

Course description

Part 1

General information about the course		
1. Major of study: medicine		2. Study level: unified MSc
		3. Form of study: intramural
4. Year:	5. Semester:	
6. Course name: Internal Medicine Sub-I Neurology		
7. Course status: required		
8. Course contents and assigned learning outcomes		
The aim of the course is to know the most often neurological disorders of the adult age, including neurodegenerative diseases (Alzheimer's disease, Parkinson's disease and other parkinsonism), epilepsy, neuroinfections, neuromuscular diseases, headache and stroke. After completion of this course student will be able to: perform neurological examination, recognize neurological syndrome, interpret lab tests results and identify abnormalities in the lab tests, plan differential diagnosis, treatment and prevention of common neurological diseases		
Learning outcomes / reference to learning outcomes indicated in the standards		
w zakresie wiedzy student zna i rozumie / For knowledge – student knows and understands: E.W 13; E.W14		
w zakresie umiejętności student potrafi / For skills student can do: E.U2.; E.U4.; E.U13; E.U16; E.U24.;		
w zakresie kompetencji społecznych student jest gotów do / For social competencies student is ready to:		
formulating conclusions from own measurements and observations, compliance with medical confidentiality and patient's rights		
9. Number of hours for the course		30
10. Number of ECTS points for the course		9
<i>*for the whole block of internal medicine sub-I</i>		
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Oral evaluation – open questions Grade credit – MCQ	*
Skills	Observation Practical exam	*
Competencies	Observation	*

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Department of Neurology, School of Medicine in Katowice Medyków 14, Katowice, neurowp@sum.edu.pl		
13. Name of the course coordinator: Ewa Krzystanek, MD, PhD – Head of the Department of Neurology Joanna Siuda, MD, PhD – coordinator of students affairs at the Department of Neurology		
14. Prerequisites for knowledge, skills and other competencies: Student knows neuroanatomy, knows how to perform neurological examination, and is able to recognize a neurological syndrome.		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	Students: lab coat, neurological hammer, stethoscope, own studies at the library Teacher: multimedia presentations, conversatory lectures, videos, hospital computer network (for lab results interpretations), clinical labs at the neurology ward	
17. Location of classes	Dept. of Neurology, Central University Hospital, Medyków 14, Katowice	
18. Location and time for contact hours	During classes, 09:00 – 12:00, location: as above	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
P_W01 / C_K01	Knows neurological examination scheme; able to perform neurological examination	E.W13
P_W02 / C_K02	Can interpret neurological examination results	E.W13
P_W03 / C_K03	Knows symptoms and disease course of neurological disorders	E.W14
P_W04 / C_K04	Knows differential diagnosis and therapeutic scheme of neurological diseases	E.W14
P_W05 / C_K05	Knows epidemiology and etiology of the most common neurological diseases	E.W1
P_U01 / C_S01	Can evaluate patient's general condition and state of consciousness	E.U3, E.U7
P_U02 / C_S02	Can perform differential diagnosis of the most common neurological diseases	E.U12
P_U03 / C_S03	Can plan differential diagnosis, treatment and prevention of neurological diseases	E.U12, E.U16
P_U04 / C_S04	Can identify abnormalities in lab tests and interpret lab tests results	E.U24
P_U05 / C_S05	Can examine disabled patient - functional evaluation	E.U3, E.U22
P_U06 / C_S06	Can assist during lumbar puncture (LP) and is able to interpret LP lab tests results	E.U24
P_U07 / C_S07	Can perform anamnesis with patient and caregiver (informant)	E.U1
20. Forms and topics of classes		Number of hours
21.1. Lectures		10
Cerebrovascular diseases		2

Alzheimer's disease and other dementias	1
Parkinson's disease and other movement disorders	2
Multiple sclerosis	2
Epilepsy	1
Neuromuscular diseases	2
22.2. Seminars	0
23.3. Labs	20
Neurological syndrome recognition - repetition	4
Differential diagnosis, additional studies and lab tests in neurological diseases	4
Therapeutical approach to different neurological diseases -case studies	4
Anamnesis, case history and looking after hospitalized patients on a neurological ward	4
Case history - discussion of differential diagnosis, additional tests and treatment	4
24. Readings	
Louis ED, Mayer SA, Rowland LP. Merritt's Neurology 13th Edition, © Wolters Kluwer 2015 Fuller G. Neurological examination made easy, © Churchill Livingstone 2013	
25. Detail evaluation criteria	
In accordance with the recommendations of the inspection bodies Completion of the course – student has achieved the assumed learning outcomes Detail criteria for completion and evaluation of the course are specified in the course regulations	