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| **Course title** | **Code** | **Semester** | **Type of course** | **Course volume (Contact hours)** | **ECTS** |
| **Pediatrics I** | **MED****4001** | **VII** | **Mandatory** | **144** | **9** |
| **Faculty, the educational program and level of education** | * School of Medicine and Health Sciences
* Higher Medical Educational Program “Medicine”
* One cycle 6-year
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| **Learning Course Content** |
| * Introduction to Pediatrics. Immunizations
* Heart Failure. Approach to a child with heart failure .
* High Risk Newborn (infant of diabetic mother/IUGR/birth trauma/asphyxia). Problems of Premature Babies.
* Neonatal jaundice. Inborn Errors of Metabolism. Approach to a Baby with Hypotonia. Mental and Motor retardation, Cerebral palsy. Pituitary-hypothalamic diseases. Parathyroid disorders. Adrenal insufficiency. Approach to the patient with atypical or ambiguous genitalia. Obesity in Childhood.
* Epilepsy
* Nephrotic Syndrome in Pediatrics. Acute Glomerulonephritis (pediatric). Approach to a Child with Hypertension. Chronic Glomerulonephritis/Chronic Renal Insufficiency(pediatric)
* Acute Respiratory Failure. Acute Respiratory Failure/pneumothorax
* Approach to a Child with Arthritis. Connective tissue disorders (SLE, JRA, FMF).
* Urinary tract Infection. Vasculitis.
* Congenital Heart Disease with Stenosis. Myocarditis. Approach to a child with chest pain.
* Allergic Rhinitis. Asthma (acute and chronic treatment). Approach to a Child with Syncope. Approach to Practical ECG in children. Headache (Child). Myopathies and Muscular Disorders. Inflammatory Bowel Disease. Gastroesophageal Reflux Disease. Cirrhosis, Portal Hypertension (child). Approach to a Child with Vomiting. Approach to a Child with Chronic Cough. Cystic Fibrosis. Tuberculosis. Cyst Hydatidis. Rational use of antibiotics.
* Constipation and Diarrhea.
* Acute Rheumatic Fever. Pericarditis. Pediatric resuscitation. Shock. Avitaminosis.
* Growth and Development. Breast feeding.
* Age Appropriate Nutrition. Urticaria and angioedema. Atopic Dermatitis/ Food Allergy. Childhood Diseases with Rash. Movement Disorders. Disorders of Thyroid Gland. Diabetes Mellitus. Approach to a Child with Hepatomegaly. Approach to a Child with Splenomegaly. Leukemia. Lymphoma.
* Sudden Infant Death Syndrome.
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| **Textbooks and Materials** |
| * Nelson Textbook of Pediatrics-Kliegman, Robert; Stanton,Bonita F; Elsevier Saunders; 19th. ed. 2011;
* Fanaroff and Martin's Neonatal-Perinatal Medicine: Diseases of the Fetus and Infant- Martin,Richard ; Fanaroff , Avroy A; Elsevier Mosby; V-I, II; 8th.ed. 2012;
* Nelson essentials of pediatrics - karen J.Marcdante, Robert M.Kliegman, Abigail M.Schuh; 9th edition.2023;
* The Harriet Lane Handbook E-Book-Hughes, Helen; Kahl, Lauren; Elsevier; 21th. ed. 2018;
* Berkowitz's Pediatrics: A Primary Care Approach- Berkowitz,Carol; American Academy of Pediatrics; 19 th.ed. 2014; e-book;
* Atlas of Pediatric and Youth ECG- Gabriele Bronzetti; Springer International Publishing; 2018; e-book;
* OSCE Cases with Mark Schemes: A Revision Aid for Medical Finals- Susan Shelmerdine; Tamara North; Anshan; 2012;
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