

CONTENT OF THE SUBJECT

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| <b>Subject:</b>    | <b>Paediatrics 2</b>                                     |                      |                                 |
| <b>Study</b>       | <i>General Medicine</i>                                  | <b>Study Period:</b> | <i>10<sup>th</sup> semester</i> |
| <b>Evaluation:</b> | <i>Credit Test</i>                                       | <b>Subject Type:</b> | <i>Compulsory</i>               |
| <b>Content:</b>    | <i>2 h. lectures and 2 h. practical exercises / week</i> |                      | <i>Total 56 hours</i>           |

Department: **Department of Paediatrics and Adolescent Medicine UPJŠ FM**

| <b>Week</b> | <b>Lectures</b>                              | <b>Practical Lessons</b>  |
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| 1.          | <b>Asthma bronchiale</b>                     | Repetition of practical skills - physical examination of the child, laboratory tests for respiratory infections.        |
| 2.          | <b>Acute and chronic heart failure</b>       | Evaluation of dehydration, the most common Acid-base disorders in children.   |
| 3.          | <b>Hepatosplenomegaly</b>                    | Examination of a child with chronic lung disease, functional test of the lungs, interpretation of chest X-ray findings. |
| 4.          | <b>Cystic fibrosis, Tuberculosis</b>         | Examination of a child with collapse, differential diagnosis of collapses.  |
| 5.          | <b>Viral hepatitis and chronic hepatitis</b> | Differential diagnosis of hepatosplenomegaly and jaundice in children.<br>Basics of abdominal ultrasonography.          |
| 6.          | <b>Infection in newborn</b>                  | The most common respiratory complications in newborn, premature and hypotrophic newborn.                                |
| 7.          | <b>Inborn errors of metabolism</b>           | Clinical features of the most common genetic syndromes, congenital malformations.                                       |

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| 8.  | <b>Acute kidney injury, hemolytic uremic syndrom</b>           | Evaluation of differential blood count, indications for bone marrow examination, idiopathic thrombocytopenic purpura. |
| 9.  | <b>Chronic kidney disease</b>                                  | Examination of the obese child, disorders of lipid metabolism, assessment of nutritional status, metabolic syndrome.  |
| 10. | <b>Puberty and its disorders</b>                               | Examination of a child with seizures, differential diagnosis of seizures in childhood.                                |
| 11. | <b>Calcium and phosphorus metabolism disorders</b>             | Differential diagnosis of oedema, nephrotic syndrome.   |
| 12. | <b>Bone and joint disorders, Juvenile idiopathic arthritis</b> | The most common diseases of bones and joints, densitometry.   |
| 13  | <b>Ultrasonography in paediatrics</b>                          | Evaluation of USG findings in childhood diseases.   |
| 14. | <b>Malignancy in children (leukemia, lymphoma)</b>             | Evaluation of laboratory findings in children, indications of transfusions in childhood.                              |