



**Faculty of Medicine**

***Department XII: Obstetrics-Gynecology***

**University Clinic of Neonatology and Puericulture**

**Associate Professor, Position 43**

**Topics**

1. Term newborn – the morpho-functional aspects. The infant's intrauterine to extrauterine transition
2. High-risk newborns: premature newborn, newborn with RCIU, newborn with diabetic mother, newborn twins.
3. Respiratory pathology of the newborn: respiratory distress syndrome, meconium aspiration syndrome, neonatal pneumonia, prematurity apnea.
4. Cardiovascular pathology: congenital heart disease, neonatal shock, heart failure,
5. Acute infections in the neonatal period.
6. Metabolic disorders in the neonatal period.
7. Necrotic -ulcerative enterocolitis.
8. Perinatal hypoxic-ischemic encephalopathy
9. Neonatal seizures and peri / intraventricular hemorrhage

**Bibliography**

1. Gardner S, Carter B, Enzman Hines M, Hernández J. Merenstein and Gardner's Handbook of Neonatal Intensive Care, Eighth Edition. St. Louis, Missouri: Elsevier, 2015.
2. Polin R, Yoder M. Workbook in Practical Neonatology, Fifth Edition. Philadelphia: Elsevier Saunders, 2015.
3. Gomella Lacy T, Cunningham D, Eyal F, Tutele D. Neonatology, Management, Procedures, On-call Problems, Diseases and Drugs, 7<sup>th</sup> Edition. McGraw Hill Education, 2013.
4. Cloherty J, Eichenwald E, Hansen A, Stark A. Manual of Neonatal Care, Seventh Edition. Philadelphia: Lippincott Williams and Wilkins, 2012.
5. Donn S, Sinha S. Manual of Neonatal Respiratory Care, Third Edition. New York: Springer, 2012.
6. MacDonald M, Seshia M. Avery's Neonatology, Pathophysiology and Management of the Newborn, Seventh Edition. Philadelphia: Lippincott Williams and Wilkins, 2015.
7. Ilie C. Neonatologie – ghid practice. Editura Mirton, Timisoara 2007.