**T.C.**

**NİĞDE ÖMER HALİSDEMİR ÜNİVERSİTESİ FACULTY OF MEDICINE**

**SEMESTER 4 CHILD HEALTH AND DISEASES APPLICATION TRAINING**

**CURRICULUM**

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| --- | --- | --- | --- | --- |
| **Duration (Weeks)** | **Class Hours** | | | **ECTS** |
| **Theoretical** | **Practical** | **Sum** |
| 7 | 63 | 138 | 201 | 11 |

**CHILD HEALTH AND DISEASES APPLICATION TRAINING TOPICS**

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| **Course: CHILD HEALTH AND DISEASES APPLICATION TRAINING**  **Course Code: TIP4034**  **ECTS: 11** | | |
| **Topic** | **T** | **P** |
| Familial mediterranean fever | 1 |  |
| Avitaminosis, vitamin D deficiency and vitamin K deficiency | 2 |  |
| Pertussis | 1 |  |
| Bronchiolitis \* | 1 |  |
| Child functional constipation\* | 1 |  |
| Baby to diabetic mother | 1 |  |
| Congenital structural anomalies | 1 |  |
| Febrile convulsions and seizures of joining | 2 |  |
| Henoch‐Schönlein purpura and childhood vasculitis | 2 |  |
| Intrauterine growth retardation | 2 |  |
| Mumps | 1 |  |
| Blood incompatibilities and neonatal jaundice | 2 |  |
| Cystic fibrosis | 1 |  |
| Congenital hypothyroidism | 2 |  |
| Malnutrition | 2 |  |
| Moniliasis | 1 |  |
| Prematurity | 2 |  |
| Malformations of the gastrointestinal tract in the newborn | 1 |  |
| Convulsions in the newborn | 2 |  |
| Metabolic disorders in the newborn | 2 |  |
| Neonatal sepsis, meningitis and neonatal hemorrhagic disease | 2 |  |
| Difficulty breathing in the newborn | 2 |  |
| Approach to the Child with Anemia | 2 |  |
| Bacterial Infections of the Newborn | 1 |  |
| Acute Glomerulonephritis | 1 |  |
| Perinatal Asphyxia | 1 |  |
| Diabetic Ketoacidosis | 1 |  |
| Complementary Nutrition in Infants | 1 |  |
| Diagnosis and Treatment of Acute Renal Failure in Children | 2 |  |
| Polyuric Syndromes in Children | 1 |  |
| Short Stature | 1 |  |
| Childhood Nephrotic Syndrome | 1 |  |
| Breastfeeding Nutrition and Its Benefits | 1 |  |
| Disorders of Puberty Development | 1 |  |
| Childhood Vaccines and Application Principles | 2 |  |
| Taking Anamnesis in Children | 1 |  |
| Asthma in Children | 1 |  |
| Congenital Heart Diseases | 1 |  |
| Anaphylaxis in children | 1 |  |
| Neurocutaneous Diseases | 1 |  |
| Childhood Rash Diseases | 1 |  |
| Acute Rheumatic Fever | 1 |  |
| Solid Tumors of Childhood | 1 |  |
| Bleeding disorders (hemophilia, thrombocytopenia) | 2 |  |
| Childhood Pneumonias | 1 |  |
| Acute Gastroenteritis and Dehydration | 1 |  |
| Neonatal Resuscitation | 1 |  |
| Anthropometric measurements |  | 1 |
| Examination of children and newborns |  | 2 |
| Ability to measure and evaluate bleeding time |  | 1 |
| Ability to monitor growth and development in children (percentile curves, Tanner rating) |  | 1 |
| Capillary blood sample |  | 1 |
| Ability to draw heel blood |  | 1 |
| Neonatal resuscitation |  | 2 |
| POLYCLINIC PRACTICE |  | 28 |
| CLINICAL STUDENT VISA |  | 36 |
| TRAINING WITH SIMULATED PATIENT |  | 21 |
| FACT-BASED ASSESSMENT |  | 26 |
| PATIENT DISTRIBUTION AND PREPARATION |  | 18 |

**PURPOSE:**

At the end of the "Child Health and Diseases" internship, semester IV students;

They will be able to ensure the protection and development of children's health, know the general approach to the pediatric patient, diagnose and treat common diseases in childhood.

**LEARNING OBJECTIVES:**

At the end of the "Child Health and Diseases" internship, semester IV students;

1- Will be able to take anamnesis from children and their families,

2- Will be able to perform a complete physical examination covering all organ systems of the patient and distinguish the "normal" examination findings that vary with age,

3- Will be able to evaluate the patient as a whole not only with the system with the complaint, but also with the family and environment,

4- Will learn the basic principles of neonatal examination and will be able to distinguish between "physiological" and "pathological",

5- Will be able to plan robust child monitoring,

6- Will be able to diagnose life-threatening or treatable diseases that are frequently seen in childhood and will be able to count appropriate treatment options,

7- Will be able to define ways to prevent childhood diseases that are common in our country,

8- Will be able to make anthropometric measurements and evaluate growth,

9- Will be able to count the motor and mental development steps of children chronologically, detect deviations from normal,

10- Will be able to explain the benefits of breastfeeding and breastfeeding, complementary nutrition, child and adolescent nutrition principles and will be able to provide counseling to families on this issue,

11- Will be able to explain childhood vaccinations and basic vaccination principles, will be able to organize a vaccination schedule,

12- Will be able to adopt the importance of monitoring patients with chronic problems,

13- Will be able to apply the ability to take heel blood,

14- Will be able to apply the ability to take capillary blood samples,

15- Will be able to diagnose childhood acute renal failure and regulate the treatment approach,

16- Will be able to diagnose diabetic ketoacidosis in children, will be able to refer them to the relevant department by making the first intervention,

17- Will be able to recognize the disorder in the stages of puberty development and refer it to the relevant department,

18- Will be able to make the differential diagnosis of common complaints in children and refer complex patients to the relevant departments according to this differential diagnosis,

19- Will be able to make the first assessment and apply emergency treatment in a child who has had convulsions,

20- Recognize growth and development retardation in childhood and refer them to the relevant department when necessary,

21- Identify neonatal jaundice, risk factors that cause jaundice, and refer those who need treatment to the relevant department,

22- Will be able to count the things that need to be done in newborn resuscitation,

22- Will be able to measure and evaluate bleeding time,