

Course description

Part 1

General information about the course		
1. Major of study: Nursing		2. Study level: 1st Degree studies/practical profile
		3. Form of study: Intramural studies
4. Year: II year / cycle 2021-2024		5. Semester: III and IV
6. Course name: Internal disease and Internal nursing		
7. Course status: required		
8. Course contents nad assigned learning outcomes		
C1 - Provide the knowledge necessary to identify the needs of an individual, group or community and identify the resources necessary and available to meet them.		
C2 - To develop skills for planning and delivering nursing care, taking into account the nursing process method and priorities for care.		
C3 - To prepare to perform prophylactic, diagnostic, therapeutic, rehabilitation and educational services in accordance with the regulations in force.		
C4 - Shaping health promotion and education skills.		
C5 - Shaping sensitivity and responsibility towards a sick person.		
Learning outcomes / reference to learning outcomes indicated in the standards:		
For knowledge – student knows and understands: D.W1, D.W2, D.W3, D.W4, D.W5, D.W6, D.W7, D.W8, D.W9, D.W10		
For skills student can do: D.U1, D.U2,D.U3, D.U4, D.U10, D.U11, D.U12, D.U13, D.U14, D.U15, D.U18, D.U20, D.U22, D.U23, D.U26		
For social competencies student is ready to: point 1.3 overall learning outcomes		
9. Number of hours for the course		185
10. Number of ECTS points for the course		13
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Examination - selection test	*
Skills	A credit is awarded on the basis of attendance at classes and observation of skills acquired by the student during practical classes. The student obtains points for: work on the nursing process, work in the field of therapeutic education, practical exam on procedures used in the internal medicine department, colloquia and partial test.	*
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: Chair and Clinic of Internal Medicine, Chair and Clinic of Cardiology, Department of Internal Nursing, 40-635 Katowice, Ziołowa 45/47, 032 3598277		
13. Name of the course coordinator: dr n. med. Dorota Strzałkowska /dr hab. n. med. Maciej Haberka prof. SUM / dr n. med. Magdalena Janusz-Jenczeń		
14. Prerequisites for knowledge, skills and other competencies: knowledge and skills in anatomy, physiology, pathology, physical examination, basic nursing, professional ethics, psychology, reliability, responsibility		
15. Number of students in groups	in accordance with the Senate Resolution	
16. Study materials	printout of the lecture summary	
17. Location of classes	Clinic of Internal and Metabolic Diseases, 2nd Clinic of Cardiology	
18. Location and time for contact hours	Department of Internal Nursing consultations according to the schedule	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
C_K01	etiopathogenesis, clinical symptoms, course, treatment, prognosis and principles of nursing care for patients in selected diseases	D.W2
C_K02	the biological, psychological, social and economic ageing process	D.W9
C_K03	patient's reactions to the disease, admission to the hospital and hospitalization	D.W8
C_K04	risk factors and health hazards in patients of different ages	D.W1
C_K05	properties of drug groups and their effect on the patient's systems and organs in different diseases depending on age and health condition, including side effects, interactions with other drugs and routes of administration	D.W6
C_K06	principles of diagnosing and planning patient care in the following areas: internal medicine	D.W3
C_K07	types of diagnostic tests and rules of their ordering	D.W4
C_K08	principles of organising specialist care: internal	D.W10
C_K09	principles of preparation of the patient at different age and health condition for examinations and diagnostic procedures, as well as principles of care during and after these examinations and procedures	D.W5
C_K10	nursing standards and procedures used in the care of patients of different ages and health status	D.W7
C_S01	collect information, formulate a nursing diagnosis, set goals and plan for nursing care, implement nursing interventions and evaluate nursing care	D.U1

C_S02	perform an electrocardiographic examination and recognize life-threatening disorders	D.U10
C_S03	prepare the patient physically and mentally for diagnostic tests	D.U12
C_S04	modify the solid dose of fast-acting and short-acting insulin	D.U11
C_S05	document the patient's health situation, the dynamics of its changes and the nursing care provided, including its tools for data collection	D.U15
C_S06	provide self-care counseling for patients of different ages and health status concerning malformations, diseases and addictions	D.U2
C_S07	carry out prevention of complications occurring in the course of diseases	D.U3
C_S08	issue referrals for specific diagnostic tests	D.U13
C_S09	prepare records of prescription forms of medicinal substances as a continuation of treatment	D.U14
C_S10	organise the isolation of patients with infectious diseases in public places and at home	D.U4
C_S11	recognize the complications of pharmacological, dietary, rehabilitation and therapeutic-care treatment	D.U18
C_S12	to have a therapeutic talk	D.U20
C_S13	to provide information to the members of the therapeutic team about the patient's condition	D.U22
C_S14	assist the doctor during diagnostic tests	D.U23
C_S15	prepare and administer drugs to patients by various routes, alone or at the request of a doctor	D.U26
20. Forms and topics of classes		Number of hours
20.1. Lectures		40
The nursing process in diseases of the cardiovascular system.		5
The nursing process in diseases of the endocrine system.		5
The nursing process in diseases of the urinary and renal systems.		5
The nursing process in diseases of the respiratory system.		5
The nursing process in diseases of the digestive system.		5
Clinical basis of cardiovascular diseases.		5
Clinical basis of respiratory system diseases.		5
Clinical basis of diseases of the hematopoietic system.		5
20.2. Seminars		15
Patient with gastrointestinal disease.		2
Patient with renal or urinary tract disease.		2
Patient with diabetes mellitus.		2
Patient with disease of the hematopoietic system.		2
Patient with disease of the endocrine system.		2
Patient with disease of the cardiovascular system.		2
Patient with disease of the respiratory system.		2
Patient with connective tissue disease.		1
20.3. Labs		10
Practical aspects of the care of patients with diabetes. Principles of diagnosis and monitoring of diabetes compensation. Pharmacological treatment of patients with diabetes.		1
Care of patients on dialysis due to acute/chronic renal failure.		2
Care of patients with gastrointestinal diseases - diet rules, preparation for endoscopic and imaging examinations. Management of gastrointestinal bleeding, diarrhea,		1

constipation.	
The principles of monitoring and balancing water-electrolyte balance disorders.	1
Care of patients with heart rhythm disturbances. Interpretation of basic disturbances in ECG recordings.	2
Clinical symptoms, diagnosis and treatment of respiratory system diseases (bronchial asthma, COPD, pneumonia, lung cancer). Prevention of respiratory diseases.	1
Care of the patient with osteoarticular and muscular disease.	1
The most common bleeding disorders (thrombocytopenia, hemophilia, overdose of oral anticoagulants). Principles of treatment with unfractionated heparin and low molecular weight heparins. Intravascular coagulation syndrome.	1
20.4. Practical Classes	110
Models of nursing care, standards, procedures and algorithms in the department of internal medicine. Nursing process as a method of work in the department of internal diseases. Prevention of infections in the hospital. Professional secrecy. General rules of communication between a nurse and a patient.	11
Nursing a patient with diseases of the cardiovascular system (coronary artery disease - stable and unstable, heart failure). Nurse participation in the diagnosis of cardiovascular diseases. Care after coronarography. Rehabilitation in internal diseases. Models of rehabilitation after myocardial infarction. Therapeutic education in cardiovascular diseases. Principles of correct blood pressure measurement and interpretation of values. Procedure of resting ECG.	11
Nursing problems of patients and nursing interventions in respiratory system diseases. Nurse participation in the diagnosis and treatment of respiratory system diseases. Preparation for diagnostic tests i.e. spirometry, bronchoscopy, pleural puncture. The principles of education of patients with respiratory system diseases (bronchial asthma, COPD).	11
The nursing care of the patient with diseases of the gastrointestinal tract. The nurse's participation in the diagnostics of the alimentary canal disorders. Nursing problems and nursing interventions in diseases of the gastrointestinal tract- stomach, intestines, liver, pancreas. Assessment of nutrition status. Methods of nutrition - tube feeding, parenteral nutrition, indications, types of preparations, monitoring. Prevention of diseases of the digestive system	11
Nursing a patient in diseases of the urinary and renal systems. The most common nursing problems in diseases of the urinary system and ways to solve them. Urinary incontinence- problems of care and rehabilitation. The tasks of the nurse in pharmacological and dietary treatment of kidney and urinary tract diseases. Management of renal colic attacks. Factors predisposing to urinary tract infections- prevention.	11
Nursing the patient in haematological diseases. The nurse's participation in diagnosing haematological diseases. Iron deficiency anemia - nursing process. Nursing of a patient undergoing radio- or chemotherapy. Principles of cytostatic drug administration. Basic principles of radiological protection. Nursing problems in acute and chronic leukemia and hemorrhagic diathesis.	11
Nursing process of a patient with thyroid, parathyroid and adrenal glands diseases. Educational guidelines for patients with endocrine system disorders.	11
Nursing of patients with diabetes mellitus. Principles of diabetic patients education, elements of self-control. The most common nursing problems occurring in diabetic patients. Prevention of acute and chronic complications of diabetes. Dietary treatment, use of carbohydrate exchangers and glycemic index. Insulin therapy- types of insulins, dose selection and rules of insulin administration.	11
Recognizing nursing problems and planning nursing interventions in diseases of the	11

skeletal and muscular system. The nurse's participation in the process of improvement and pharmacological and non-pharmacological treatment of patients with locomotor dysfunction.	
Connective tissue diseases - symptoms, recognition and treatment. Nursing patients with rheumatoid arthritis, systemic lupus erythematosus and gout. Educational guidelines for patients with connective tissue disorders.	11
20.5. Medical Simulations	10
Caring for the patient in selected chronic metabolic diseases	10
20.6. Self-study	30
20.7. Professional Practice	160
24. Readings	
1. Talarska D. (red.): Pielęgniarstwo internistyczne. Podręcznik dla studentów medycznych. Warszawa PZWL 2019. 2. Szewieczek J.(red.). Ćwiczenia z chorób wewnętrznych i pielęgniarstwa internistycznego. Wydawnictwo SUM, wersja elektroniczna, 2009. 3. Jurkowska G., Łagoda K. Pielęgniarstwo internistyczne. Podręcznik dla studentów medycznych. Warszawa PZWL 2019. 4. Daniluk J. (red): Zarys chorób wewnętrznych dla studentów pielęgniarstwa. Wydawnictwo Czelej 2005 5. Duława J (red): Vademecum medycyny wewnętrznej. PZWL 2015 6. Kokot F. (red.): Choroby wewnętrzne. Wydawnictwo Lekarskie PZWL Warszawa 2010 Gajewski P., Szczeklik A. (red.). : Interna Szczeklika. Podręcznik chorób wewnętrznych. Wyd. MP. Kraków 2020	
25. Detail evaluation criteria	
<p>In accordance with the recommendations of the inspection bodies.</p> <p>Completion of the course – student has achieved the assumed learning outcomes.</p> <p>Detail criteria for completion and evaluation of the course are specified in the course regulations.</p>	