

Neonatal Surgery Masterclass

This course will cover various aspects of surgery in newborn and premature infants. The essential areas will include assessment of the neonatal pathology with regards to diagnostics and decision making. Focus will also be on the examinations and investigations necessary for creating the management plan. In certain pathologies emergency care management principles will also be outlined. The course will go through the surgical procedures being employed and the outcomes of these procedures. Areas of application of minimal access surgery (laparoscopy and thoracoscopy) will be covered in the respective conditions. Postoperative care of the neonates in the various surgical conditions will be emphasized along with recommendations. The course content consists of lectures along with direct participant interaction. This course will focus on the management of neonates with the following neonatal surgical conditions:

- Abdominal wall defects (Gastroschisis and Exomphalus)
- Intestinal (duodenal) atresia and malrotation
- Esophageal atresia
- Congenital Diaphragmatic Hernia (CDH)
- Necrotizing enterocolitis (NEC)
- Anorectal malformations
- Hepatobiliary pathologies
- Congenital Pulmonary Airway malformations