MINIMALLY INVASIVE SURGERY

SEPTEMBER 7-9, 2015 (7TH EDITION)

FETAL AND NEONATAL ENDOSCOPIC SURGERY

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Inspired by the well-documented benefits of minimally invasive surgery (MIS) in adults and children, the XXI century started launching the advantages of MIS to newborns. Although new instruments and equipment are promoting these achievements, there is still a long journey in training before neonatal endoscopic surgery become safe and widespread. In this sequence, the 2013 MIS program from University of Minho proposes an advanced hands-on course in Fetal and Neonatal Endoscopic Surgery in order to provide its participants a theoretical update in the most recent developments in fetal and neonatal endoscopic surgery and, simultaneously, an extensive hands-on training to learn-doing in anesthetized experimental small animals using 3 mm instruments.

ACCREDIATION



PROGRAMME AT A GLANCE

SEPTEMBER 2015 MONDAY, 7

MORNING	Welcoming remarks
	Lecture 1: Newborn tolerance to laparoscopy, thoracoscopy and EXIT
	Lecture 2: Thoracoscopic repair of esophageal atresia
	Lecture 3: Management of pulmonary malformations
	Lecture 4: Thoracoscopic repair of congenital diaphragmatic hernia
	Lecvure 5: Laparoscopic pyloromyotomy
	Lecture 6: Laparoscopic resection of choledochal cysts
	Lecture 7: Laparoscopic approach of duodenal atresia
	Lecture 8: Laparoscopic Nissen Procedure
AFTERNOON	Hands-on Session I: Neonatal thoracic surgery
	Participants & Faculty Dinner

TUESDAY, 8

MORNING	Hands-on Session II: Neonatal abdominal surgery
AFTERNOON	Lecture 9: Laparoscopic pull-through for ARM and Hirschsprung's disease
	Lecture 10: Management of genito-urinary malformations
	Lecture 11: Laparoscopic surgery of solid tumors
	Lecture 12: EXIT procedures
	Lecture 13: Feto-endoscopy for CDH
	Lecture 14: Fetal surgery for myelomeningocele

WEDNESDAY, 9

MORNING	Hands-on Session III: Neonatal abdominal / thoracic surgery
AFTERNOON	Video Session: Short videos commented by the Faculty
	Hands-on Session IV: Neonatal abdominal / thoracic surgery