The name of Unit in which the subject is realized  
Department of Endocrinology, Metabolic Diseases and Internal Diseases  
Head  
Anhelli Syrenicz PhD, Dsc  
Professor  
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Faculty of Medicine:  
Year: III Semester: V/VI  
Total hours: 75 hrs include:  
15 hrs of seminars  60 hrs classes  
Year: IV Semester: VII/VIII  
Total hours: 54 hrs include:  
14 hrs of seminars  42 hrs classes

Faculty of Medicine with the Division of Dentistry:  
Year IV Semester VIII (Inner diseases)  
Total hours: 60 hrs include:  
30 hrs of seminars  30 hrs classes

FORMS OF ACTIVITIES  
PROPADEUTICS OF INNER DISEASES  
The goal of the course is to teach the skill of medical examination: how to make contact with the patient, assess the patient's general condition, collect medical history and analyze the patient's complaints. Students should learn the technique of physical examination and the skill of drawing conclusions from the examination. The classes take place at the Clinic Of Endocrinology, Metabolic Diseases And Internal Diseases of the Pomeranian Medical University in Szczecin. Attendance at the classes and seminars is obligatory. During classes, students should present with the necessary theoretical and practical knowledge as well as the skills covered by the topic of the training. This will be checked on a regular basis by the teacher. The students' comments and proposals concerning the form of the classes will be considered. Credit for the classes: a single-choice written test  
I attempt: a test consisting of 50 questions. 60% of correct answers is required to pass.  
II attempt: (repeat) a test consisting of 50 questions. 60% of correct answers is required to pass.  
III attempt: (repeat) oral exam

TOPICS OF SEMINARS AND CLASSES  
SEMESTER V  
1. Introduction to clinical medicine. Medical interview. The chosen aspects of a medical interview, the conduct of a medical interview and analysis of patient's complaints. Communication with the patient. Symptom characteristics.  
Class 1. Regulations concerning the Clinic and the classes. Introduction to medical interview.

Class 2. Medical interview. Conducting the interview with the patient.

4. General examination – part 2. The significance of the evaluation of skin and skin appendages, causes of lymph node enlargement - physiopathology and diagnostic conclusions. **Class 4.** Medical interview and physical examination. Examination of skin, skin appendages and lymph nodes.

5. Examination of the head. Pathological findings during the examination of the head, visual organ, hearing organ, oral cavity and nose. Their diagnostic significance. **Class 5.** Medical interview and physical examination. Examination of the head, sensory organs and oral cavity.

6. The neck – a physical examination. Abnormal findings during the examination of the neck and their diagnostic significance. **Class 6.** Medical interview and physical examination. Examination of the head and neck organs.

7. The respiratory system – part 1. Elements of the respiratory system examination. Abnormal findings during the respiratory system examination. **Class 7.** Medical interview and physical examination. Respiratory system examination.

8. The respiratory system – part 2. The respiratory system – differentiating abnormal findings during physical examination. Methods of respiratory system efficiency assessment. **Class 8.** Medical interview and physical examination. Respiratory system examination.


11. The cardiovascular system – part 3. The cardiovascular system examination. Acquired heart diseases. Abnormal findings during the examination of peripheral arteries, vascular and lymphatic system. Their clinical significance. **Class 11.** Medical interview and physical examination. Examination of thoracic organs and peripheral vessels.

12. The cardiovascular system – part 4. The heart as an organ. The principles of drawing conclusions from the physical examination of the heart. **Class 12.** Medical interview and physical examination. Examination of thoracic organs, peripheral vessels and muscular system.

13. The gastrointestinal tract. The examination of the abdominal cavity. Conclusions from visual examination, auscultation, percussion and palpation of the abdominal cavity. **Class 13.** Medical interview and physical examination. Examination of the abdominal cavity organs.
14. The urinary tract. The symptomatology of urinary tract diseases and abnormal findings during physical examination.
   **Class 14.** Medical interview and physical examination. Examination of the abdominal cavity organs.

15. The endocrine system. The symptomatology of endocrine diseases and abnormal findings during physical examination.
   **Class 15.** Practical test: the ability to independently conduct medical interview and physical examination.

SEMESTER VI

1. Diseases of the Respiratory System. Part I
   **Class 1.** Medical interview and physical examination. Symptomatology of respiratory system diseases. Interpretation of diagnostic and laboratory tests.

2. Diseases of the Respiratory System. Part II
   **Class 2.** Medical interview and physical examination. Symptomatology of respiratory system diseases. Interpretation of diagnostic and laboratory tests.

3. Diseases of the Respiratory System. Part III
   **Class 3.** Medical interview and physical examination. Symptomatology of respiratory system diseases. Interpretation of diagnostic and laboratory tests.

4. Diseases of the Cardiovascular System. Part I
   **Class 4.** Medical interview and physical examination. Symptomatology of cardiovascular system diseases. Interpretation of diagnostic and laboratory tests.

5. Diseases of the Cardiovascular System. Part II
   Valvular Heart Disease. Congenital heart defects - types, symptoms, treatment, clinical significance.
   **Class 5.** Medical interview and physical examination. Symptomatology of cardiovascular system diseases. Interpretation of diagnostic and laboratory tests.

6. Diseases of the Cardiovascular System. Part III
   Valvular Heart Disease. Acquired heart diseases - types, symptoms, treatment, clinical significance.
   **Class 6.** Medical interview and physical examination. Symptomatology of cardiovascular system diseases. Interpretation of diagnostic and laboratory tests.

7. Electrocardiography Part I: basic principles. What is electrocardiogram, methods of testing, interpretation.
   **Class 7.** Medical interview and physical examination. Disease symptomatology. ECG performance and interpretation.
Class 8. Medical interview and physical examination. Disease symptomatology. ECG interpretation.

9. Diseases of the Cardiovascular System. Part IV
Ischemic Heart Disease (IHD). Acute and chronic cardiac failure.
Class 9. Medical interview and physical examination. Disease symptomatology. ECG interpretation.

10. Electrocardiography Part III:
Class 10. Medical interview and physical examination. Disease symptomatology. ECG interpretation.

11. Diseases of the Cardiovascular System. Part V
Arterial Hypertension: Essential Hypertension, Secondary Hypertension – types, symptoms, diagnostics, treatment.
ECG: electrocardiographic features of atrial and ventricular hypertrophy.
Class 11. Medical interview and physical examination. Disease symptomatology. ECG interpretation.

Diseases of the Esophagus, Stomach, Duodenum, Small and Large Intestine (Esophagitis; Esophageal tumors; Hiatus Hernia; Peptic ulcer disease; Gastritis; Ulcerative Colitis; Crohn disease; Tumors of the Large Intestine). Diagnostics, clinical symptoms and treatment.
Class 12. Medical interview and physical examination. Symptomatology of alimentary tract diseases.


15. Diseases of Connective Tissues, Joints and Bones: general consideration.
Class 15. The ability to independently conduct medical interview and physical examination. ECG interpretation.

Recommended literature:
- Mark Swartz, Textbook of Physical Diagnosis. History and Examination
- Davidson's, Principles and Practice of Medicine
- Lynn Bickley, Guide to Physical Examination and History Taking
- John Hampton, The ECG made easy.
- Malcom S. Thaler, The only EKG book. You'll EVER Need
THE TOPICS OF SEMINARS AND CLASSES ON INNER DISEASES SEMESTER VIII

1. Diseases of the Respiratory System.

2. Diseases of the Respiratory System. Selected issues concerning the respiratory system diseases.


5. Diseases of the Cardiovascular System. Selected issues concerning the cardiovascular system diseases.
   Valvular Heart Disease. Congenital heart defects - symptoms, treatment, clinical significance. Local anesthetics in heart diseases.

6. Diseases of the Cardiovascular System. Selected issues concerning the cardiovascular system diseases.
   Valvular Heart Disease. Acquired heart diseases- symptoms, treatment, clinical significance.

7. Electrocardiography Part I: basic principles. What is electrocardiogram, methods of testing, interpretation.


   Ischemic Heart Disease (IHD). Acute and chronic cardiac failure.

10. Electrocardiography Part III:


Classes 1 - 15. Medical interview and physical examination of patients. Interpretation of diagnostic and laboratory tests. Communication with the patient. Symptom characteristics.

Recommended literature:
- Mark Swartz, Textbook of Physical Diagnosis. History and Examination
- Bates, Guide to Physical Examination and History Talking
- Davidson’s, Principles and Practice of Medicine
- Lynn Bickley, Guide to Physical Examination and History Taking
- John Hampton, The ECG made easy.
- Malcom S. Thaler, The only EKG book. You'll EVER Need
The goal of the course is to teach practical endocrinology - the ability to diagnose and treat major endocrine diseases as well as diabetes and to make the student familiar with the state-of-the-art diagnostic possibilities in endocrinology and diabetology. Due to the fast development of both fields, the students must only be taught theoretical principles but the pathophysiological issues must be continuously updated. The classes take place at the Clinic of Endocrinology, Metabolic Diseases and Internal Diseases of the Pomeranian Medical University in Szczecin at the time and in groups as determined by the Pomeranian Medical University Deanery. Attendance at the classes and seminars is obligatory. Students are allowed one absence per semester. During classes, students should present with the necessary theoretical and practical knowledge as well as the skills covered by the topic of the classes. This will be checked on a regular basis by the teacher. Credit for the classes:
I attempt: a test consisting of 10 descriptive questions
II attempt: (repeat ) a test consisting of 10 descriptive questions
III attempt: (repeat): oral exam.

THE TOPICS OF SEMINARS AND CLASSES

   Class 1. Medical interview and physical examination of patients. Analysis of the diagnostic and hormonal tests.

   Class 2: Medical interview and physical examination of patients. Interpretation of diagnostic tests, brain NMR and pituitary gland NMR.

   Class 3: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.

   Class 4: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests. USG of the thyroid gland.

5. Thyroiditis. Definition of thyroiditis (acute, subacute, autoimmune and Riedel’s goitre). The clinical picture and treatment of acute and subacute thyroiditis.
Class 5: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.


Class 6: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.


Class 7: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests. USG of abdominal cavity. CT of adrenal glands.


Class 8: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.


Class 9: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.


Class 10: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.


Class 11: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.


Class 12: Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.

**Class 13:** Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.


**Class 14:** Medical interview and physical examination of patients. Interpretation of hormonal and diagnostic tests.

**Recommended literature:**
1. Davidson’s, Principles and Practice of Medicine

2. „Endocrinology in a daily medical practice” Ed. Anhelli Syrenicz. Publisher Pomeranian Medical University Szczecin 2011.