

FUNCTIONAL NEUROLOGICAL DISORDERS	
GENERAL INFORMATION	
Course coordinator	Assistant Professor Svetlana Tomić, MD, PhD
Assistant/Associate	Assistant Professor Stjepan Jurić, MD, PhD
Study Programme	Integrated undergraduate and graduate university study of Medicine
Status of the course	Elective
Year of study, semester	4 th year, 8 th semester
ECTS	2
Workload (hours)	Lectures (10); Seminars (10); Exercises (5)
Expected number of students	30
COURSE DESCRIPTION	
Course objectives	
Train students to clinically differentiate between functional and organic neurological diseases. Master diagnostic procedures in diagnosis of functional neurological disorders. Master the therapeutic approach to patients with functional neurological disorders.	
Enrolment requirements and entry competencies	
There are no specific requirements for this course except those defined in the study program curriculum.	
Learning outcomes at the Programme level	
1.1.; 1.2.; 2.1.; 2.2.; 2.3.	
Learning outcomes (5-10)	
After attending lectures, seminars and exercises, self-learning and successfully passing the exam, the students will be able to: <ol style="list-style-type: none"> 1. Distinguish organic from functional neurological disorders 2. Understand the histopathological mechanisms of functional movement disorders 3. Independently administer diagnostic tests and understand the clinical approach to patients with functional disorders 4. Understand the approach to patient when disclosing a diagnosis 5. Understand the psychological tests used in the diagnosis of functional disorders 6. Understand the therapeutic approach to functional movement disorders 	
Course content	
<p>Lectures Definition and etiology of functional, psychogenic and conversion disorders; Difference between clinical presentations of organic and functional sensory and motor dysfunctions, speech and gait disturbances; Difference between clinical presentations of organic and functional movement disorders; Difference between clinical presentations of organic and psychogenic loss of consciousness.</p> <p>Seminars Clinical tests and procedures for diagnosing functional disorders; Psychological testing; How to disclose a diagnosis to a patient with functional disorder and start treatment?; Treatment of functional movement disorders; Psychotherapeutic treatments in the treatment of somatic diseases.</p> <p>Exercises Examination of patients with functional disorders; Cognitive rehabilitation.</p>	

Mode of teaching						
Lectures; Seminars; Exercises						
Student obligations						
Students are expected to attend all class sessions, as well as to take all the examinations. However, they are allowed for excused absences, totalling 30% of all classes. Missed exercises must be compensated by sitting for an exam.						
Monitoring student work (alignment of learning outcomes, teaching methods, and grading)						
Teaching activity	ECTS	Learning outcome	Student activity	Assessment methods	Grade points	
					Min.	Max.
Attendance (lectures and seminars)	0.5	1-6	Class attendance	Records	5	20
Exercises	0.5	1-6	Attendance and active participation in exercises	Exercise log	15	30
Final exam	1	1-6	Studying for the oral exam	Oral exam	30	50
Total	2				50	100
<i>Evaluation of the final exam:</i>						
Student's answer			Grade points			
The answer meets the minimum criteria			30.0			
Average answer with notable mistakes			37.0			
Very good answer with minor mistakes			44.0			
Exceptional answer			50.0			
<i>Calculation of final grade:</i>						
If a student earns 30 or more points on the final exam, points achieved in class are combined with points achieved on the final exam and the sum represents the final grade. Considering that the study program provides for a descriptive evaluation of elective courses, the course director will give a student who achieved 50 or more points the grade "passed".						
Required reading (available in the library and through other media)						
Title				Number of copies in the library	Availability through other media	
1.Roper and Adams - Principles of Neurology, 2019						
2.Jon Stone, Alan Carson – Functional Neurology Disorders, Continuum, 2015						
3.Francesca Morgante, Mark J. Edwards, Alberto J. Espay – Psychogenic Movement Disorders, Continuum, 2013						
Additional reading						
1. Levy J, Thomas M - Psychogenic Movement Disorders, 2011						

2. Mark Hallett, Jon Stone, Alan Carson - Functional Neurological Disorders, 2016

Course evaluation procedures

Anonymous, quantitative, standardized student survey providing feedback on the course as well as on the work of course coordinators and their assistants/associates is being conducted by the QA Office of the Faculty of medicine Osijek.

Note /Other

E-learning does not count towards course contact hours, but is being used in teaching and comprises links to various web pages, as well as video and audio materials available on web pages.