**INTERNAL MEDICINE**

**WNM, academic year 2024/2024; 4th study year**

**Semester VII (winter) 2024/2025**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Lectures  | Seminars  | Bedside teaching |
| 32 hours | 4 | 3 | 25 |

**Initials of Professors:**

**prof. T. Stompór – TS**; Clinic of Nephrology, Hypertension and Internal Medicine Voivodeship Hospital - Wojewódzki Szpital Specjalistyczny, ul. Żołnierska 18, 10- 561 Olsztyn

**seminar groups – 3; bedside teaching groups –10**

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

**Lectures (2x2h)**

|  |  |  |
| --- | --- | --- |
| Date lecture  | Lecture  | Topic |
| **17.10.2024****15:30-17:00 (2h) sala nr 3 WSS upper hall** | TS (2h) | Primary hypertension.Secondary forms of hypertension: renal parenchymal and reno-vascular. |
| **24.10.24****17:30-19:00 (2h) sala nr 3 WSS****lower hall** | TS (2h) | Primary glomerular disease |

**Seminars and bedside teaching: in subjects (specialty) blocks**

**Group 1, 2 (3h) (TS) 21.01.2025 hour 16:00-18:15 room 3 WSS upper hall**

**Group 3: (3h) (TS) 28.01.2025 hour 15:15-17:30 room 3 WSS upper hall**

**09.00 – 13.00** (5 hours) bedside teaching in respective Departments (including two 15- minute break)

**Rotation plan between departments bedside teaching:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Group****1a** | **Group****1b** | **Group****2a** | **Group****3a** | **Group****3b** |
| **TS** | 23-29.10.24 | 02-08.10.24 | 09-15.10.24 | 16-22.10.24 | 04-08.11.24 |

**Topics of seminars**

Nephrology (3h)

1. Chronic kidney disease – part I (definition, diagnosis, monitoring, epidemiology, etiology, clinical appearance
2. Chronic kidney disease – part II (organ and system damage in chronic uremia; treatment of CKD).

**Topics of Bedside teaching**

Nephrology (25h)

1. Assessment of renal function (glomerular filtration rate [GFR], clearances, estimated GFR) and indices of renal injury. Kidney imaging in renal pathologies, the rules of nephroprotection prior to imaging. Contrast-associated nephropathy: risk factors, symptoms, treatment.
2. Patient with chronic glomerular disease. Patient with nephrotic syndrome and sub-nephrotic proteinuria. Patient with hematuria and microhematuria. Indications to kidney biopsy.
3. Primary and secondary glomerular diseases.
4. Tubulo – interstitial nephropathies (TIN). Iatrogenic diseases of the kidney. Classification of TIN. Endogenous and exogenous nephrotoxic substances. Drug-related kidney injury. Analgesic nephropathy. Chemotherapy-induced kidney injury. Electrolyte disorders.
5. Patient with complicated and treatment-resistant hypertension. Diagnosis of target organ damage in arterial hypertension. ‘Special’ conditions in hypertension: hypertension in pregnancy, hypertensive crisis and ‘malignant’ hypertension, perioperative period.

**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