



**4th Workshop of the European Club for Fetal Surgery**  
 Lough Eske Castle, Donegal, Ireland Wednesday 5<sup>th</sup> Sept – Friday 7<sup>th</sup> Sept 2018  
 Supported by MDI Medical and GE Healthcare

Day 1 - Wednesday 5 <sup>th</sup> September 2018	
<b>08.30</b>	<b>Registration</b>
<b>09.30</b>	<b>Welcome and Introductions</b> Dr Samina M. Dornan, Sidra Medical and Research Center, Doha, Qatar Dr Ueli Moehrlen, University Children's Hospital, Zurich
<b>SESSION 1 Topic: An Overview</b> Chairs: Dr Samina M. Dornan, Sidra Medical and Research Center, Doha, Qatar Dr Ueli Moehrlen, University Children's Hospital, Zurich	
<b>09.40</b>	<b>"From Toxic By-Product to Bleeding Heart"</b> Prof James Connor Dornan, Chair Fetal Medicine QUB & UU, Belfast
<b>10.10</b>	<b>The Hows, Whats and Whys of "The Fetal Therapy Center"</b> Dr Lori Howell, Children's Hospital of Philadelphia
<b>10.40</b>	<b>Setting Up a New MMC Fetal Surgery Center</b> Prof Greg Ryan, Head of MFM, University of Toronto, Canada Prof Anna David, MFM, University College London Hospitals
<b>11.10</b>	<b>Coffee and networking</b>
<b>SESSION 2 Topic: Open MMC repair</b> Chairs: Prof Dick Oepkes, Leiden University Medical Center Prof Greg Ryan, Head of MFM, University of Toronto, Canada	
<b>11.30</b>	<b>Fetal Myelomeningocele Repair in Review</b> Prof N. Scott Adzick, Children's Hospital of Philadelphia
<b>12.00</b>	<b>Zurich Update</b> Prof Martin Meuli, University Children's Hospital, Zurich
<b>12.30</b>	<b>MMC Case Presentation</b> Dr Samina Dornan, Sidra Medical and Research Center, Doha, Qatar

12.45	<b>Open Communications</b> Dr Agnieszka Pastuszka, Medical University of Silesia in Katowice Have we made a progress? Comparison of MMC prenatal treatment results in two consecutive periods.
13.00	<b>Lunch and networking</b>
<b>SESSION 3 Topic: Fetoscopic MMC Repair</b> <b>Chairs:</b> Prof N. Scott Adzick, Children's Hospital of Philadelphia Prof Martin Meuli, University Children's Hospital, Zurich	
14.00	<b>Spain</b> Prof. Elena Carreras. Hospital Universitari Vall d'Hebron. Universitat Autònoma de Barcelona, Catalonia, Spain
14.15	<b>USA</b> Prof Michael A. Belfort, Baylor College of Medicine and Texas Children's Hospital
14.45	<b>Open Panel Debate</b>
15.45	<b>Day 1 close</b>
19.00	<b>Drinks Reception and Gala Dinner</b>



**Day 2 - Thursday 6<sup>th</sup> September 2018**

**SESSION 4 Topic: Other Considerations**

Chairs: Prof Mark Johnson, Children's Hospital of Philadelphia  
 Dr Pranav Pandya, MFM, University College London Hospitals

<b>09.15</b>	<b>Prenatal Neurological Level of the Lesion</b> Prof. Elena Carreras. Hospital Universitari Vall d'Hebron, Universitat Autònoma de Barcelona, Catalonia, Spain.
<b>09.30</b>	<b>Maternal Complications Following Fetal Surgery</b> Prof Nicole Ochsenbein, Clinic of Obstetrics, University Hospital Zurich
<b>10.00</b>	<b>Open Communications</b> Dr Ladina Vonzun, University Hospital Zurich Hindbrain herniation, banana, and lemon sign after open fetal myelomeningocele repair – when do these signs disappear and is shunting predictable? Dr Agnieszka Pastuszka, Medical University of Silesia in Katowice Neurologic and neuro-muscular ultrasound comparison between prenatally and postnatally operated children with myelomeningocele
<b>10.30</b>	<b>Coffee and networking</b>

**SESSION 5 Topic: Variations and Standardisation**

Chairs: Prof Fergal Malone, MFM, The Rotunda Hospital, Dublin  
 Prof Roland Zimmermann, University Hospital Zurich

<b>11.00</b>	<b>Fetal Surgery for Spina Bifida Worldwide: The Current Status</b> Dr Adalina Sacco, Institute for Women's Health, University College London
<b>11.15</b>	<b>Inclusion / Exclusion Criteria</b> Prof Alan Flake, Children's Hospital of Philadelphia
<b>11.30</b>	<b>European Database: Is It Time for a EuFTNet?</b> Dr Ueli Moehrlen, University Children's Hospital, Zurich
<b>12.00</b>	<b>Neurologic and Development Outcome of the Zurich Cohort, from the Neonatal Period to Two Years of Age</b> Dr David Wille, University Children's Hospital, Zurich
<b>12.30</b>	<b>Open communications</b> Dr Agnieszka Pastuszka, Medical University of Silesia in Katowice The long-term effects of surgery in patients with myelomeningocele and their influence on the parameters of gait.
<b>12.45</b>	<b>Fetal tumor update (SCT, CPAM &amp; Fetal Neck Masses)</b> Prof Alan Flake, Children's Hospital of Philadelphia
<b>13.15</b>	<b>Lunch and networking</b>

**15.00 MEET FOR SURPRISE LOCAL ACTIVITY**

Day 3 - Friday 7 <sup>th</sup> September 2018	
09.30	<b>Business Meeting ECFS (Dr Ueli Moehrlen)</b> <b>ECFS 2019 – joint meeting with IFMSS?</b>
<b>SESSION 6 Topic: Non-MMC fetal surgery</b> <b>Chairs:</b> Prof Dick Oepkes, Leiden University Medical Center Prof Anna David, MFM, University College London Hospitals	
10.00	<b>LUTO: Where Do We Stand Now?</b> Prof Mark Johnson, Children's Hospital of Philadelphia
10.30	<b>MC Twins Trials</b> Prof Dick Oepkes, Leiden University Medical Center
11.00	<b>Coffee and networking</b>
11.30	<b>FETO Revisited – An Alternative Approach</b> Dr Emanuel Vlastos, Children's Mercy Hospital, Kansas City
12.00	<b>Sacroccygeal Teratoma: The Patient's Journey</b> Dr Caitriona Monaghan, Royal Maternity Hospital, Belfast Dr Samina M. Dornan, Sidra Medical and Research Center, Doha, Qatar
12.20	<b>Farewell and goodbye followed by lunch</b>





<b>Satellite course – Fetoscopy Course Friday 7<sup>th</sup> September 2018</b>	
<b>17.00</b>	<b>Registration</b>
<b>17.30</b>	<b>Welcome, goals and outline of the course</b>
<b>18.00</b>	<b>Pre-dinner drinks and introduction of instructors and participants</b>
<b>19.00</b>	<b>Course dinner</b>
<b>Saturday 8<sup>th</sup> September</b>	
<b>08.30</b>	<b>Welcome, Group assignment, Brief theoretical session</b>
<b>09.30</b>	<p><b>Hands-on simulator training workshops</b></p> <p>Workshop stations:</p> <ol style="list-style-type: none"> <li>1. Ultrasound evaluation in TTTS and selection site of insertion fetoscope</li> <li>2. Identification of anastomoses, including Solomon technique</li> <li>3. Laser coagulation of vascular anastomoses, posterior and anterior placenta</li> <li>4. Selection and use of fetoscopic equipment, cord coagulation techniques (laser, US guided bipolar forceps, Radio Frequency Ablation). Placental injection with colored dye</li> </ol>
<b>17.30</b>	<b>Interactive lecture: International collaboration, multicenter studies, quality control, telementoring</b>
<b>18.00</b>	<b>Course evaluation, certificates, drinks</b>
<p><i>This advanced fetal therapy course is aimed at experienced maternal-fetal medicine specialists and fetal surgeons, or those in training for this specialty. Due to our intensive interactive, hands-on teaching method, registration is restricted to 16 participants.</i></p> <p><i>Registration via <a href="http://www.fetalcareacademy.org">www.fetalcareacademy.org</a></i></p>	