

COURSE OUTLINE
SPECIAL CLINICAL ISSUES (MP24)

1. GENERAL

SCHOOL	School of Health Sciences		
DEPARTMENT	Physiotherapy		
LEVEL OF EDUCATION	Postgraduate		
COURSE CODE	MP24	SEMESTER OF STUDY	B
COURSE TITLE	Special Clinical Issues		
SELF-ENDED TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	CREDIT UNITS	
<i>Theory + Exercise tutorials</i>	2+1	7	
<i>Laboratory</i>			
COURSE TYPE	Special Background		
PREREQUISITE COURSES:	NO		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek/English		
ERASMUS STUDENTS	NO		
ECLASS COURSE CODE	PHYSIO P 107		
COURSE RESPONSIBLE	Dr. Savvas Spanos, Assistant Professor		
PHONE/ EMAIL	2231060298/ sspanos@uth.gr		

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2. LEARNING OUTCOMES

Learning results
<p>Upon successful completion of the course, the student will be able to:</p> <ol style="list-style-type: none"> 1) Demonstrate knowledge and understanding that builds on but also extends/reinforces knowledge associated with previous coursework and provides a basis or opportunity for original development and/or application of ideas, within a framework of theory, research and applied practice. 2) To apply the knowledge from his previous course of study to solve problems in new or less familiar environments in the context of the wider (or interdisciplinary) working conditions related to his field of study, confirming his understanding of them, as well as the ability to use them . 3) To have the ability to integrate knowledge, manage complex issues and formulate decisions using incomplete or limited information, while at the same time supporting reflection on the social and ethical responsibilities associated with the application of knowledge and decisions. 4) Be able to communicate his conclusions, as well as the knowledge and rationale on which they are based, to specialized and non-specialized audiences with clarity and competence. 5) To choose a model of approach to his professional development and to avoid possible obstacles in its implementation. 6) To qualitatively assess the existing research evidence and manage the patient based on it. 7) To make use of his daily experiences in a systematic way for the benefit of the therapeutic effect. 8) To solve clinical problems under structured clinical reasoning, to make the best treatment decision every time and to be able to support its effectiveness in relation to its cost. 9) To improve his clinical workplace as well as his techniques always respecting the rules of ethics in the provision of health services.

10) To act proactively for the benefit of his patients.

General & Special Skills

The course aims to develop the following **general** skills:

- Search, analysis and synthesis of data and information, using the necessary technologies.
- Adaptation to new situations.
- Decision making.
- Autonomous work.
- Teamwork.
- Work in an interdisciplinary environment.
- Generating new research ideas.
- Implement criticism and self-criticism.
- Promotion of free, creative and inductive thinking.

The course aims to develop the following **specific** skills:

- Ability to apply the scientific knowledge in clinical practice.
- Ability to develop clinical reasoning and make therapeutic decisions.
- Ability to systematically utilize daily experiences and apply research procedures in daily practice.
- Ability to communicate with the patient.

3. COURSE CONTENT

1. Continuing professional development. Reflective practice. Experiential learning and strategies.
2. Clinical reasoning: necessity and basic principles.
3. Scientific epicheirema: logical fallacies and biases.
4. Pain: neurophysiology and chronicity.
5. Chronic pain due to central sensitization.
6. Subjective assessment in neuromusculoskeletal physiotherapy.
7. Advisory guidance of work study.
8. Neuro-otological issues and physiotherapeutic approach.
9. Occupational burnout.
10. Ergonomics in physiotherapy.
11. New technologies in rehabilitation.
12. Physiotherapy in gynecology.
13. Case studies that enhance learning.

4. TEACHING AND LEARNING METHODS - ASSESSMENT

METHOD OF TEACHING	Face-to-face, Hybrid education, Distance education at 20%	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Use of PC, projector, video, and ICT (e -class, email, MS Teams, google docs) in teaching and communicating with students	
TEACHING ORGANIZATION	Activity	Semester Workload
	Lectures	39
	Independent Study & article analysis	80
	Elaboration of work study	25
	Writing a paper	26
	Preparation for presentation and public presentation of work	5
	Total Course (25 workload hours per credit unit)	175
STUDENT EVALUATION	The evaluation of the students is carried out in accordance with the regulation of the P.M.S. and the relevant decisions of the Department Assembly as a weighting of their grade in the written	

	<p>exams (65%) and their performance at work (35%). Written exams include Multiple Choice Tests.</p> <p>The paper is a clinical case study, it is prepared individually (1 paper for each student), it is submitted through the e- class in a predetermined period of time to be checked for plagiarism by Turnitin plagiarism software as well as it is publicly presented. The work is graded by the course responsible based on specific evaluation criteria that are known to the students (notified at the start of the course).</p>
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5. RECOMMENDED BIBLIOGRAPHY

<ol style="list-style-type: none"> 1. Aslop A, 2000. Continuing Professional Development: A guide for therapists. BLACKWELL SCIENCE LTD. 2. Johns C, 2009. Becoming a Reflective Practitioner, 3rd ed. WILEY-BLACKWELL. 3. Higgs J, Jones M, Loftus S, Christensen N, 2008. Clinical Reasoning in the Health Professions, 3rd ed. BUTTERWORTH-HEINEMANN. 4. Herbert R, Jamtvedt G, Mead J, Hagen KB, 2005. Practical Evidence-Based Physiotherapy, 1st ed. BUTTERWORTH-HEINEMANN. 5. Bury T, Mead J, 1998. Evidence-based healthcare, 1st ed. BUTTERWORTH-HEINEMANN. 6. Jones M, Rivett D, 2004. Clinical reasoning for manual therapists, 1st ed. BUTTERWORTH-HEINEMANN. 7. Kassirer J, Wong J, Kopelman R, 2009. Learning Clinical Reasoning, 2nd ed. WILLIAMS & WILKINS. 8. Ghaye T, Lillyman S, 2011. Empowerment Through Reflection: A practical guide for practitioners and health care teams, 2nd ed. MARK ALLEN PUBLISHING Ltd. 9. Wittink H, Michel TH, 1997. Chronic pain management for physical therapists, 1st ed. BUTTERWORTH-HEINEMANN. 10. Grieve G, 1994. The masqueraders. In: Boyling JD, Palastanga N. Grieve's modern manual therapy: the vertebral column, 2nd ed. CHURCHILL LIVINGSTONE.
