

**AMENDMENTS AND CHANGES TO THE CURRICULUM  
IN THE EDUCATIONAL DISCIPLINE «Internal Diseases»  
for the specialty 1-79 01 01 “General Medicine”**

2023/2024 academic year

Amendments and changes	Basis/Reason
1. Changes have been made to the thematic plan according to Appendix №.1	Department meeting of 02.06.2023 № 11
2. The list of practical skills has been updated according to Appendix №.2	Department meeting of 02.06.2023 № 11
3. The list of literature recommended for 2023-2024 academic year has been updated (Appendix №3)	Department meeting of 02.06.2023 № 11
4. The content of the topic «Infective endocarditis» has been updated and the following information has been added: Ensuring epidemiological safety in the provision of medical care	Письмо Министерства здравоохранения Республики Беларусь № 4-38/7173 от 06.04.2023 «О выполнении плана мероприятий»
5. The content of the topic « Infective endocarditis» has been updated and the following information has been added: Antibiotic therapy in case of infective endocarditis	Письмо Министерства здравоохранения Республики Беларусь № 4-38/7922 от 15.04.2023

<p>6. The content of the topic «Arrhythmias and heart blocks » has been updated and the following information has been added: Provision of emergency medical care in case of arrhythmias and heart blocks</p>	<p>Письмо Министерства здравоохранения Республики Беларусь № 4-38/7922 от 15.04.2023</p>
<p>7. The content of the topic «Circulatory insufficiency (syncope, collapse, acute and chronic heart failure)» has been updated and the following information has been added: Provision of emergency medical care in case of Circulatory insufficiency (syncope, collapse, acute and chronic heart failure)</p>	<p>Письмо Министерства здравоохранения Республики Беларусь № 4-38/7922 от 15.04.2023</p>

The curriculum is revised and approved at the department meeting  
Department of Cardiology and Internal Diseases (protocol # 11 of 02.06.2023)

Head of the Department  
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# APPROVED

Dean of the Medical Faculty  
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O.S. Ishutin



## THEMATIC PLAN

Section (topic) name	Number of class hours	
	lectures	practical (laboratory)
<b>Semester 7</b>		
<b>2. Respiratory system diseases</b>		
2.1. Acute and chronic bronchitis. Chronic obstructive pulmonary disease.	2	6
2.2. Pneumonia. Pleural effusion.	2	6
2.3. Asthma	2	6
2.4. Suppurative lung diseases. Bronchiectasis.	-	6
2.5. Pulmonary embolism. Pulmonary hypertension, pulmonary heart disease	-	6
<b>3. Circulatory system diseases</b>		
3.1. Hypertension. Secondary hypertension	2	6
3.2. Atherosclerosis. Coronary heart disease. Angina pectoris.	2	6
3.3. Acute coronary syndrome. Myocardial infarction	2	6
<b>Total</b>	<b>12</b>	<b>48</b>
<b>Semester 8</b>		
<b>4. Digestive system diseases</b>		
4.1.- 4.2. Gastroesophageal reflux disease/ Functional gastric dispepsia Chronic gastritis. Gastroduodenal ulcers.	2	6
4.3. Enteropathy. Diseases of large intestine. Irritable bowel syndrome.	2	6
4.4. Functional biliary disorders. Chronic pancreatitis.		6
4.5. Chronic hepatitis. Metabolic liver diseases. Functional hyperbilirubinemia.	2	6
4.6. Cirrhosis of the liver. Inherited liver diseases.	2	6
<b>6. Kidney and urinary tract diseases</b>		
6.1. Acute and chronic glomerulonephritis.	2	6
6.2. Urinary tract infection. Tubulointerstitial kidney disease.	2	6
6.3. Nephrotic syndrome. Renal amyloidosis. Chronic kidney disease and chronic renal failure.	2	6
<b>Total</b>	<b>14</b>	<b>48</b>
<b>Semester 9</b>		
<b>3. Circulatory system diseases</b>		
3.4.-3.5. Myocarditis. Cardiomyopathy. Pericarditis	2	6

3.6. Infective endocarditis	2	5
3.7. Arrhythmias and heart blocks	2	10
3.8. Circulatory insufficiency (syncope, collapse, acute and chronic heart failure)	2	12
<b>5. Musculoskeletal system and connective tissue diseases</b>		
5.1. Acute rheumatic fever. Chronic rheumatic heart disease.	2	6
5.2. Acquired valvular heart disease. Mitral valve prolapse.	-	6
<b>7. Blood diseases</b>		
7.1. Anemias.	2	-
<b>Total</b>	<b>12</b>	<b>45</b>
<b>Semester 10</b>		
<b>5. Musculoskeletal system and connective tissue diseases</b>		
5.3.-5.4. Joint diseases. Rheumatoid arthritis Osteoarthritis. Gout.	3	6
5.5. Systemic lupus erythematosus. Systemic sclerosis. Dermatomyositis/polymyositis.	3	6
5.6. Systemic vasculitis.	2	6
<b>7. Blood diseases</b>		
7.1.-7.2. Anemias. Hemorrhagic diathesis.	-	6
7.3.-7.4. Hemoblastosis. Acute leukemia. Agranulocytosis. Chronic leukemia.	2	6
7.5. Polycythemia. Multiple myeloma	-	5
<b>Total</b>	<b>8</b>	<b>35</b>
<b>Итого</b>	<b>46</b>	<b>176</b>



## List of practical skills

1. Registration of an electrocardiogram with subsequent analysis, recognition of rhythm and conduction disturbances, acute ischemic changes on an electrocardiogram.
2. Providing medical care to a patient with fainting, collapse.
3. Assessment of the level of consciousness, indicators of the respiratory and circulatory systems.
4. Diagnosis of hypertensive crisis
5. Providing medical care for uncomplicated hypertensive crisis.
6. Diagnosis of acute coronary syndrome.
7. Providing medical care to a patient with acute coronary syndrome
8. Providing medical care to a patient with angina attack with angina pectoris
9. Providing medical care to a patient with an attack of bronchial asthma
10. Formation of the examination algorithm for diseases of the respiratory system, circulatory system, urinary system, musculoskeletal system, anemic and hemorrhagic syndrome.
11. Interpretation of the results of laboratory and instrumental tests in diseases of the respiratory system, circulatory system, urinary system, musculoskeletal system, in diseases of the blood system.
12. Writing out a prescription

List of academic discipline literature recommended for  
Educational discipline «**Internal Diseases**»  
for the specialty 1-79 01 01 «General Medicine»

2023-2024 academic year

**Basic:**

1. Harrison's principles of internal medicine. Vol. 1 / ed. by D. L. Longo, D. L. Kasper, J. L. Jameson [et. al]. - 20th ed. - New York [etc.] : McGrawHill Medical, 2018. - 1796, [158] p. : ill. - Index: p. i1-i158. - Принципы внутренней медицины по Харрисону.

2. Harrison's principles of internal medicine. Vol. 2 / ed. by D. L. Longo, D. L. Kasper, J. L. Jameson [et. al]. - 20th ed. - New York [etc.] : McGrawHill Medical, 2018. - 3610, [158] p. : ill. + 1 электрон. опт. диск (DVD-ROM). - Index: p. i1-i158. - Принципы внутренней медицины по Харрисону.

**Additional:**

3. Клиническая электрокардиография : пособие для студентов учреждений высшего образования, обуч. по спец 1-79 01 01 «Лечебное дело» = Clinical electrocardiography : manual for students of higher education institutions studying in the specialty 1-79 01 01 «Medical business»/ – Гродно : ГрГМУ, 2019. – 200 с.

4. Family medicine : textbook. In 3 books. Book 2. Symptoms and Syndromes in Clinical Course of Internal Diseases / L. S. Babinets, O. M. Barna, S. V. Biletskyi [и др.] ; ed. by O. M. Hyrina, L. M. Pasiyeshvili. – Kyiv : AUS Medicine Publishing, 2018. – 376 p.

5. Family medicine : textbook. In 3 books. Book 3. Special part. Multidisciplinary general medical practice / Babinets, Liliia Stepanivna, Bezditko, Pavlo Andriiovych, Bondar, Serhii Anatoliiovych [и др.] ; ed. by O. M. Hyrina, L. M. Pasiyeshvili, L. S. Babinets. – Kyiv : AUS Medicine Publishing, 2020. – 615 p., [14] p. colour insert : ill., tabl. – Ann.: p. 610-615. – References in text. – Семейная медицина.

6. Internal medicine : textbook for English-speaking students of higher medical educational esablishment. P. 1 : Cardiology. Rheumatology. Hematology / ed. by M. A. Stanislavchuk, V. K. Sierkova. - Vinnytsya : Nova Knyha, 2019. - 407 [2] p. : ill. - References : p. 404-407. - Медицина внутренних органов. Ч. 1. Кардиология. Ревматология. Гематология.

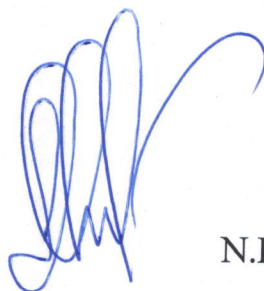
7. Internal medicine : textbook for English-speaking students of higher medical educational esablishment. P. 2 : Pulmonology. Gastroenterology. Nephrology. Diseases of the internal organs in countries with hot climate / ed. by M. A. Stanislavchuk, V. K. Sierkova. - Vinnytsya : Nova Knyha, 2019. - 359 [2] p. : ill. - References : p. 356-359. - Медицина внутренних органов. Ч. 2. Пульмонология. Гастроэнтерология. Нефрология. Болезни внутренних органов в странах с горячим климатом.

8. Internal medicine: critical care : textbook / Babak, O. Ya. [и др.] ; ed. by. O.Ya. Babak, O. M. Bilovol. - Kyiv : AUS Medicine Publishing, 2018. - 368 p. - Внутренние болезни: неотложные состояния : учебник.



9. Алексеева Е.С. Нефротический синдром в амбулаторной практике = Nephrotic syndrome in outpatient practice : учеб.-метод. пособие / Алексеева, Елена Сергеевна, Дрощенко, Виталий Владимирович, Яковлева, Елена Викторовна ; Белорус. гос. мед. ун-т, Каф. поликлин. терапии. – Минск : БГМУ, 2019. – 26 с.
10. Герасименок Д.С. Использование симуляционной технологии в неотложной медицине: сердечно-легочная реанимация = Medical simulation in emergency medicine: CPR training : учеб.-метод. пособие / Герасименок, Дмитрий Станиславович ; Белорус. гос. мед. ун-т, Каф. кардиологии и внутрен. болезней. – Минск : БГМУ, 2020. – 22 с.
11. Основы электрокардиографии = Basics of electrocardiogram : практикум / Доценко, Эдуард Анатольевич, Шолкова, Мария Владимировна, Антонович, Мария Николаевна [и др.] ; Белорус. гос. мед. ун-т, Каф. пропедевтики внутр. болезней. – 2-е изд. – Минск : БГМУ, 2020. – 96 с.
12. Паторская, О. А. Написание медицинской карты стационарного пациента = Methodological recommendations for case history : учеб.-метод. пособие – Минск : БГМУ, 2023. – 27 с.
13. Сиденко В.М. Гастродуоденальные язвы = Peptic ulcer disease : учеб.-метод. пособие. – минск : БГМУ, 2019. – 24 с. ( 4 леч)
14. Малаева Е.Г. Гастроэнтерология = Gastroenterology : учеб. пособие для иностр. студентов учреждений высш. образования по мед. спец. / Малаева, Екатерина Геннадьевна ; Гомел. гос. мед. ун-т, Каф. внутр. болезней № 1 с курсом эндокринологии. – Гомель : ГомГМУ, 2017. – 124 с.

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