

### NEONATOLOGY. Schedule for classes:

Day 1	Day 2	Day 3	Day 4	Day 5
<b>Standards of perinatal care for a healthy newborn</b>	<b>Newborn examination</b>	<b>Support for the adaptation period NLS</b>	<b>Prematurity</b>	<b>Detailed issues in the field of neonatology</b>
<p>Management of a newborn after physiological delivery;            Management of a newborn born by cesarean section;            Apgar scale,            Determination of acid-base balance from umbilical cord blood,            Crede treatment,            Vitamin K prophylaxis,            Screening tests,            Vaccinations before discharge from the ward,            Newborn care,            Natural feeding.</p>	<p>Specific neonatal medical interview and physical examination of newborn</p>	<p>High-risk neonates;            Management after birth;            Airway patency;            Ventilation            Oxygen therapy,            Pulse oximetry test,            Intubation;            Cardiovascular support (heart massage technique);            Medications during resuscitation;            NLS algorithm;            Post-resuscitation care;</p> <p>* classes conducted at the Medical Simulation Center</p>	<p>Definition of prematurity;            Prematurity as a clinical problem;            Preterm labor risk factors;            Prenatal glucocorticosteroids;            Ballard scale- maturity assessment;            Specificity of the systems of preterm newborns:            - respiratory system,            - the circulatory system,            - urinary tract,            - the nervous system            - late prematurity;            - retinopathy of premature babies            Bronchopulmonary dysplasia</p>	<p>Jaundice in the neonatal period;            Natural feeding;            Pulse oximetry test;            Delayed procedure, umbilical transfusion;            Newborn skin care            Vaccinations in premature babies            Surfactant in neonatology            Hypothermia            Sepsis in a newborn            Necrotizing enterocolitis            Congenital toxoplasmosis            Cytomegalovirus infection            RSV infections            PDA            Anemia in newborns            Non-invasive neonatal respiratory support (CPAP)            Screening of newborns for congenital diseases            Prevention of HIV infection in newborns            Sudden Death Syndrome (SIDS)</p>

The student should be prepared for a day of classes on the above issues. A student comes to classes in full medical clothes and shoes. Please keep the appropriate hygiene rules: natural, short-cut nails, tied hair, no jewelry on the hands (rings, rings, bracelets, watches) and protection of cuts, scratches). The cloakroom for students is located on level -1 of the building