“ ЗАТВЕРДЖЕНО”

на методичній нараді кафедри

дитячої хірургії протокол № 1

від 10 січня 2018 року

Зав. кафедрою дитячої хірургії

 професор \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ А.Ф. Левицький

**PEDIATRIC SURGERY**

**Theme plan of practical classes of module № 3, THE 5TH COURSE**

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| **№** | **Topic**  | **Extracurricular work of students** | **Lessons hours, duration of practical classes**  |
| **Practical**  | **Extracurricular** |
| 1 | **Lecture 1**Acute abdomen in children |  | 0830-0915 |  |
| **Lecture 2**Polytrauma in children |  | 0930–1015 |  |
| **Acute appendicitis in children.** Etiology, pathogenesis. Age peculiarities of clinical presentation. Diagnosis: Lab and imaging studies. Complications of acute appendicitis: abscess, peritonitis. Primary peritonitis, diverticulitis, mesoadenitis. Newborn peritonitis..  | Laparoscopy technick, laparocentes in children | 3 h1030 – 1300Break 15 min | 2,2 |
| 2 | **Lecture 3**Thoracic and abdominal trauma in children |  | 0830-0915 |  |
| **Lecture 4**Gastrointestinal bleeding in children |  | 0930–1015 |  |
| **Acquired ileus.** Postoperative bowel obstruction. Intussusception. Etiology, pathogenesis, clinical presentation, diagnostics, differential diagnosis with infectious diseases. Indications for conservative and surgical treatment, prevention of complications. Short gut syndrome. Principles of liver transplantation. **Acute scrotum.** Testicular torsion. Hydatid torsion. Acute hydrocoele. Torsion of the spermatic cord. Testicular trauma. Kidney and bladder trauma  | Rare forms of intussusception in children | 3 h.1030 – 1300Break 15 min | 2,2 |
| 3 | **Peculiarities of clinical presentations and differential diagnostics of gastro-intestinal haemorrhages in children** with haemorrhagic gastritis, portal hypertension, gastric ulcers, duodenal ulcers, stress ulcers, Meckel’s diverticulitis, intestinal polyps and polyposis (Peitz-Eggers diseases). |  | 5,5 h800 – 1238Break 30 min | 2,2 |
| 4 | **Polytrauma in children.** **Thoracic trauma**. Injuries of the oesophagus. **Blunt abdominal trauma**. Injuries of hollow and parenchymal organs, monitoring, conservative and surgical treatment.Testicular trauma. Kidney and bladder trauma. | Trauma prevention in treatment. Deontology in pediatric surgery  | 5,5 h800 – 1238Break 30 min | 2,2 |
| 5 | **Purulent infections of soft tissues in children.** Necrotic phlegmon of newborn, mastitis, omphalitis, lymphadenitis, adenophlegmon. Pararectal abscess (Paraproctitis). Etiology, pathogenesis, classification, diagnostics, treatment. Postoperative management**. Acute haematogenic osteomyelitis.** Ostomyelitis in newborn, atypical forms of osteomyelitis. Etiopathogenesis, clinical prtesentations, peculiarities of diagnostics, principles of treatment, prevention of complicaions. Clinical examination. BCG- osteitis. **Sepsis**. SOFA. Multiple organ dysfunction | Complications of purulent infections in children. Artroscopy.  | 5 h800 – 1215Break 30 min | 2,2 |
| 6 | **Peculiarities of pediatric oncology**: structure of malformations, main clinical syndromes, algorithm of examination. Benign and malignant tumors (hepatoblastomas, Williams’ tumor, neuroblastoma, lymphosarcoma, teratomas, dermoid cysts). Etiology, pathogenesis, clinical presentations, treatment principles. Vascular abnormalities: vascular tumors and vascular malformations**Final modul control**  | Complications of tumors in children. Emergency care in cardiovascular and respiratory failure | 5,5 h800 – 1238Break 30 min | 2,2 |
|  | **Total** |  | **34** | **11** |

**Note**. Classes are held at the specialized children hospital «OKHMATDYT», Chornovola str., 28/1

The maximum number of points for current educational activity of student – 120 (20 points х 6 topics)

Student is allowed to final modul control if he carry out the requirements of the curriculum program and the total points are at least 72 (6 topics x 12 points).

Marcs: ***“5”: 20-17 points, “4”: 16-14 points, “3”: 13-12 points; “2”: 11 and less*.**

**Final modul control:** The maximum number of points is 80, minimum points is 50.