment of lymphedema.
Unit 9. Physiotherapy in palliative care.

3. Physiotherapy in pelvic floor dysfunction (theoretical block. 7 hours)

Unit 10: Overview of physiotherapy of pelvic floor dysfunction.
Unit 11: Functionality abdominopelvic compartment.
Unit 12: Physical therapy in urinary incontinence and pelvic organ prolapse.
Unit 13: Physical therapy in obstetrical trauma.
Unit 14: Physical therapy in pelvic pain and sexual dysfunction.
Unit 15: Physical therapy in pelvic floor dysfunction and male child.
Unit 16: Physical Therapy in anorectal disorders.

4. Physiotherapy to amputation and reimplantation (theoretical block. 4 hours)

Unit 17. Introduction and overview of physiotherapy in the amputee.
Unit 18. Physiotherapy in the lower limb amputee.
Unit 19. Physiotherapy in the upper limb amputee and physiotherapy treatment of the scar.
Unit 20. Physiotherapy in membership limb reimplantation.

5. Physiotherapy in coagulopathies (practical block)

Practice 1: Introduction to musculoskeletal ultrasound.
Practice 2: Ultrasound examination of the common injuries in the patient with hemophilia.
Practice 3: Anamnesis and clinical examination in the patient with hemophilia. Clinical cases.

6. Physiotherapy in Oncology (practical block)

Practice 4. Physiotherapy in palliative care of cancer patients.
Practice 5. Communication and case studies in cancer patients.

7. Physiotherapy in pelvic floor dysfunction (practical block)

Practice 6. Anatomical remember and functional pelvic floor. Physiotherapy clinical interview and examination of the patient with pelvic floor dysfunction.
Practice 7. Physiotherapy techniques in pelvic floor dysfunction: Pelvic floor propioception, pelvic floor control motor training, biofeedback and electrotherapy. Plevic floor muscle training. Clinical cases I.
Practice 8. Other physiotherapy techniques in pelvic floor dysfunction: Functional and synergistic excercises of the abdominopèlvic compartment. Treball abdominal. Clinical cases II.

8. Physiotherapy to amputation and reimplantation (practical block)

Practice 9. Treatment and amputation stump bandage. Scar treatment.
Practice 10. Fitting of the amputation stump.
Practice 11: Clinical cases.

WORKLOAD

ACTIVITY	Hours	% To be attended
Laboratory practices	40,00	100
Theory classes	20,00	100
Development of individual work	14,00	0
Study and independent work	20,00	0
Preparation of evaluation activities	31,00	0
Preparing lectures	25,00	0
TOTAL	**150,00**	

TEACHING METHODOLOGY

The theoretical teaching will take place in the classroom with the agenda for the exposure (type lecture participatory activities). Students know in advance the topics in order to answer questions, concepts, and encourage their participation.

In the practical program, students will learn by solving problems and exercises, group activities and case studies, and skills training and procedures used in physical therapy in oncological diseases, urogynecologic, congenital coagulopathies and the amputee.

In addition, students groups, they should conduct and present a paper on a topic provided by the teacher.

The teaching program might be modified during the development of the subject if the professor considers it appropriate, in order to guarantee the teaching quality and the learning process.

EVALUATION

Theoretical program (40% of the final mark): 4 points

Written test: multiple choice test of 60 questions. Note =[hits-(errors/nº options-1)]*(maximal mark/nº questions).

Practice program (60% of the final mark): 6 points

1. Written test (4 points): exam divided into 4 parts corresponding to each of the 4 content blocks into which the practical program is divided. Each of these parts will have a maximum mark of 1 point.

2. Continuous assessment tasks (2 points).

The final mark, will be the sum of the mark obtained in the theoretical program and the practical program. For this, the minimum mark for each of the exams must be: minimum mark of 2 points in the theoretical exam and 2 in the practical exam.

In all written tests, spelling errors will be penalized.

REFERENCES

Basic

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- Walker C. Fisioterapia en obstetricia y uroginecología. 2ª edición. Elservier Masson. 2013.

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- Balius R. Ecografía musculoesquelética. Barcelona: Paidotribo; 2007.

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ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

This addendum will only be activated if the health situation so requires and with the prior agreement of Consell de Govern.

1. Contents

The contents initially included in the teaching guide are maintained.

2. Workload and temporary teaching planning

The proportion of the different activities that add up to the hours of dedication in ECTS credits marked in the original teaching guide has been maintained.

3. Teaching methodology

Depending on the needs, teaching will be adapted to the blended or non-classroom mode, through the implementation of the corresponding teaching strategies (i.e. hybrid teaching, videoconference sessions, voice-over presentations, videos or additional multimedia material).

The tutorials may be conducted virtually, following the guidelines of the Universitat de València, via e-mail or videoconference, through the Blackboard Collaborate or Teams platform.

4. Evaluation:

The final evaluation tests will be presential, and only in case of problems caused by the evolution of the pandemic, final evaluation tests will be done online through Aula Virtual of the Universitat de València.