



GENERAL PAEDIATRICS	
Enrollment year	2016/2017
Academic year	2020/2021
Regulations	DM270
Academic discipline	MED/38 (GENERAL AND SPECIALISED PEDIATRICS)
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	MEDICINE AND SURGERY (IN ENGLISH LANGUAGE) (ENGLISH LANGUAGE)
Curriculum	PERCORSO COMUNE
Year of study	5°
Period	1st semester (01/10/2020 - 15/01/2021)
ECTS	5
Lesson hours	40 lesson hours
Language	English
Activity type	ORAL TEST
Teacher	CALCATERRA VALERIA - 1 ECTS COMOLI PATRIZIA ELSA - 1 ECTS LICARI AMELIA - 3 ECTS
Prerequisites	None.
Learning outcomes	The main objective of the lessons is to provide the students with the primary information regarding normal physiology and development of pediatric age, together with essential notions for diagnosis and treating diseases occurring in childhood. Particular attention will be paid to hematological, oncological, immunological, and infectious disorders. At the end of the course, students must be familiar with the principal and peculiar pediatric diseases.
Course contents	Neonatology Physical examination of the newborn, infant jaundice and hyperbilirubinemia in the newborn, neonatal necrotizing enterocolitis,

hyaline membrane disease, retinopathy of prematurity, intracranial-intraventricular hemorrhage and periventricular leukomalacia,

Endocrinological disorders

Type 1 and 2 diabetes mellitus and other specific types of diabetes (MODY, neonatal diabetes), diabetes insipidus, obesity and metabolic syndrome, precocious/delayed puberty, hypothyroidism, hyperthyroidism, thyroid nodules, neoplasia of the thyroid, congenital adrenal hyperplasia, disorders of sex development

Cardiovascular System

Fetal-neonatal and transitional circulation, congenital heart malformations

Respiratory disorders

Bronchiolitis, Community-Acquired Pneumonia, Asthma

Gastrointestinal Diseases

Hypertrophic pyloric stenosis, inflammatory bowel disease (chronic ulcerative colitis, Crohn disease, celiac disease).

Rheumatic Diseases

Rheumatic disease, juvenile idiopathic arthritis, systemic lupus erythematosus, Kawasaki disease, Henoch-Schönlein purpura, rheumatic fever

Nephro-urological diseases

Urinary Tract Infections, Glomerulonephritis, Nephrotic Syndrome

Neurological disorders

Febrile seizures, acute bacterial meningitis, viral meningoencephalitis

Infectious diseases

Measles, Rubella, Mumps, Varicella-Zoster Virus Infections, Epstein-Barr Virus

Hematological diseases

Immunodeficiency, anemias, thalassemia syndromes, leukemias, thrombocytopenia, lymphoma, histiocytosis syndromes, Wilms tumor, neuroblastoma

Genetic syndromes

S. Klinefelter, S. Turner, S. Down, S. Prader Willi.

Teaching methods

Lectures and practical exercises.

Reccomended or required readings

Nelson Textbook of Pediatrics.

Assessment methods

Oral examination at the end of the course.

Further information

None.

