**INTERNAL MEDICINE**

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

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

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| --- | --- | --- | --- |
|  | Lectures  | Seminars  | Bedside teaching |
| 30 hours | 2 | 3 | 25 |
| **Internal transfer of half of the classes from the winter semester / approved by the Dean of the Faculty of Medicine** |  |  |  |

**Initials of Professors:**

**prof. E. Bandurska-Stankiewicz – EBS** (Clinic of Endocrinology, Diabetology and Internal Medicine Wojewódzki Szpital Specjalistyczny Żołnierska 18 Street)

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

**Lectures:** **(2h)** **AULA CSM**

|  |  |  |
| --- | --- | --- |
| Date lecture  | Lecturer  | Topic |
| **26.04.2024** **13:15-14:45 (2h)** | **EBS (2h)** | **Thyroid and parathyroid gland diseases.** |

**Seminars: \*room nr 3 Wojewódzki Szpital Specjalistyczny w Olsztynie** Żołnierska 18 Street

**Gr. 1 (1a,1b,2a,2b): 9:45-12:00 27.02.2024r. sala 100D CSM**

**Gr. 2 (4a,4b,5a,5b): godz. 9:45-12:00 19.04.2024r.\***

**Gr. 3 (3a,3b+ERASMUS): godz. 9:45-12:00 30.04.2024r.\***

**Classes 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** **5b** | **Group 3b** | **Group 2b,3a** |
| **EBS** | **4-8.03.2024** | **11-15.03.2024** | **15-19.04.2024** |

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|  | **Group** **2a,4b** | **Group 1a,1b** | **Group 4a,5a** |
| **EBS** | **22-26.04.2024** | **6-10.05.2024** | **13-17.05.2024** |

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|  | **Group** **ERASMUS** |  |  |
| **EBS** | **20-28.05.2024** |  |  |

**Seminars (6h)**

1. Pituitary gland diseases and adrenal gland diseases.
2. Osteoporosis and neuroendocrine tumors.

**Topics of Bedside teaching**

**Diabetology and endocrinology 25h**

1. Thyroid gland dysfunction
2. Graves' disease - (definition and etiopathogenesis, clinical picture, diagnosis, differentiation, treatment, prognosis). Thyroid orbitopathy. Toxic and non toxic nodular goiter. Thyroid cancer. Thyroiditis.
3. Thyroiditis and thyroid cancers.
4. Hyperaldosteronism, Cushing syndrome, Addison disease.
5. Adrenal gland incidentaloma. Adrenal gland cancer. MEN syndromed. Hypo- and hyperparathyreoidism.
6. Pituitary tumors.
7. Hormonally active and inactive pituitary gland tumors.
8. Hormonal disorders of ovaries with women: primary and secondary amenorrhea, polycystic ovary syndrome. Tumors of ovaries. Disorders of perimenopausal and postmenopausal period.
9. Primary and secondary hormonal disorders of testes with men. Neoplasms of testicles. Gynecomastia.
10. Water-electrolyte and acid-base balance disorders: dehydration, overhydration, hypo and hypernatremia, hypo and hyperkalemia, hypo and hypermagnesemia, hypo- and hypercalcemia, hypo- and hyperphosphatemia; acidosis and alkalosis.
11. Metabolic diseases of bone: osteomalacia, osteoporosis – determinants of peak bone mass and density, diagnosis and treatment of osteoporosis, FRAX; primary and secondary osteoporosis; prophylaxis of osteoporosis.

**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

\* **The schedule is based on the schedule posted on the department's website, which is the primary source for students to obtain information on when and where teaching activities take place.**