

**School of Medicine, University of Mostar** 

**Course: Pediatrics** 

Course Coordinator: Marija Šandrk Beslać, MD, PhD

**Study: Medical Studies in English** 

Year of the study: 6th

Academic year: 2023./2024.

## **COURSE SYLLABUS**

Course information (basic description, general information, teaching overview, required equipment, and preparation, etc.):

The main aim of this course is to achieve students understanding of the basics of pediatrics as a discipline that deals with children from birth to adulthood. The aim of pediatrics classes is to train students to recognize, treat and prevent diseases in children, and to carry out the rehabilitation of impaired functions, based on acquired knowledge of the etiopathogenesis of diseases and acquired practical skills. Through theoretical and practical forms of teaching, the student is enabled to acquire knowledge, skills, habits, and attitudes, which enable him to work in primary health care. The content of classes in pediatrics includes pediatric propaedeutics, clinical pediatrics and social-preventive pediatrics.

The course is performed in the winter semester (from November 28, 2023 to January 22, 2024, with a free period from December 23, 2023 to January 7, 2024 for the Christmas and New Year holidays) at the sixth year of study, in the form of lectures (50 teaching hours), seminars (60 teaching hours), and practicals (90 teaching hours). A) Lectures are a form of classes that provide an introduction and an overview of a thematic unit, providing students with fundamental knowledge, theories, and concepts related to pediatric healthcare. Students are expected to listen, take notes, and engage with the material being presented. B) Seminars are interactive sessions where students and teachers gather to discuss specific topics, encouraging critical thinking, problem-solving, and active participation, enhancing student's understanding of complex pediatrics concepts and keeping them updated with the latest developments in field. C) Practicals are part of pediatrics course typically

involves hands-on clinical training and experiences in various pediatric clinical settings, from outpatients to intensive care unit. During this part, students observe and participate in the diagnosis, treatment, and management of pediatric patients under the supervision of experienced healthcare professionals – academic assistants.

Classes are conducted on-site and online (through e-learning platforms (Google - Meet)).

Lectures and seminars will be held at the lecture hall of the School of medicine Mostar. Practical clinical skills will be organized in two groups according to the schedule and will be held at the Pediatric Clinic, University Clinical Hospital Mostar. Practicals will be held in the morning (according to the students' suggestions), and lectures and seminars will be held after 1:00 p.m. in blocks of three or four hours, depending on the course unit.

Class attendance and student participation in all forms of classes are compulsory in accordance with the Law and the Statute of the Faculty of Medicine in Mostar. Accordingly, student attendance at lectures, seminars, and practicals will be regularly checked. Only justifiable absences due to, for example, illness will be acceptable within the limits allowed and according to the Ordinance on Studies.

The student is obligated to prepare in advance the predefined material that is being discussed on seminars and evaluate on practicals. The teacher/course coordinator are obliged to inform students in advance about the seminar they should prepare. Students are required to wear white coats and masks and have a stethoscope during practicals.

The teacher/course coordinator continuously evaluates student participation throughout seminars and practicals (demonstrated knowledge, the ability to correlate a patient` history, physical status, and diagnostic procedures into disease diagnose and appropriate treatment management). Student activity during classes (lectures, seminars, practicals) is certified in the daily work log.

#### **Readings:**

#### Required reading:

- Book 1. Selected chapters from Nelson's Textbook of Pediatrics, 21st ed. Elsevier, 2019.
- Book 2. Lissauer T, Carroll W, eds. Illustrated Textbook of Paediatrics, 6th edition, Elsevier, 2021.

#### Recommended for additional reading:

- Selected papers from medical books and journals

# Exam (exam taking, detailed exam description of the oral/written/practical part, point distribution, grading criteria):

Final exam has three parts: practical, written, and oral exams.

During the practical exam, the assistant evaluates the student's practical skills in pediatrics. The practical exam begins with an interview with a patient, and his parents. History taking and

performing physical exam of the patient, beside interpretation and evaluation of the clinical and laboratory data, is of outmost importance for the assessment of student's clinical performance. The practical part of the exam will be taken in the final part of the course during the practicals at the clinic, before the written and oral exam.

The written exam consists of 50 test-questions with multiple choice of answers (one of the five offered answers is always correct). To pass the exam (grade sufficient), the student must answer at least 55 % of the questions correctly. According to the Rulebook on Studying at the University of Mostar grades are assigned as follows: 0-54 % insufficient (1); 55-66 % sufficient (2); 67-78 % good (3); 79-90 % (very good 4); 91-100 % excellent (5).

To take the oral exam, it is necessary to pass both the practical exam, and the written exam.

The oral exam includes the most important, integrative units of pediatrics. Throughout 5 questions, integrative knowledge is examined, which is essential for understanding the whole subject and is the basis for good medical practice.

The final grade is the average of the grade of the written and oral exam, that is: (Written + Oral)/2.

Who can NOT access the final exam: Students who missed 30 % or more teaching hours. Such a student cannot take the final exam, i.e., he/she must re - enroll the course in the following academic years.

Exam Terms: 26.1.2024. (written exam from 9.00 am. to 11 am.; the oral exam will be held on the same day after the test results announcement).

# **COURSE SCHEDULE**

### **Pediatrics**

Academic year: 2023./2024.

**Study: Medicine** 

Course Coordinator: Marija Šandrk Beslać, MD, PhD

| Date        | Time        | Title of Lectures (L) /<br>Seminars (S) /<br>Practicals (P) | Teaching | Literature   | Lecturer                                    |
|-------------|-------------|---|----------|--|---|
|             | 8.30-13.00  | (P) Pediatric Clinic  |          | -  | Dr. Iva Mandić (IM)                         |
| 23.         | 13.30-14.15 | (L) Normal Growth and<br>Development                        | On-site  | p 11-13; 14-16; 270-273;<br>650-651 book 1,<br>p 37-46; 198-202 book 2 | Prim. dr. sc. Marija Šandrk<br>Beslać (MSB) |
| 28.11.2023  | 14.20-15.05 | (S) Evaluation of the Well<br>Child                         | On-site  | p 16-27 book 1,<br>p 46-51 book 2                                      | Dr. Anita Kolobarić (AK)                    |
| 28          | 15.30-16.15 | (L) Paediatric Nutrition and Nutritional Disorders          | On-site  | p 99-104; 109-112 book 1,<br>p 214-224; 228-231 book 2                 | MSB   |
|             | 16.20-17.05 | (S) Vitamin and Mineral Deficiencies                        | On-site  | p 112-121 book 1,<br>p 224-229 book 2                                  | Dr. Svjetlana Mikulić (SM)                  |
|             | 8.30-13.00  | (P) Pediatric Clinic  |          |  | АК  |
| 3.          | 13.30-14.15 | (S) Inborn Errors of<br>Metabolism                          | On-site  | p 191-216 book 1,<br>p 474-482 book 2                                  | IM  |
| 29.11.2023. | 15.00-15.45 | (L) Patterns of Inheritance                                 | On-line  | p 169-177 book 1,<br>p 130-138 book 2                                  | Dr. sc. Ljubica Odak (LJO)                  |
| 29          | 15.50-16.35 | (L) Genetic Assessment.<br>Chromosomal Disorders            | On-line  | p 177-183 book 1, p 126-<br>130; 140-143 book 2                        | ПО  |
|             | 16.40-17.25 | (S) Approach to the<br>Dysmorphic Child                     | On-line  | p 183-186 book 1,<br>p 138-140 book 2                                  | ПО  |
|             | 8.30-13.00  | (P) Pediatric Clinic  |          |  | SM  |
| 23.         | 13.30-14.15 | (S) Behavioral and<br>Psychiatric Disorders                 | On-site  | p 41-47; 52-56; 70-71<br>book 1, p 61-63; 425-437<br>book 2            | АК  |
| 30.11.2023. | 14.20-15.05 | (S) Fluids and<br>Electrolytes                              | On-site  | p 125-144 book 1   | Prim. dr. sc. Ivona Letica (IL)             |
|             | 15.30-16.15 | (S) Infectious Disease                                      | On-site  | p 361-363; 368-386 book<br>1,<br>p 259-262; 269-277 book<br>2          | Mr. sc. Borko Rajič (BR)                    |

| Date       | Time        | Title of Lectures (L) /<br>Seminars (S) /<br>Practicals (P)   | Teaching | Literature  | Lecturer                           |
|------------|-------------|---|----------|---|------------------------------------|
|            | 16.20-17.05 | (S) Immunization and Prophylaxis  | On-site  | p 363-367 book1,<br>p 285-288 book 2                            | BR                                 |
|            | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Neonatology  |          |   | IM                                 |
| :023.      | 13.30-14.15 | (S) Gestational Age and<br>Birth Weight<br>Assessment. Adaptation<br>of Newborn to<br>Extrauterine Life | On-site  | p 218-222; 227-232 book<br>1, p 155-157; 162-163; 324<br>book 2 | IM                                 |
| 1.12.2023. | 14.20-15.05 | (S) Physical Examination and Assessment of the Vitality of the Newborn                                  | On-site  | P 222; 225; 227-232 book<br>1, p 157; 163-169 book 2            | IM                                 |
|            | 16.00-16.45 | (L) Respiratory diseases of the Newborn   | On-line  | p 240-247 book 1, p 185-<br>187 book 2                          | Doc. dr. sc. Sabina Terzić<br>(ST) |
|            | 16:50-17:35 | (L) Anaemia and<br>Hyperbilirubinemia of<br>the Newborn   | On-line  | p 247-254 book 1, p 182-<br>185 book 2                          | ST                                 |
|            | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Neonatology  |          |   | SM                                 |
|            | 13.30-14.15 | (S) Neonatal Seizures   | On-site  | p 255-256 book 1, p 193<br>book 2                               | AK                                 |
| 023.       | 14.20-15.05 | (S) Maternal Diseases Affecting the Newborn   | On-site  | p 235-238 book 1, p 151-<br>154 book 2                          | AK                                 |
| 4.12.2023. | 16.00-16.45 | (L) Hypoxic-Ischemic<br>Encephalopathy.<br>Intracranial<br>Haemorrhage. Birth<br>injuries               | On-line  | p 256-258 book 1, p 190-<br>193 book 2                          | ST                                 |
|            | 16:50-17:35 | (L) Neonatal Sepsis and<br>Meningitis. Necrotizing<br>enterocolitis                                     | On-line  | p 254-255; 258-259; p<br>177; 187-190 book 2                    | ST                                 |
|            | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Neonatology  |          |   | AK                                 |
| 2023.      | 13.30-14.15 | (S) The preterm infant  | On-site  | p 246 book 1, p 157, 172-<br>181 book 2                         | SM                                 |
| 5.12.2023. | 14.20-15.05 | (S) Neonatal Asphyxia and Resuscitation of a Newborn  | On-line  | p 222-227 book 1, p 157-<br>162 book 2                          | SM                                 |
|            | 16.00-16.45 | (L) Congenital Infections   | On-line  | p 259-264 book 1, p 154-<br>155 book 2                          | ST                                 |
| 6.12.2023. | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Cardiology   |          |   | Mr. sc. Vladimir Jegdić (VJ)       |

| Date        | Time        | Title of Lectures (L) /<br>Seminars (S) /<br>Practicals (P) | Teaching | Literature                                      | Lecturer  |
|-------------|-------------|---|----------|---|---|
|             | 13.30-14.15 | (S) Cardiovascular<br>System Assessment                     | On-site  | p 535-540 book 1, p 323-<br>325 book 2          | VJ  |
|             | 14.20-15.05 | (S) Syncope. Chest pain                                     | On-site  | p 540-542 book 1, p 343<br>book 2               | VJ  |
|             | 15.30-16.15 | (L) Acyanotic Congenital<br>Heart Disease                   | On-site  | p 545-548 book 1, 328-<br>332; 338-341 book 2   | Acc. prof. dr. sc. Senka<br>Mesihović Dinarević (SMD) |
|             | 16.20-17.05 | (L) Cyanotic Congenital<br>Heart Disease                    | On-site  | p 549-553 book 1, p 332-<br>337; 341-342 book 2 | SMD   |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Cardiology       |          |   | VJ  |
| 23.         | 13.30-14.15 | (L) Heart Failure   | On-site  | p 553-555 book 1, p 325-<br>328 book 2          | SMD   |
| 7.12.2023.  | 14.20-15.05 | (L) Arterial Hypertension. Pulmonary hypertension           | On-site  | p 524-525 book 1, p 346<br>book 2               | SMD   |
|             | 15.30-16.15 | (S) ECG Interpretation                                      | On-site  |   | VJ  |
|             | 16.20-17.05 | (S) Dysrhythmias  | On-site  | p 542-544 book 1, p 342-<br>343 book 2          | VJ  |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Cardiology       |          |   | VJ  |
| 8.12.2023.  | 13.30-14.15 | (S) Cardiomyopathies  | On-site  | p 556-558 book 1; p 345<br>book 2               | VJ  |
| 8.12        | 14.20-15.05 | (S) Myocarditis.<br>Pericarditis                            | On-site  | p 558-560 book 1, p 345<br>book 2               | VJ  |
|             | 15.30-16.15 | (L) Rheumatic Fever   | On-site  | p 408-410; 556 book 1, p<br>343-345 book 2      | SMD   |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Pulmonology      |          |   | AD  |
| 23.         | 13.30-14.15 | (S) Respiratory System<br>Assessment                        | On-site  | p 507-513 book 1, p 299-<br>300 book 2          | Dr. Ante Damjanović (AD)                              |
| 11.12.2023. | 14.20-15.05 | (S) Upper Respiratory<br>Tract Infections                   | On-site  | p 391-401; 516-518 book<br>1, p 300-304 book 2  | AD  |
| H           | 16.00-16.45 | (L) Cough   | On-line  | p 509 book 1, p 314-316<br>book 2               | Doc. dr.sc. Ivan Pavić (IP)                           |
|             | 16.50-17.35 | (L) Lower Respiratory<br>Tract Infections                   | On-line  | p 401-408 book 1, p 304-<br>307 book 2          | IP  |
| 12.12.2023. | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Pulmonology      |          |   | AD  |

| Date        | Time        | Title of Lectures (L) /<br>Seminars (S) /<br>Practicals (P)          | Teaching | Literature  | Lecturer                       |
|-------------|-------------|--|----------|---|--------------------------------|
|             | 13.30-14.15 | (S) Congenital Anomalies of the Respiratory System                   | On-site  | p 520-524 book 1, p 316;<br>320 book 2            | AD                             |
|             | 14.20-15.05 | (S) Allergy Assessment   | On-site  | p 311-313 book 1; p 292-<br>295 book 2            | AD                             |
|             | 16.00-16.45 | (L) Asthma   | On-line  | p 313-322 book 1, p 307-<br>314 book 2            | IP                             |
|             | 16.50-17.35 | (L) Tuberculosis   | On-line  | p 452-457 book 1; p 279-<br>281 book 2            | IP                             |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Pulmonology               |          |   | AD                             |
| 13.12.2023. | 13.30-14.15 | (S) Allergic Rhinitis. Atopic Dermatitis. Adverse Reactions to Foods | On-site  | p 323-328; 334-338 book<br>1, 295-297 book 2      | AD                             |
| 13.         | 14.20-15.05 | (S) Urticaria,<br>Angioedema, and<br>Anaphylaxis                     | On-site  | p 328-332 book 1, p 95-96;<br>297-298 book 2      | AD                             |
|             | 16.00-16.45 | (L) Cystic Fibrosis  | On-line  | p 526-529 book 1, p 317-<br>320 book 2            | IP                             |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of Pediatric<br>Neurology       |          |   | Prof. dr. sc. Igor Prpić (IPR) |
| 23.         | 13.30-14.15 | (S) Neurology<br>Assessment  | On-site  | p 16-18; 681-685 book 1, p<br>26-31; 53-55 book 2 | ABR                            |
| 14.12.2023  | 14.20-15.05 | (S) Cerebral Palsy   | On-site  | p 37-38 book 1, p 56-60<br>book 2                 | ABR                            |
| 1           | 15.30-16.15 | (L) Headache and<br>Migraine   | On-site  | p 685-687 book 1, p 502-<br>505 book 2            | IPR                            |
|             | 16.20-17.05 | (S) Altered Mental<br>Status   | On-site  | p 703-711 book 1, p 93<br>book 2                  | IPR                            |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of Pediatric<br>Neurology       |          |   | IPR                            |
| 15.12.2023. | 13.30-14.15 | (L) Seizures. Epilepsy   | On-site  | p 687-692 book 1, p 505-<br>512 book 2            | ABR                            |
|             | 14.20-15.05 | (S) Central Nervous<br>System Infections                             | On-site  | p 386-391 book 1, p 262-<br>265 book 2            | ABR                            |
| 1           | 15.30-16.15 | (L) Neurodegenerative<br>Disorders                                   | On-site  | p 711-714 book 1, p 524-<br>525 book 2            | IPR                            |
|             | 16.20-17.05 | (L) Neurocutaneous<br>Disorders                                      | On-site  | p 714-716 book 1, p 522-<br>524 book 2            | IPR                            |

| Date        | Time        | Title of Lectures (L) / Seminars (S) / Practicals (P)                          | Teaching | Literature  | Lecturer                     |
|-------------|-------------|--|----------|---|------------------------------|
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of Pediatric<br>Neurology                 |          |   | ABR                          |
| 18.12.2023. | 13.30-14.15 | (L) Congenital Malformations of the Central Nervous System                     | On-site  | p 716-718 book 1, p 520-<br>522 book 2  | IPR                          |
| 18.1        | 14.20-15.05 | (S) Weakness and<br>Hypotonia  | On-site  | p 692-700 book 1, p 513-<br>517 book 2  | ABR                          |
|             | 15.30-16.15 | (S) Ataxia and<br>Movement<br>Disorders  | On-site  | p 700-703 book 1, p 517-<br>519   | ABR                          |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Gastroenterology                    |          |   | Mr. sc. Milena Oreč (MO)     |
| 2023.       | 13.30-14.15 | (S) Congenital Anomalies of the Gastrointestinal Tract                         | On-site  | p 483-485; 487-490; 492-<br>493 book 1, p 195-197;<br>238-240; 245-247 book 2 | МО                           |
| 19.12. 2    | 15.00-15.45 | (L) Digestive System Assessment  | On-line  | p 467-473 book 1, p 236-<br>237; 240-241 book 2                               | Doc. dr. sc. Iva Hojsak (IH) |
|             | 15.50-16.35 | (L) Acute and Chronic<br>Diarrhoea   | On-line  | p 410-413; 473-475 book<br>1, p 247-250; 252 book 2                           | IH                           |
|             | 16.40-17.25 | (L) Malabsorption.<br>Coeliac disease  | On-line  | p 492 book 1, p 249-252<br>book 2   | IH                           |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Gastroenterology                    |          |   | МО                           |
|             | 13.30-14.15 | (S) Gastrointestinal<br>Bleeding   | On-site  | p 476-478 book 1  | МО                           |
| 20.12.2023. | 14.20-15.05 | (S) Constipation and Encopresis  | On-site  | p 49-52; 475-476 book 1, p<br>254-257 book 2                                  | МО                           |
| 20.12       | 16.00-16.45 | (L) Gastrointestinal motility disorders. Functional gastrointestinal disorders | On-line  | p 480-483; 485-487 book<br>1, p 241-246; 257-258<br>book 2                    | IH                           |
|             | 16.50-17.35 | (L) Inflammatory Bowel<br>Disease  | On-line  | p 490-491 book 1, p 452-<br>454 book 2  | IH                           |
| 123.        | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Gastroenterology                    |          |   | МО                           |
| 21.12.2023  | 13.30-14.15 | (S) Cholestasis. Acute<br>Liver Failure  | On-site  | p 413-416; 494-497 book<br>1, p 377-380; 382 book 2                           | МО                           |
| 2           | 14.20-15.05 | (S) Chronic liver disease  | On-site  | p 497-501 book 1, p 380-<br>386 book 2  | МО                           |

| Date        | Time        | Title of Lectures (L) /<br>Seminars (S) /<br>Practicals (P)              | Teaching | Literature                                      | Lecturer |
|-------------|-------------|--|----------|---|----------|
|             | 15.30-16.15 | (S) Pancreatic Diseases  | On-site  | p 501-503 book 1                                | МО       |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Endocrinology and<br>Diabetes |          |   | MSB      |
| :023.       | 13.30-14.15 | (S) Endocrinology<br>Assessment  | On-site  | p 637-639 book 1                                | MSB      |
| 22.12.2023. | 14.20-15.05 | (L) Diabetes Mellitus  | On-site  | p 639- 646 book 1, p 455-<br>464 book 2         | MSB      |
|             | 15.30-16.15 | (S) Hypoglicemia   | On-site  | p 646-650 book 1, p 464-<br>465 book 2          | MSB      |
|             | 16.20-17.05 | (S) Obesity  | On-site  | p 104-109 book 1, p 231-<br>234 book 2          | MSB      |
|             | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Endocrinology and<br>Diabetes | On-site  |   | MSB      |
| 124.        | 13.30-14.15 | (L) Thyroid Disease  | On-site  | p 663-668 book 1, p 465-<br>466 book 2          | MSB      |
| 8.1.2024.   | 14.20-15.05 | (S) Parathyroid Disorders  | On-site  | p 669-670 book 1, p 472-<br>473 book 2          | MSB      |
|             | 15.30-16.15 | (S) Disorders of Sexual Development                                      | On-site  | p 670-674 book 1, p 471-<br>472 book 2          | MSB      |
|             | 16.20-17.05 | (L) Disorders of Puberty   | On-site  | p 656-663 book 1, p 210-<br>213 book 2          | MSB      |
|             | 8.30-13.00  | (P) Pediatric Clinic - Department of Endocrinology and Diabetes          | On-site  |   | MSB      |
| 9.1.2024    | 13.30-14.15 | (L) Adrenal disorders  | On-site  | p 674-678 book 1, p 468-<br>471 book 2          | MSB      |
| 9.          | 14.20-15.05 | (L) Abnormalities of Growth  | On-site  | p 651-656 book 1, p 203-<br>208; 467-468 book 2 | MSB      |
|             | 15.30-16.15 | (S) Central Diabetes<br>Insipidus  | On-site  | p 133-134 book 1, p 467<br>book 2               | MSB      |
| 24.         | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Hematooncology                | On-site  |   | BR       |
| 10.1.2024.  | 13.30-14.15 | (S) Oncology Assessment  | On-site  | p 595-599 book 1, p 388-<br>389; 402 book 2     | BR       |
| <u> </u>    | 14.20-15.05 | (S) Principles of Cancer<br>Treatment                                    | On-site  | p 599-603 book 1, p 389-<br>392; 401 book 2     | BR       |

| Date       | Time        | Title of Lectures (L) /<br>Seminars (S) /<br>Practicals (P)          | Teaching | Literature  | Lecturer                        |
|------------|-------------|--|----------|---|---------------------------------|
|            | 16.00-16.45 | (L) Leukemia. Lymphoma   | On-line  | p 603-607 book 1, p 392-<br>393; 395-396 book2        | Prof. dr. sc. Ernest Bilić (EB) |
|            | 16.50-17.35 | (L) Solid Tumors   | On-line  | p 607-613 book 1, p 393-<br>395; 396-400 book 2       | ЕВ                              |
|            | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Hematooncology            |          |   | BR                              |
| 24.        | 13.30-14.15 | (S) Hematology<br>Assessment   | On-site  | p 563-566 book 1, p 403-<br>404 book 2                | BR                              |
| 11.1.2024. | 15.00-15.45 | (S) Lymphadenopathies  | On-line  | p 383-386 book 2                                      | EB                              |
|            | 15.50-16.35 | (L) Anaemias in children   | On-line  | p 566-580 , p 404-415<br>book 2                       | ЕВ                              |
|            | 16.40-17.25 | (L) Coagulopathies and Bleeding Disorders                            | On-line  | p 580-589 book 1, p 415-<br>422 book 2                | ЕВ                              |
|            | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Hematooncology            | On-site  |   | BR                              |
|            | 13.30-14.15 | (S) Immunological<br>Assessment                                      | On-site  | p 289-293 book 1                                      | BR                              |
| 12.1.2024. | 14.20-15.05 | (S) Blood Component Therapy. Hematopoietic Stem Cell Transplantation | On-site  | p 306-308; 589-590 book 1                             | BR                              |
|            | 16.00-16.45 | (L) Lymphocyte Disorders. Neutrophil Disorders. Complement Disorders | On-line  | p 293-306 book 1, p 288-<br>290 book 2                | ЕВ                              |
|            | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Nephrology                |          |   | IL                              |
| 15.1.2024. | 13.30-14.15 | (S) Nephrology and<br>Urology<br>Assessment                          | On-site  | p 617-620 book 1, p 347-<br>348 book 2                | IL                              |
| 15.1.      | 14.20-15.05 | (S) Urinary Tract<br>Infection. Urinary Tract<br>Stones              | On-site  | p 416-417; 631 book 1; p<br>352-356; 363 book 2       | IL                              |
|            | 15.30-16.15 | (S) Enuresis and Voiding Disfunction                                 | On-site  | p 48-49; 631-632 book 1, p<br>356-357; 432-433 book 2 | IL                              |
| 16.1.2024. | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Nephrology                |          |   | IL                              |
| 16.1       | 13.30-14.15 | (S) Renal Hypertension   | On-site  | p 627-628 book 1, p 362<br>book 2                     | IL                              |

| Date       | Time        | Title of Lectures (L) / Seminars (S) / Practicals (P)               | Teaching | Literature   | Lecturer                                     |
|------------|-------------|---|----------|--|--|
|            | 15.00-15.45 | (L) Congenital and Developmental Abnormalities of the Urinary Tract | On-line  | p 628-630 book 1; p 348-<br>352 book 2                 | Prof. dr. sc. Andrea Cvitković<br>Roić (ACR) |
|            | 15.50-16.35 | (L) Nephrotic Syndrome and Proteinuria                              | On-line  | p 620-622 book 1, p 357-<br>360 book 2                 | ACR  |
|            | 16.40-17.25 | (L) Glomerulonephritis and Hematuria                                | On-line  | p 622-624 book 1, p 360-<br>362 book 2                 | ACR  |
|            | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of<br>Nephrology               |          |  | IL   |
|            | 13.30-14.15 | (S) Hemolytic Uremic<br>Syndrome                                    | On-site  | p 624 book 1, p 366 book<br>2                          | IL   |
| 17.1.2024. | 14.20-15.05 | (S) Chronic Renal Failure   | On-site  | p 626-627 book 1, p 366-<br>368 book 2                 | IL   |
| 17         | 16.00-16.45 | (L) Acute Renal Failure   | On-line  | p 625-626 book 1, p 363-<br>366 book 2                 | ACR  |
|            | 16.50-17.35 | (L) Tubulointerstitial<br>Nephritis and<br>Tubulopathies            | On-line  | p 140; 621 book 1, 363<br>book 2                       | ACR  |
|            | 8.30-13.00  | (P) Pediatric Clinic  |          |  | АК   |
| 18.1.2024. | 13.30-14.15 | (L) Paediatric<br>Rheumatology Clinical<br>Assessment               | On-line  | p 343-345 book 1                                       | Prof. dr. sc. Marija Jelušić<br>Dražić (MJD) |
| 18.1.      | 14.20-15.05 | (L) Rheumatic diseases of childhood                                 | On-line  | p 349-356 book 1, p 494-<br>498 book 2                 | MJD  |
|            | 15.30-16.15 | (L) Childhood vasculitis  | On-line  | p 345-349 book 1,<br>p 277-279; 346; 361-362<br>book 2 | MJD  |
|            | 8.30-13.00  | (P) Pediatric Clinic-<br>Department of Intensive<br>Care Unit       |          |  | VJ   |
| .024.      | 13.30-14.15 | (S) Poisoning   | On-site  | p 160-165 book 1, p 107-<br>111 book 2                 | SM   |
| 19.1.2024. | 14.20-15.05 | (S) Initial Clinical<br>Assessment of the<br>Seriously ill Child    | On-line  | p 145-147 book 1, p 86-88<br>book 2                    | VJ   |
|            | 15.30-16.15 | (S) Respiratory Failure   | On-line  | p 149-151 book 1, 90-91<br>book 2                      | BR   |
| 22.1.2024. | 8.30-13.00  | (P) Pediatric Clinic -<br>Department of Intensive<br>Care Unit      |          |  | SM   |
| 22.1       | 13.30-14.15 | (L) Pediatric Advanced<br>Life Support and                          | On-site  | p 147-149 book 1, p 88-90<br>book 2                    | Prof. dr. sc. Joško Markić<br>(JM)           |

| Date | Time        | Title of Lectures (L) / Seminars (S) / Practicals (P) | Teaching | Literature                             | Lecturer |
|------|-------------|---|----------|--|----------|
|      |             | Cardiopulmonary<br>Resuscitation                      |          |  |          |
|      | 14.20-15.05 | (L) Shock   | On-site  | p 151-154 book 1, 91-96<br>book 2      | ML       |
|      | 15.30-16.15 | (L) Drowning and Burns                                | On-site  | p 157-160 book 1, p 105-<br>107 book 2 | ML       |
|      | 16.20-17.05 | (S) Pain management.<br>Sedation and Analgesia        | On-line  | p 165-166 book 1, p 75-76<br>book 2    | JM       |