Neurology/Gastroenterology/Rheumatology

Literature:

2. Illustrated Textbook of Paediatrics, Edited by T. Lissauer, G. Clayden 2012
3. Seminars and lecture

Seminars:

Neurological examination in children. 1h
Cerebral palsy. 1h
Epilepsy.1h
Febrile seizures. 1h
Feeding recommendation for children.1h Prolonged neonatal jaundice. Breast milk jaundice. 1h
Metabolic disorders in children.3h
Screening for the metabolic disorders. 1h

Lectures:

Vaccinations. Immunization schedule. Vaccinations for the risk groups.2h
Reactive arthritis. Rheumatoid fever.1h
Connective tissue diseases.1h
Hyperthyroidism - symptoms, diagnosis and treatment
Hypothyroidism - symptoms, diagnosis and treatment
Precocious puberty.
Innovations in the diagnosis and treatment of the hypercortisolemia in children.
Growth disorders in children in the course of growth hormone deficiency and the total IGF-1 deficiency syndrome.
ATTENTION: The sequence of topics may change during the semester according to the schedule for Pediatrics. Due to the wide range of material, we recommend earlier preparation.

A test, which covers the subject from obligatory textbooks, seminars and lectures, will be taken before every practical class.

Classes will take place in the Regional Specialist Children’s Hospital in Olsztyn

NEUROLOGY – Department of Pediatric Neurology

Topic 1
Epilepsy. Paroxysmal non-epileptic events.

Epilepsy
Definition of the epilepsy and seizures
Definition of the status epilepticus
Ethiology
The most common epileptic syndromes in children
Diagnostics (EEG, Neuroimaging)
Treatment

Topic 2

Headache
Pathomechanism
Classification
Migraine
Tension headaches
Cluster headaches
Secondary headaches

Neurodegenerative disorders
Definition,
Etiology,
Selected clinical features of neurodegenerative disorders:
A. Sphingolipidoses,
B. Neuronal Ceroid Lipofuscynoses,
C. X-linked Adrenoleukodystrophy,
D. Mucopolysaccharidoses (MPS),
E. Mitochondrial Disorders,
F. Subacute necrotizing encephalomyelopathy (LEIGH DISEASE),
G. Rett Syndrome,
H. Wilson Disease
Acquired illnesses mimicking degenerative diseases
GASTROENTEROLOGY – Department of General Pediatrics II, Nephrology and Cardiology

Topic 1
Inflammatory-bowel disease in children.
- history taking, physical examination, differential diagnosis, interpretation of the laboratory test, imaging, diagnosis and treatment
- participation in the medical rounds
- discussion of interesting cases of children hospitalized in the ward

Topic 2
- history taking, physical examination, differential diagnosis, interpretation of the laboratory test, imaging, diagnosis and treatment
- participation in the medical rounds
- discussion of interesting cases of children hospitalized in the ward

RHEUMATOLOGY — Department of General Pediatrics II, Nephrology and Cardiology

Students should know: the basic knowledge of the immunology and anatomy of the musculoskeletal system

Topic 1
Differences in the course of connective tissue diseases in children.
The formal examination of the musculoskeletal system in children
Signs and symptoms of rheumatic diseases from other systems than the musculoskeletal system
Investigation- laboratory tests, imaging studies
Vasculitis- Kawasaki disease, Henoch-Shoenlein purpura
Juvenile Dermatomyositis
Localised scleroderma

Topic 2

Other conditions associated with or mimicking arthritis
Criteria for the diagnosis and categories of JIA
Clinical features of JIA
JIA treatment -non-steroid anti-inflammatory drugs, slow-acting anti-rheumatic drugs, biological agents
Reactive arthritis
Rheumatic fever