

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: 4		5. Semestr / Semester: 8
6. Course name: Physical Diagnosis		
7. Course status: required		
8. Course contents nad assigned learning outcomes		
1. Common symptomatology, epidemiology and diagnosis criteria of internal diseases.		
2. Taking a professional medical history from patients.		
3. Physical diagnosis in cardiovascular, respiratory, GI, Nephrology, Metabolic and endocrine, musculoskeletal diseases.		
4. Symptomatology, diagnosis, differential diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnostic procedures in Internal Medicine		
Learning outcomes / reference to learning outcomes indicated in the standards		
For knowledge – student knows and understands: E.W7, E.W39, E.W40,		
For skills student can do: E.U1, E.U3, E.U37, E.U38		
For social competencies student is ready to		
1) establish and maintain deep and respectful contact with the patient, as well as showing understanding of ideological and cultural differences;		
2) guiding the patient's well-being;		
3) compliance with medical confidentiality and patient's rights;		
4) taking actions towards the patient based on ethical principles, with the awareness of social conditions and restrictions resulting from the disease;		
5) perceiving and recognizing one's own limitations and self-assessing educational deficits and needs;		
6) promoting health-promoting behavior;		
7) using objective sources of information;		
8) formulating conclusions from own measurements or observations;		
9) implementing the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment;		
10) formulating opinions on various aspects of professional activity;		
11) assuming responsibility related to decisions taken as part of professional activities, including in terms of self and other people's safety.		
9. Number of hours for the course		45
10. Number of ECTS points for the course		2
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Written evaluation – open questions Grade credit – MCQ	*written evaluation, MCQ, oral questions, practical evaluation by the patients bedside

Skills	Report Observation Practical exam	Practical exam
Competencies	Observation	Evaluation of the in and outpatients

* 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 (Physical Diagnosis)

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Department Of Internal Medicine, Rheumatology and Immunology Górnośląskie Centrum Medyczne im. prof. Leszka Gieca Śląskiego Uniwersytetu Medycznego w Katowicach reumatologia@gcm.pl ekucharz@sum.edu.pl		
13. Name of the course coordinator: Prof. Dr hab med. Eugeniusz Józef Kucharz Sham Abdul Cader Mohamed M.D, Ph.d		
14. Prerequisites for knowledge, skills and other competencies: Pre-clinical knowledge and obtaining positive results in the none clinical courses		
15. Number of students in groups 7	In accordance with the Senate Resolution	
16. Study materials	In patients, Out patients, power point presentations, patients case histories, Laboratory and Imaging technique results, Invasive and none invasive procedures. Reading; Bates Physical exam,	
17. Location of classes	Department Of Internal Medicine, Rheumatology and Immunology Górnośląskie Centrum Medyczne im. prof. Leszka Gieca Śląskiego Uniwersytetu Medycznego w Katowicach	
18. Location and time for contact hours	Department Of Internal Medicine, Rheumatology and Immunology Górnośląskie Centrum Medyczne im. prof. Leszka Gieca Śląskiego Uniwersytetu Medycznego w Katowicach	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
P_W01 / C_K01	environmental and epidemiological conditions of the most common diseases	E.W1.
P_W02 / C_K02	causes, symptoms, principles of diagnosis and therapeutic procedure in relation to the most common internal diseases occurring in adults and their complications:	E.W7.
P_W04/C_K04	theoretical and practical foundations of laboratory diagnostics;	E.W40.
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P_U01 / C_S01	conduct an interview with an adult patients	E.U1.
P_U02 / C_S02	conduct a full and targeted physical examination of an adult patient	E.U3.
P_U14 / C_S15	recognize the agony of the patient and determine his death;	E.U37.
P_U15 / C_S15	keep patient's medical records.	E.U38.
20. Forms and topics of classes		Number of hours
23.3. Labs		45
1. taking medical history from patients - out and in patients		5
2. General evaluation of vital signs including none invasive measurements of the blood pressure , pulsoxymeterm, ECG, evaluation of the laboratory and imaging techniques in an adult		15
3. symtomatology of cardiovascular and respirotory system and physical diagnosis		10
4. symptomatology of the Upper and lower GI system, urogenital system and physcal evaluation of the patients		10
5. Symptomatology of the musculoskeletal system and enocrine system and physical evaluation of the patients		5
24. Readings		
Bates Physical exam,		
25. Detail evaluation criteria		
In accordance with the recommendations of the inspection bodies Completion of the course – student has achieved the assumed learning outcomes by successfully passing the practical and theoretical part of the course work and obtaining positive results Detail criteria for completion and evaluation of the course are specified in the course regulations The course regulation is established by the Department prior to the Deans acceptance		