**INTERNAL MEDICINE 5/8**

**WL, academic year 2024/2025; 5th study year**

**Semester  IX (winter) 2024/2025:**

|  |  |  |  |
| --- | --- | --- | --- |
|   | Lectures | Seminars | Bedside teaching |
| 30 hours | 2 | 3 | 25 |

**Initials of Professors:**

**Dr n. med. Wojciech Matuszewski (WM)** (Clinic of Endocrinology, Diabetology and Internal Medicine Wojewódzki Szpital Specjalistyczny Żołnierska 18 Street)

**seminar groups –  2  bedside teaching groups – 5**

**Lectures:** **(2h)** all Students

|  |  |  |
| --- | --- | --- |
| Date lecture | Lecturer  | Topic |
| 11.10.2024 godz. 16:00-17:30 (2h)seminar room no. 3, Provincial Specialist Hospital (WSS w Olsztynie) | WMwinter | Epidemiology, etiopathogenesis and the classification of diabetes mellitus. |
|   |   |   |

**Seminars: 2 groups (3h)**

**with Dr n. med. Wojciech Matuszewski**

seminar room no. 3, Provincial Specialist Hospital (WSS w Olsztynie)

**Gr1 (9:45-12:00 3h):  13.11.2025**

**Gr2 (9:45-12:00 3h): 12.11.2025**

**Classes 5 groups (25h)  8:30-12.15 (5h)**

Clinic of Endocrinology, Diabetology and Internal Medicine Wojewódzki Szpital Specjalistyczny Żołnierska 18 Street

**Rotation plan between departments bedside teaching:**

|  |  |  |  |
| --- | --- | --- | --- |
|   | **Group** **1a, 1b** | **Group 2a** | **Group** **3a, 3b** |
| **WM** | 2-6.12.2024 | 26-29.11.2024-13, 16.12.2024 | 26.11.2024, 9-12.12.2024 |

**Seminars (3h):**

1. Acute and chronic complications of diabetes mellitus. (winter)

**Topics of Bedside teaching**

**Diabetology and endocrinology 25h**

**Winter:**

1. Diabetes – diagnosis; clinical features of DM.
2. Treatment of diabetes: DM1, DM2, gestational diabetes and other types.
3. Diabetic ketoacidosis, hyperglycaemic hyperosmolar state, lactic acidosis.
4. Hypoglycemia - clinical implications and treatment.
5. Diabetes treatment - pharmacological and non-pharmacological.
6. Education of a patient with diabetes (information on diabetes, nutritional treatment, exercise, self-control).
7. Oral drugs used in diabetes: biguanide and, sulphonylurea derivates, α-glucosidase inhibitors, DPP-4 inhibitors; agonists of GLP-1 receptor.
8. Metabolic assessment of patient with diabetes – criteria of metabolic control. Assessment of nutritional treatment and physical activity. Planning therapy in diabetic patients.
9. Treatment  with insulin.
10. Diabetic patient with concomitant diseases. Chronic complications of diabetes: retinopathy, nephropathy, polyneuropathy, cardiovascular complications.
11. Acute complications of diabetes: hypoglycemia, ketoacidosis and non-ketone hyperosmolar hyperglycemia.

**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*