

EDUCATIONAL PROGRAM FOR OUTPATIENT THERAPY
FOR 6TH YEAR FOREIGN STUDENTS
QUESTIONS AND LITERATURE ON THE TOPIC

Basic literature:

1. Internal diseases: teaching medium for the medical faculty for international students and candidate for a master degree (in english language) / МЗ РБ, УО "Гродненский гос. мед. ун-т", [1-я каф. внутренних болезней]; [В. М. Пырочкин и др.]; под ред. В. М. Пырочкина. - Гродно: ГрГМУ, 2016.

2. Clinical electrocardiography: recommended by the medical school in higher medical and pharmaceutical education as a guide for students of higher education institutions, students in the specialty 1-79 01 01 "General Medicine" / МЗ РБ, УО "Гродненский гос. мед. ун-т", [1-я каф. внутренних болезней]; [авторы: В. М. Пырочкин, Ю. И. Карпович, А. В. Пырочкин, Е. В. Мирончик]. - Гродно: ГрГМУ, 2019. - 199с.

Additional literature:

3. Lilly, Leonard S. Braunwald's Heart Disease: review and assessment /Leonard S. Lilly, 2012. - 312p.

4. Diagnostics and treatment of internal diseases in an outpatient department: handbook for 5th and 6th year students of the Medical Faculty for International students / МЗ РБ, УО "Гродненский гос. мед. ун-т", Кафедра общей врачебной практики и поликлинической терапии; [Е. Н. Кежун, Н. С. Слободская, Д. Ю. Пицко, К. В. Гончар]. - Гродно: ГрГМУ, 2018. - 199с.

5. Harrison's Manual of Medicine / editors: Dan L. Longo [et al.], 2013. - XVII, 1550 p.

6. Pharmacotherapy: handbook / Barbara G. Wells [et al.], 2011. - XI, 1164p.

Class times - 8.00-14.00

Time	Theme, method	Content	Materials
8.00-9.30	Students survey	Analysis of material of theme, familiarization with the regulation documents	Basic forms of medical documents (ambulatory card, health certificate, recipes), regulation documents, sheet of disability, certificate of disability
9.30-9.45	Break		
9.45-10.00	Introduction to structural units of the polyclinic		
10.00-11.15	Independent work of students	Work in a doctor's office	Directly involved
11.15-11.30	Break		

11.30-13.00	Students survey	Analysis of clinical cases that were seen by doctors Differential diagnosis	Evaluation of the results of patient examination in ambulatory card Analysis of treatment in ambulatorycard
13.00-13.15	Break		
13.15-14.00	Securing of material “What’s new I’ve learned today”		

Lesson 1: Respiratory diseases in outpatient therapeutic practice.

Questions on the topic:

1. Cough, dispnoe, bronchial obstruction in outpatient therapeutic practice. The main diseases and the differential diagnosis.
2. Differential diagnosis and individual complex therapy of patients with acute respiratory infections.
3. Differential diagnosis and individual complex therapy of patients with acute tonsillitis.
4. Differential diagnosis, clinical criteria of severity, SaO₂, BP, HR, T, laboratorial and X-ray, indications for hospitalization. Individual complex therapy of patients with pneumonia.
5. Covid-19: clinical picture, diagnosis, treatment.
6. Differential diagnosis and individual complex therapy of patients with acute bronchitis, chronic bronchitis and chronic obstructive pulmonary disease.
7. Classification, diagnostics and individual complex therapy of patients with bronchial asthma.
8. Rehabilitation of patients with asthma, chronic bronchitis, chronic obstructive pulmonary disease in an outpatient setting.
9. Prevention recommendations for patients of acute and chronic respiratory diseases.
10. Emergency medical care in the prehospital phase: in attack of bronchial asthma, and developing status asthmaticus.

Additional literature:

1. Электронный ресурс ВОЗ https://www.who.int/docs/default-source/coronaviruse/who-rights-roles-respon-hw-covid-19.pdf?sfvrsn=bcabd401_0
2. Электронный ресурс европейского респираторного общества <https://www.ersnet.org/covid-19-guidelines-and-recommendations-directory>
3. Wordwide <https://covid-nma.com/recommendations/>

Lesson 2: Disorders of the cardiovascular system in the outpatient therapy.

Questions on the topic:

1. Main diseases accompanied by chest pain simulating cardiac, differential diagnosis.
2. Main diseases, accompanied by edema, differential diagnosis.
3. Hypertension (primary, secondary), differential diagnosis and individual complex therapy of patients.
4. Outpatient diagnostics and individual complex therapy of patients with ischemic heart disease, indications for hospitalization. Rehabilitation of patients with ischemic heart disease.
5. Differential diagnosis and individual complex therapy of patients with inflammatory diseases of the heart: myocarditis, pericarditis, endocarditis, acute rheumatic fever. Medical tactic and indications for hospitalization. Rehabilitation of patients with noncoronary heart disease.
6. Differential diagnosis and individual complex therapy of patients with myocardial dystrophy, cardiomyopathy.

7. Prevention (primary, secondary) recommendations for patients with cardiovascular disease.
8. Emergency medical care in the prehospital phase: in case of hypertensive crisis.
9. Emergency medical care in the prehospital phase: anginal attack and acute coronary syndrome.
10. Emergency medical care in the prehospital phase: cardiac asthma and pulmonary edema.
11. Emergency medical care in the prehospital phase: cardiogenic shock.
12. Emergency medical care in the prehospital phase: paroxysmal arrhythmias (supraventricular and ventricular tachycardia, atrial fibrillation), attack of Adams-Stokes disease

Lesson 3: Diseases of the digestive system in the outpatient therapeutic practice

Questions on the topic:

1. Abdominal pain and dyspeptic syndrome: causes, major diseases, differential diagnosis.
2. Jaundice: etiology, classification, major diseases, differential diagnosis.
3. Outpatient diagnostics and individual complex therapy of patients with diseases of the digestive system: gastroesophageal reflux disease, functional dyspepsia, chronic gastritis, peptic ulcer disease, enteropathy,
4. Differential diagnostics and individual complex therapy of patients with irritable bowel syndrome, colitis. Medical tactic, indications for hospitalization.
5. Differential diagnostics and individual complex therapy of patients with chronic cholecystitis, gallbladder dysfunction, Oddi's sphincter dysfunction. Medical tactic, indications for hospitalization.
6. Differential diagnostics and individual complex therapy of patients with chronic hepatitis, liver cirrhosis, chronic pancreatitis. Medical tactic, indications for hospitalization.
7. Prevention (primary, secondary) recommendations for patients with diseases of the digestive system.
8. Emergency medical care in the prehospital phase: gastro-intestinal bleeding.
9. Emergency medical care in the prehospital phase: syndrome of acute abdominal pain; hepatic colic.

Lesson 4: Kidney disease in the outpatient therapeutic practice.

Questions on the topic:

1. Urinary syndrome: clinical interpretation of changes in the urine analysis, and the main causes of the disease, differential diagnosis.
2. Chronic kidney disease, chronic renal failure: definition of the concepts, criteria, classification, main causes, differential diagnosis. Medical tactic, indications for hospitalization.
3. Outpatient diagnostics and individual comprehensive therapy patients with chronic pyelonephritis, indications for hospitalization.
4. Outpatient diagnostics and individual comprehensive therapy patients with chronic glomerulonephritis. Medical tactic, indications for hospitalization.
5. Prevention (primary, secondary) recommendations for patients with kidney disease.
6. Emergency medical care in the prehospital phase: renal colic.