



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Paediatrics

1920-4-H4601D022-H4601D061M

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#### Aims

Approach to healthy and sick newborn and child

Childhood diseases

Diseases of interest for dentists/odontologists

#### Contents

Healthy and pathological newborn

Nutrition, growth and development

Vaccinations

Fever: childhood diseases, sepsis, infectious diseases, meningitis and encephalitis, seizures

Drug prescription in pediatrics

Pediatric hematology: physiological, benign and malignant diseases

Gastroenterology, cardiology, respiratory diseases, nephrourologic disorders, metabolic diseases

## **Detailed program**

Introduction to pediatrics

Mortality and morbidity throughout the world

Growth and growth charts, pubertal development

Tooth eruption

Newborn physiological, prematurity and intrauterine growth retardation, physical examination, Apgar score, neonatal screening and Guthrie test

Nutritional needs: newborn and children, food-formula for special needs, obesity

Fever, infections, common childhood diseases, sepsis

Central nervous systems: neurological evaluation, meningitis and meningoencephalitis, seizures

Vaccinations

Non malignant hematology: anemia, hemoglobinopathies, hemophilia, coagulopathies, thrombocytopenias, neutropenia

Malignant hematology: leukemia, lymphoma, hematopoietic stem cell transplantation

Respiratory tract: dyspnea, croup, bronchiolitis, asthma, pneumonitis

Nephrology: hematuria, urinary tract infection, glomerulonephritis, nephrotic syndrome,

Gastrointestinal disease: acute and chronic diarrhea, celiac disease

Metabolic disease: approach to inborn errors of metabolism

Drug prescription in pediatrics: main drugs and antibiotics

## **Prerequisites**

## **Teaching form**

Frontal teaching

## **Textbook and teaching resource**

Nelson Textbook of Pediatrics

**Semester**

First semester 2019-2020

**Assessment method**

30 written multiple choice questions in 60 minutes

**Office hours**

Upon request

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