**T.C.**

**NİĞDE ÖMER HALİSDEMİR ÜNİVERSİTESİ FACULTY OF MEDICINE**

**SEMESTER 4 INTERNAL MEDICINE PRACTICE TRAINING**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Duration (Weeks)** | **Class Hours** | | | **ECTS** |
| **Theoretical** | **Practical** | **Sum** |
| 7 | 75 | 148 | 223 | 11 |

**INTERNAL MEDICINE PRACTICE TRAINING TOPICS**

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| **Course: INTERNAL MEDICINE PRACTICE TRAINING**  **Course Code: TIP4033**  **ECTS: 11** | | |
| **Topic** | **T** | **P** |
| Adrenocortical insufficiency | 1 |  |
| Acute kidney injury | 2 |  |
| Acute glomerulonephritis | 1 |  |
| Acute pancreatitis | 1 |  |
| Aplastic anemia | 2 |  |
| Acid-base balance disorders \* | 2 |  |
| Behçet's Disease | 1 |  |
| Cushing's disease | 1 |  |
| Diabetes insipitus | 1 |  |
| Diabetes mellitus and its complications \* | 3 |  |
| Pheochromocytoma | 1 |  |
| Gastro‐esophageal reflux\* | 2 |  |
| Gestational diabetes | 1 |  |
| Hemolytic anemia | 1 |  |
| Hemolythrectoremicosis/ThrombocytopenicPurpura | 1 |  |
| Hemochromatosis | 1 |  |
| Hepatic coma | 1 |  |
| Hepatosteatosis | 1 |  |
| Hyperparathyroidism | 1 |  |
| Hyperthyroidism | 2 |  |
| Hypoglycemia\* | 1 |  |
| Hypoparathyroidism | 1 |  |
| Hypothyroidism | 2 |  |
| Inflammatory bowel disease | 2 |  |
| Irritable bowel disease \* | 1 |  |
| Complications of transfusion of blood and its products | 1 |  |
| Bleeding disorders (hemophilia, thrombocytopenia, etc.) | 2 |  |
| Cirrhosis of the liver | 2 |  |
| Chronic Kidney Disease \* | 2 |  |
| Chronic glomerulonephritis | 1 |  |
| Chronic pancreatitis | 1 |  |
| Lymphoproliferative diseases | 1 |  |
| Megaloblastic anemia | 2 |  |
| Metabolic syndrome \* | 2 |  |
| Myeloproliferative diseases | 1 |  |
| Obesity\* | 2 |  |
| Oncological emergencies | 2 |  |
| Peptic diseases (ulcers, gastritis) \* | 2 |  |
| Polycythemia | 1 |  |
| Portal hypertension | 1 |  |
| Secondary hypertension | 1 |  |
| Thyroiditis | 1 |  |
| Upper gastrointestinal bleeding \* | 2 |  |
| Vasculitis | 1 |  |
| Wilson's disease | 1 |  |
| Diffuse intravenous coagulation | 2 |  |
| Hemoglinopathies | 2 |  |
| Pituitary disorders | 1 |  |
| Leukemias | 2 |  |
| Nephrotic syndrome | 2 |  |
| Primary immunodeficiencies | 1 |  |
| Iron deficiency anemia | 1 |  |
| GI motility disorders | 1 |  |
| Ability to take general and problem-oriented history |  | 2 |
| Assessment of general condition and vital signs |  | 2 |
| Examination of the respiratory system |  | 2 |
| Ability to prepare for epicrisis |  | 2 |
| Preparing a patient file |  | 2 |
| Ability to issue prescriptions |  | 2 |
| Ability to measure and evaluate blood glucose with glucometer |  | 2 |
| Use a microscope |  | 2 |
| Ability to perform and evaluate peripheral smear |  | 2 |
| Interpret the results of screening and diagnostic examinations |  | 2 |
| Ability to make rational laboratory and imaging examination requests |  | 2 |
| Ability to perform blood transfusions |  | 2 |
| Polyclinic application |  | 30 |
| Clinical student visit |  | 34 |
| Case-based assessment |  | 26 |
| Training with simulated patient |  | 21 |
| Patient distribution and preparation |  | 13 |

**PURPOSE:**

At the end of the "Internal Medicine internship", semester IV students; will be able to make a preliminary diagnosis or diagnosis of important and common internal diseases that may require urgent intervention, will be able to treat these patients at the primary care level and make emergency interventions, and will be able to send the patient to the specialist when necessary.

**LEARNING OBJECTIVES:**

At the end of the "Internal Medicine internship", semester IV students;

1. Will be able to question the symptoms of internal diseases during history taking and physical examination, recognize these symptoms during the examination, request and interpret the necessary examinations at the first stage, treat simple problems, determine which patients should be evaluated by a specialist,

2. Evaluate complete blood count results and peripheral blood smear and make comments about the result,

3. Will have knowledge about general hematological diseases, will be able to direct the patient to the specialist by making the necessary preliminary interventions,

4. Will have knowledge about oncological diseases, will be able to send patients to their specialists by knowing the clinical findings and risk groups in common cancers,

5. Will be able to make a differential diagnosis by analyzing and synthesizing the signs and symptoms of gastrointestinal system diseases and gain diagnostic skills,

6. Will be able to make a differential diagnosis by analyzing and synthesizing the signs and symptoms that occur in endocrinology diseases and gain diagnostic skills, and will be able to start the necessary treatment,

7. Will be able to make a differential diagnosis by analyzing and synthesizing the signs and symptoms that occur in nephrology diseases and gain diagnostic skills, and will be able to send patients to the specialist after their first treatment,

8. Will be able to diagnose and treat emergency diseases of internal diseases (such as diabetic ketoacidosis, non-ketotichyperosmolar coma, adrenal insufficiency, hypercalcemia, hypocalcemia, oncological emergencies, hyperkalemia, poisonings, renal failure, shock, GI hemorrhages) and then send them to advanced centers under appropriate conditions,

9. Will be able to perform urine analysis, evaluate biochemical, serological, endocrinological laboratory parameters related to kidney diseases and interpret the results of imaging methods,

10. Will be able to interpret blood gas analysis, recognize acid-base and fluid-electrolyte disorders and make necessary and urgent interventions to correct them,

11. Gain the skills of practical learning of physician-patient and physician-physician relations