**Schedule the subject: Neonatology for the 5th year of medical studies in 2024/2025**

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| Day 1 | Day 2 | Day 3 | Day 4 |
| **Newborn Physiology** | **Newborn Pathology** | **NICU** | **NLS** |
| Standards of perinatal care for healthy newborns  + EXAMINATION OF THE NEWBORN  Knowledge required for classes:  - Management after physiological delivery and after cesarean section;  - Apgar scale,  - Determination of acid-base balance from umbilical cord,  - Crede procedure,  - Vitamin K,  - Screening tests,  - Vaccinations  - Newborn care,  - Breastfeeding. | Knowledge required for classes:  - Neonatal jaundice,  - Congenital infections, TORCH,  - Serological conflict,  - SGA, LGA newborn  - Neonatal hypoglycemia  Perinatal hypoxia, HIE encephalopathy  Therapeutic hypothermia  Pulmonary hypertension  MAS = meconium aspiration syndrome, | PREMATURITY  Knowledge required for classes:  Definition of premature delivery  Risk factors for preterm birth;  Prenatal glucocorticosteroids;  Ballard scale  Specificity of systems in preterm newborns:  - respiratory system,  - circulatory system,  - urinary system,  - nervous system  Late prematurity;  Bronchopulmonary dysplasia  RDS = respiratory distress syndrome, surfactant supply  NEC = necrotizing enterocolitis  ROP = retinopathy of prematurity | Neonatal life suport  Knowledge required for the course:  - High-risk newborns;  - Treatment of a newborn immediately after birth;  - Techniques for ensuring airway patency; ventilation, chest compressions  - Drugs during resuscitation;  - Post-resuscitation care;  - Not attempting resuscitation;  - Cessation of resuscitation efforts.  \*classes conducted at the Medical Simulation Center |

*The student should be prepared for the given day of classes on the above topics. The student comes to classes in full medical scurbs. We kindly ask you to maintain appropriate hygiene rules: natural, short-cut nails, tied hair, no jewelry on your hands (rings, wedding rings, bracelets, watches) and to protect cuts, scratches, etc. with a waterproof dressing.*

*The cloakroom for students is located on level -1 of the building*