

# International Hands-On Course in Fetal and Neonatal Endoscopic Surgery

March 26-28, 2009

Life and Health Sciences Research Institute (ICVS), School of Health Sciences,  
University of Minho, Braga, Portugal

## SCOPE

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 2009 MIS program from University of Minho proposes a 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 mini-laparoscopy (3 mm) instruments.

## INTERNATIONAL INVITED FACULTY

**Alan W. Flake**, Children's Hospital of Philadelphia, Department of Surgery, Philadelphia, USA

**Holger Till**, University Hospital of Leipzig, Women's and Children's Hospital, Leipzig, Germany

**Jörg Fuchs**, Children's Hospital, University of Tuebingen, Tuebingen, Germany

**Munther Haddad**, Chelsea & Westminster Hospital, London, UK

**Steve S. Rothenberg**, The Rocky Mountain Hospital for Children, Denver, Colorado, USA

## PROGRAM

### THURSDAY, MARCH 26, 2009

#### Morning

Organizing committee welcoming

Lecture 1 : Principles of endoscopic neonatal surgery

Lecture 2 : Thoracoscopic repair of esophageal atresia

Lecture 3: Management of pulmonary malformations

Lecture 4: Thoracoscopic repair of congenital diaphragmatic hernia

#### Coffee Break

Lecture 5: Pyloric stenosis: umbilical vs laparoscopy

Lecture 6: Laparoscopy in neonatal inguinal hernia

Lecture 7: Laparoscopic approach of duodenal and jejuno-ileal atresias

Lecture 8: Malrotation and volvulus: role of laparoscopy

Video Session 1: Short videos commented by the Faculty

#### Lunch

#### Afternoon

Lab hands-on session I – Thoracic surgery

### FRIDAY, MARCH 27, 2009

#### Morning

Lab Hands-on Session II – Abdominal surgery

#### Afternoon

Lecture 9: Role of laparoscopy in management of NEC

Lecture 10: Laparoscopic pull-through for anorectal malformation and Hirschsprung's disease

Lecture 11: Biliary malformations: role of laparoscopy

Lecture 12: Laparoscopic Management of ovarian cysts and genitourinary malformations

#### Coffee Break

Lecture 13: Fetal surgery for myelomeningocele

Lecture 14: Feto-endoscopy for CDH

Lecture 15: EXIT procedures

Video Session 2: Short videos commented by the Faculty

#### Dinner

### SATURDAY, MARCH 28, 2009

#### Morning

Lab Hands-On Session III – Abdominal / Thoracic surgery

#### Lunch

#### Afternoon

Lecture 16: Robotics for Neonatal Surgery

Lecture 17: Natural Orifices Transluminal Endoscopic Surgery (NOTES): a role in neonates?

Lecture 18: The future in Neonatal Surgery

Closing remarks

**TARGET GROUP:** Pediatric Surgeons

**PARTICIPANTS:** Limited places are available

**FEES:** Until February 1<sup>st</sup> 2009: €800/participant

After February 1<sup>st</sup> 2009: €900/participant

**WEBSITE:** <http://www.icvs.uminho.pt/icvs/domains/pg/index.html>

**REGISTRATION:** [sec-pg@ecsaude.uminho.pt](mailto:sec-pg@ecsaude.uminho.pt)

**ORGANIZATION:** Jorge Correia-Pinto | Tiago Henriques-Coelho

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