

NEONATOLOGY

Course Director: *Prof. Dr. Istvan Seri*

Second Semester

Credits: 2

Lessons: 28

Principles of patient care in the NICU
Resuscitation of the newborn
Neonatal respiratory pathology: Pathophysiology
Neonatal respiratory pathology: Diagnosis/Treatment
Neonatal shock: Diagnosis and treatment
Complications of severe prematurity: P/IVH & PVL
Perinatal asphyxia/Neonatal Follow-up
Congenital heart disease: Diagnosis and treatment
Surgical conditions of the neonate
Fluid-electrolyte & acid-base homeostasis
Neonatal imaging
Closing Session/Exam

Aim of the subject and its place in the curriculum: The Neonatology Elective course introduces basic information on neonatal physiology, pathophysiology and the diagnosis and clinical management of the most common neonatal conditions. The course deepens the knowledgebase of the students in pediatrics in general and neonatology in particular.

Competencies gained upon the successful completion of the subject: Recognition of the most common neonatal conditions based on clinical, laboratory and imaging information and gaining a basic knowledge on neonatal resuscitation.

Prerequisite(s) for admission to the subject: Ongoing enrollment in or completed session of the pediatric curriculum.

Minimum and maximum number of students registering for the course: 8-30

Requirement for acknowledging the semester (signature): Attendance of 60% of lectures.

Type of the examination: Multiple-choice written test exam at the end of the course.

Type and method of grading: Pass (60% of questions correctly answered) or fail (<60% of questions correctly answered) at the final exam.

Literature, i.e. printed, electronic and online notes, textbooks, tutorials (URL for online material): Uploaded presentation slides on the university website following the lectures.