**INTERNAL MEDICINE - ED**

**WL, academic year 2023/2024; 3rd study year**

**Organization of the study in Semester V ( winter):**

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| --- | --- | --- | --- |
| **3rd study year; academic year 2023/2024 (semester V)** | lectures | seminars | classes |
| **Internal medicine**  | **10** | **10** | **40** |

**Initials of Professors:**

**prof. E. Bandurska-Stankiewicz – EBS**; Clinic of Endocrinology, Diabetology and Internal Medicine Voivodeship Hospital - Wojewódzki Szpital Specjalistyczny, ul. Żołnierska 18, 10-561 Olsztyn, 3rd floor

**prof. dr hab. n. med. A. Doboszyńska, prof. UWM – AD**; Department of Pulmonology , Pulmonology Hospital - Internal Medicine - Warmińsko-Mazurskie Centrum Chorób Płuc - Jagiellońska Street 78 **dr hab. n. med. L. Gromadziński, prof. UWM – LG**; II Department of Cardiology and Internal Medicine University Hospital, Warszawska 30, 10-089 Olsztyn , I floor

**dr hab. n. med. Magdalena Krajewska-Włodarczyk MD, PhD- MKW** Municipal Hospital – Szpital Miejski Wojska Polskiego 30 Street

**dr n. med. T. Arłukowicz – TA;** Department of Internal Medicine Voivodeship Hospital - Wojewódzki Szpital Specjalistyczny, ul. Żołnierska 18, 10-561 Olsztyn

Number of seminar groups – **2**, in classes – **6**

**Organization of the study in Semester V:**

**Lectures**: **all Students**

|  |  |  |
| --- | --- | --- |
| date (number of hours) | Lecturer  | Subject |
| **16.10.23 godz. 13.45-15.15****CSM Lecture Hall** | TS (2h) | Consciousness disorders; Edema. Jaundice and other skin color disorders; History taking and physical assessment in ascites. Differential diagnosis of ascites |
| **20.11.23 godz. 13.15-14.45****WSS room 3** | TS (2h) | Enlargement of lymph nodes, liver and spleen (lymphadenopathies, hepatomegaly, splenomegaly); Arterial hypertension and Hypotension. Signs and symptoms of life threatening conditions; Fever |
| **27.11.23 godz. 13.15-14.45****WSS room 3** | TS (2h) | Signs, symptoms, laboratory findings and clinical diagnosis: theory and practice; Methods of clinical examination  |
| **10.10.23 godz. 15.00-16.30****CSM 100D** | AD (2h) | Dyspnoea.Cough and hemoptysis |
| **04.12.23 godz. 13.00-14.30****CSM 100D** | EBS (2h) | Pain as a disease alarm; Thirst. Weight changes (underweight, overweight) |

**Location and organization:**

classes - 4 hours: 9.00 – 12.00 (if with 2x15 min break)

**Seminars and Classes - Rotation Table**

|  |  |
| --- | --- |
| **semester V**  | **working days:** |
| **LG** | **Grupa 1b****20, 21, 22, 23, 24, 27, 28, 29, 30.11; 01.12.23** |
| **Grupa 2a,****3, 4, 5, 6, 9, 10, 11, 12, 13, 16.10.23** |
| **Grupa 3b** **4, 5, 6, 7, 8, 11, 12, 13, 14.12.23 godz. 8.45-12.30** |
| **Grupa 3a,** **6, 7, 8, 9, 10, 13, 14, 15, 16, 17.11.23** |
| **AD** | **Grupa 1a****3, 4, 5, 6, 9, 10, 11, 12, 13, 16.10.23** |

**Seminars:**

**Sem. group 1: (AD)** 1a,1b,2a,2b - 03.10.23 h. 13.00-14.30 Warmińsko-Mazurskie Centrum Chorób Płuc Jagiellońska Street 78 - multimedia room; 06.10.23 h. 18:45 - 20:15 CSM Lecture Hall; 06.10.23 h. 18:00 -19:30 CSM 100D; 10.10.23 h. 16:45 -18:15 Behring Center 223; 12.10.23 h. 18:45 -20:15 CSM 100D

**Sem. group 2: (AD)** 3a, 3b - 20.10.23 15:15 -16:45 CSM 100 D; 27.10.23 h. 15:15 -16:45 Behring Center 107; 06.11.23 h. 13:00 -15:15, CSM 100D; 13.11.23 h. 13:00 -15:15, CSM 100D

**SEMESTER V**

**Lectures: 10 hours**

1. Consciousness disorders; Edema. Jaundice and other skin color disorders;
2. History taking and physical assessment in ascites. Differential diagnosis of ascites
3. Enlargement of lymph nodes, liver and spleen (lymphadenopathies, hepatomegaly, splenomegaly); Arterial hypertension and Hypotension.
4. Signs and symptoms of life threatening conditions; Fever
5. Thirst;
6. Cough and hemoptysis
7. Pain as a disease alarm;
8. Dyspnoea. Weight changes (underweight, overweight)
9. Signs, symptoms, laboratory findings and clinical diagnosis: theory and practice;
10. Methods of clinical examination

**Seminars: 10 hours**

1. How to communicate with patient and his family during consultation. Confidentiality, informed consent and patient’s autonomy.
2. Physical examination: inspection, percussion, auscultation and palpation. General health status assessment.
3. HT and PE of head and neck. HT and PE in pathology of skin, lymph nodes, nails, mucosa.
4. HT and PE in cardiovascular disorders. The heart. Peripheral vascular and venous system.
5. HT and PE in respiratory system
6. HT and PE in gastrointestinal system (part I).
7. HT and PE in gastrointestinal system (part II) and in renal system.
8. HT and PE in musculosceletal system. Basics of neurological examination
9. HT and PE in endocrine system. HT and PE in hematological disorders.
10. Medical records. Medical documentation

**Classes: 40 hours**

1. Communication with the patient. Verbal communication and body language. How to start? Principles of history taking (HT). HT in patients with consciousness disorders. HT from family or relatives. Asking the right questions and asking the questions right. Writing notes (how, what and when?) HT from young, adult and elderly patients. “Difficult patient” (deaf, angry or aggressive patient; different language or culture).
2. Physical examination (PE). Approaching to PE (conduct, setting). General examination [first impressions, conscious level, nutritional status (weight, height), temperature, colour, hydration, body balance, gait. Patient’s interview – practice (student as a physician).
3. HT and PE in skin, hair, nails and lymph nodes disorders. HT and PE in head and neck disorders.
4. HT and PE in cardiovascular disorders. The heart. Peripheral vascular and venous system.
5. HT and PE in respiratory system
6. HT and PE in gastrointestinal system (part I).
7. HT and PE in gastrointestinal system (part II) and in renal system.
8. HT and PE in musculosceletal system. Basics of neurological examination
9. HT and PE in endocrine system. HT and PE in hematological disorders.
10. Clinical examination.

**Basic literature:**

1. Oxford Handbook of Clinical Examination and Practical Skills. Thomas J., Monaghan T. – Editors; Oxford Unversity Press 2018
2. Macleod’s Clinical Examination. Douglas G., Nicol F., Robertson C – Editors; Churchill Livingstone – Elsevier, 2011
3. Clinical Examination. Epstein O., Perkin G.D. et.el. – Editors, Mosby – Elsevier, 2008
4. Piotr Zaborowski, Beata Moczulska, Monika Kubiak, Krzysztof Tytman, Leszek Gromadziński, Beata Januszko-Giergielewicz., *Podstawy badania klinicznego. Basic in clinical examination,* Medi Page 2016