**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 NEWBORNKnowledge 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 hypoglycemiaPerinatal hypoxia, HIE encephalopathyTherapeutic hypothermiaPulmonary hypertensionMAS = meconium aspiration syndrome, | PREMATURITY Knowledge required for classes:Definition of premature deliveryRisk factors for preterm birth;Prenatal glucocorticosteroids;Ballard scaleSpecificity of systems in preterm newborns:- respiratory system,- circulatory system,- urinary system,- nervous systemLate prematurity;Bronchopulmonary dysplasiaRDS = respiratory distress syndrome, surfactant supplyNEC = necrotizing enterocolitisROP = 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*