

CONTENT OF THE SUBJECT

Subject:	Clinical Immunology		
Study programme:	<i>General Medicine</i>	Study Period:	<i>9. semester</i>
Evaluation:	<i>Graduated</i>	Subject Type:	<i>Compulsory Elective Courses</i>
Content:	<i>0 h. lectures and 1 h. practical exercises / week</i>		<i>Total 14 hours</i>

Department: **Department of Paediatrics and Adolescent Medicine UPJŠ**
Faculty of Medicine and Children´s University Hospital in Košice

Week	Seminars
1.	<p>General considerations</p> <ul style="list-style-type: none"> I. Definition and classification of autoimmune disorders II. Etiological factors III. Pathophysiology of autoimmune disorders IV. Hypersensitivity types V. Atopy, Anaphylaxis and anaphylactic shock
2.	<p>Immunological issues in dermatology</p> <ul style="list-style-type: none"> I. Allergic dermatitis II. Contact dermatitis III. Urticaria IV. Angioedema
3.	<p>Chest and respiratory disorders</p> <ul style="list-style-type: none"> I. Respiratory allergy II. Asthma bronchiale III. Rhinitis IV. Interstitial lung diseases V. Sarcoidosis
4.	<p>Vascular disorders (part 1)</p> <ul style="list-style-type: none"> I. Granulomatosis with polyangiitis II. Kawasaki's disease
5.	<p>Vascular disorders (part 2)</p> <ul style="list-style-type: none"> I. Polyarteritis nodosa II. Eosinophilic granulomatosis with polyangiitis III. Immunocomplex vasculitis IV. Hypersensitivity vasculitis V. IgA vasculitis VI. Giant cell arteritis
6.	<p>Haematological disorders</p> <ul style="list-style-type: none"> I. Autoimmune anemias II. Immune thrombocytopenia III. Immune disorders of coagulation IV. Blood transfusion

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7.	Immunodeficiency (part 1) I. Primary immunodeficiency II. Antibody deficiency III. Combined primary T-cell, B-cell immunodeficiency IV. Qualitative and quantitative deficit of neutrophils
8.	Immunodeficiency (part 2) I. Secondary immunodeficiency II. Iatrogenic immunodeficiency
9.	Immunodeficiency (part 3) AIDS
10.	Transplantation I. Transplant rejection II. Immunosuppressive therapy
11.	Autoimmunological disorders of gastrointestinal tract I. Atrophic gastric and pernicious anaemia II. Food allergy III. Coeliac disease IV. Crohn's disease and ulcerative colitis V. Hepatitis
12.	Autoimmunological disorders of endocrine system I. Thyroid 1. Hashimoto's thyroiditis 2. Graves-Basedow disease 3. Idiopathic myxoedema II. Adrenal glands 1. Addison's disease
13	Autoinflammatory diseases
14.	Autoimmunological disorders of connective tissue I. Juvenile idiopathic arthritis II. Rheumatoid arthritis III. Lupus erythematosus

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