**INTERNAL MEDICINE**

**WNM, academic year 2023/2024; 4th study year**

**Semester VII (winter) 2023/2024**

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|  | 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)**

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| --- | --- | --- |
| Date lecture | Lecture | Topic |
| **09.10.2023**  **15:15-16:45 (2h) sala nr 3 WSS upper hall** | TS (2h) | Primary hypertension.  Secondary forms of hypertension: renal parenchymal and reno-vascular. |
| **23.10.20233**  **17:00-18:30 sala nr 3 WSS**  **lower hall** | TS (2h) | Primary glomerular disease |

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

**Group 1, 2: (3h) (TS) 24.10.2023 hour 15:15-17:30 room 3 WSS upper hall**

**Group 3: (3h) (TS) 14.11.2023 hour 14:15-16:30 CSM Lecture Hall**

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

**Rotation plan between departments bedside teaching:**

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| --- | --- | --- | --- | --- | --- |
|  | **Group**  **1a** | **Group**  **1b** | **Group**  **2a** | **Group**  **2b** | **Group**  **3a** |
| **TS** | 03-09.10.23 | 10-16.10.23 | 17-23.10.23 | 24-30.10.23 | 06-10.11.23 |

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|  | **Group**  **2a** |  |  |  |  |
| **TS** | 13-17.11.23 |  |  |  |  |

**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