**INTERNAL MEDICINE**

**WL, academic year 2023/2024; 5th study year**

**Semester X (summer) 2023/2024**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Lectures  | Seminars  | Bedside teaching |
| 41hours | 13 | 28 | 0 |

**Initials of Professors:**

**dr hab.n. med. M. Krajewska-Włodarczyk – MKW;** Rheumatology WardMunicipal Hospital – Szpital Miejski Al. Wojska Polskiego 30, 10-045 Olsztyn

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

**dr n. med. Janusz Hałka – JH**; Clinic Ward Hematology MSW al. Wojska Polskiego 37

**prof. dr hab. med. Andrzej Rynkiewicz - AR** (1st Clinic of Cardiology and Internal Medicine,

Miejski Szpital Zespolony Niepodległości 44 Street)

**prof. A. Doboszyńska – AD;** Department of Pulmonology and Infectiology, Warmia-Masuria Center for Lung Diseases – Warmińsko-Mazurskie Centrum Chorób Płuc Jagiellońska 78 Str., 10-357 Olsztyn

**dr hab. n. med.Jarosław Daniluk (JD)** online seminars

**seminar groups – 3**

**Lectures:** **(13h)** **All students**

all Students

|  |  |  |
| --- | --- | --- |
| Date lecture  | Lecturer  | Topic |
| **25.04.24****17.00-18.30****CSM Lecture Haal** | **AR (2h)** | Myocardial infarction. Coronary artery disease. Acquired and inherited valvular heart diseases in adults. Chronic heart failure. |
| **09.05.24****15.45-17.15****CSM Lecture Haal** | **AR (2h)** | MyocarditisPericarditis |
| **16.05.24****18.00-19.30****CSM Lecture Haal** | **AR (2h)** | Infectious endocarditis Heart rhythm disorders |
| **11.04.24****17.45-19.15****MSWiA Hospital lecture room II floor** | **JH (2h)** | Diagnosis and treatment of hematogenic malignancies.Diagnosis of anemia. Bleeding disorders. |
| **23.04.24****CSM Lecture Haal** | **MK-W (2h)** | Signs symptoms and general characteristics of rheumatoid diseases.Rheumatoid arthritis. |
| **18.04.24****16.00-18.15****CSM Lecture Haal** | **AD (3h)** | Sleep respiratory disorders.Lung cancerSigns and symptoms of respiratory system diseases.Asthma and Chronic Obstructive Pulmonary Disease.Pulmonary hypertension. |

**Seminars: (28h)**

**Group 1 (1+2)**

**AD -19.04 h 15.00-16.30 Behring Center room 307**

 **10.05,  07.06 h 15.00 - 16:30 Behring Center 306**

**JD - online seminars**

**JH – 14.05 h 17.45 – 19.15** **MSWiA Hospital lecture room II floor**

 **28.05 h 16.00-17.30** **MSWiA Hospital lecture room II floor**

**MKW – 26.02; 04.03 h. 13.00-14.30 Seminar room, Municipal Hospital, Wojska Polskiego 30 Street**

**AR – 23.02; 15.03; 05.04; h 15.00-16.30** **Behring Center room 306**

 **19.04 h 16.45-18.15** **Behring Center room 306**

**Group 2 ( 3+4)**

**AD-05.04** **h 16.45 – 18.15CSM 100D**

 **19.04** **h 16.45 – 18.15 Behring Center room 307**

 **10.05** **h 16.45 – 18.15** **Behring Center room 306**

**JD - online seminars**

**JH - 11.04 h 17.45-19.15 MSWiA Hospital lecture room II floor**

 **14.05 h 16.00-17.30** **MSWiA Hospital lecture room II floor**

**MKW – 22.04 h 13.00-14.30** **Seminar room, Municipal Hospital, Wojska Polskiego 30 Street**

 **06.05 h 12.30-14.00 Seminar room, Municipal Hospital, Wojska Polskiego 30 Street**

**AR – 23.02; 01.03; 08.03; 15.03 h 16.45-18.15 Behring Center room 306**

**Gr3 (5)**

**AD - 22.02 h 16.00-17.30 CSM 100 D**

 **05.04; 16.05 h 15.00-16.30 CSM 100 D**

**JD - online seminars**

**JH-** **16.04; 21.05 h. 16.00-17.30 MSWiA Hospital lecture room II floor**

**MKW- 26.02; 04.03 h 13.00-14.30 Seminar room, Municipal Hospital, Wojska Polskiego 30 Street**

**AR – 01.03; 08.03; 15.04; h 15.00-16.30** **Behring Center room 306**

 **19.04 h 16.45-18.15** **Behring Center room 306**

**Cardiology 8h – 4x 2h**

1.Pathophysiology of coronary artery atherosclerosis.

2. Epidemiology of coronary heart disease. Risk factors – primary and secondary prevention.

3. Clinical aspects of coronary heart disease. Diagnosis and treatment.

4. Pathophysiology of myocardial infarction (STEMI and NSTEMI).

5. Diagnostic and therapeutic algorithms in life threatening conditions in cardiology.

6.Acquired valvular heart diseases: clinical presentation.

7.Inherited valvular heart diseases in adults: clinical presentation.

8.Clinical diagnosis of chronic heart failure.

9.Infectious diseases of the heart.

10.Heart pacing – indications and techniques.

11.Syncope – differential diagnosis and algorithms

**Pulmonology 6h – 3 x 2h**

1. Pneumonia
2. Covid-19, symptoms, treatment, complications.
3. Interstitial diseases of the lungs.
4. Tuberculosis and other mycobacterial diseases.
5. Acute and chronic respiratory failure.
6. Rare diseases of respiratory system.

**Gastroenterology 6h (2 x 3h):**

1. Gastro-oesophageal reflux disease, gastritis, gastric and duodenal ulcer disease

2. Celiac disease. Bacterial overgrowth syndrome.

3. Irritable bowel syndrome. Diverticular disease of the large intestine. Intestinal ischemia

4. Bleeding from the upper and lower gastrointestinal tract

**Hematology 4h (2 x 2h):**

1. Diagnosis and treatment of thrombocytopenia.
2. Lymphomas.
3. Myelodysplastic syndromes.

**Rheumatology 4h (2 x 2h):**

1. Systemic connective tissue disorders: SLE, scleroderma, dermatomyositis, polymyalgia rheumatica.
2. Spondyloarthropathies.
3. Osteoarthritis, gout and other pathologies secondary to crystal deposition within joints and tissues.
4. Acute and life-threatening situations in rheumatoid disease. Paraneoplastic syndromes in rheumatology.

**Literature:**

1. Differential Diagnosis in Internal Medicine. Siegenthaler W., Thieme - 2011
2. Clinical medicine. Kumar & Clarks Saunders – Elsevier, 2009
3. Davidson’s Principles & Practice of Medicine. Boone N.A., Colledge N.R – Editors, Churchill Livingstone – Elsevier, 2010
4. Lee Goldman, MD and Andrew I. Schafer, MD - Goldman's Cecil Medicine. Saunders 2012