

## 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 omphalocele)
- Anorectal malformations
- Congenital diaphragmatic hernia (CDH)
- Congenital pulmonary airway malformations
- Esophageal atresia
- Hepatobiliary pathologies
- Hirschsprung's disease
- Intestinal (duodenal) atresia and malrotation
- Necrotizing enterocolitis (NEC)

Course Coordinator: Amulya Saxena, MD, London  
Course Faculty: Arnaud Bonnard, MD, Paris  
Juan De Agustin, MD, Madrid  
Kristiina Kyrklund MD, Helsinki  
Stuart Hosie, MD, Munich

### Course Program

08:55-09:00	Introduction	Amulya Saxena
	<b>Session moderator: Kristiina Kyrklund</b>	
09:00-09:45	Abdominal wall defects	Kristiina Kyrklund/ Amulya Saxena
09:45-10:30	Esophageal atresia	Juan de Agustin
10:30-11:00	<i>Coffee Break</i>	
	<b>Session moderator: Juan de Agustin</b>	
11:00-11:45	Duodenal- jejuno- ileal- atresias and malrotation	Kristiina Kyrklund/ Amulya Saxena
11:45-12:30	Congenital diaphragmatic hernia	Juan de Agustin
12:30-13:30	<i>Lunch</i>	
	<b>Session moderator: Arnaud Bonnard</b>	
13:30-13:45	Choledochal cysts	Arnaud Bonnard
13:45-14:30	Necrotizing Enterocolitis	Stuart Hosie
14:30-15:00	<i>Coffee Break</i>	
	<b>Session moderator: Stuart Hosie</b>	
15:00-15:45	Pulmonary malformations	Arnaud Bonnard
15:45-16:30	Anorectal malformations and Hirschsprung's disease	Stuart Hosie
16:30-17:00	<i>Multiple choice question exam</i>	