

# EUROPEAN CLUB FOR FETAL SURGERY

## First Workshop “Open Fetal Surgery for Myelomeningocele”

January 14-16, 2015

<b>Wednesday, 14.01.2015</b>		<b>MAP DAY</b>
13:45 – 14:00	Opening	
14:00 – 14:30	N. Scott Adzick (USA): “A View from the Mountain Top: Alpine Perspectives on the 4 <sup>th</sup> Decade of Fetal Surgery”	
14:30 – 16:00	Session 1: “Myelomeningocele: Prenatal Diagnosis, Prenatal Counselling, and Current Management in different European Countries”	
16:00 – 16:30	Break	
16:30 – 18:00	Session 2: “Myelomeningocele: Prenatal Diagnosis, Prenatal Counselling, and Current Management in different European Countries”	
18:00 – 19:30	Leisure time	
19:30	Dinner “plus”	

<b>Thursday, 15.01.2015</b>		<b>WOMB DAY</b>
09:00 – 10:30	Session 3: “Diagnostic Workup, Patient Selection and Preoperative Management”	
10:30 – 11:00	Break	
11:00 – 12:25	Session 4: “Fetal Surgery”	
12:30 – 13:30	Lunch	
13:30 – 14:15	Session 5: “Postoperative Prenatal Outcome”	
14:15 – 14:45	Break	
14:45 – 16:00	Session 6: “Other Interesting Aspects”	
16:00 – 16:30	Break	
16:30	Outdoor event with dinner	

<b>Friday, 16.01.2015</b>		<b>BIRTH DAY</b>
09:00 – 10:15	Session 7: “Birth and Postnatal Outcome”	
10:15 – 10:45	Break	
10:45 – 12:00	Session 8: “closing panel discussion”	
12:00 – 13:00	Closing and “Departero”	

**Wednesday, 14.01.2015  
MAP DAY**

**Sessions 1 & 2**

**MYELOMENINGOCELE: PRENATAL DIAGNOSIS, PRENATAL COUNSELLING,  
AND CURRENT MANAGEMENT IN DIFFERENT EUROPEAN COUNTRIES**

Chairs: N. Scott Adzick (USA) / Martin Meuli (Switzerland)

<b>Nicole Ochsenbein / Ueli Moehrlen (Switzerland):</b> „Prenatal MMC management in Switzerland“	10 min + 3 min
<b>Karl-Philipp Gloning (Germany):</b> „Prenatal MMC: Diagnosis and treatment options in Germany“	10 min + 3 min
<b>Matthias Scheier (Austria):</b> “Myelomeningocele: Prenatal diagnosis, prenatal counselling, and current management in Austria”	10 min + 3 min
<b>Romain Favre (France):</b> „Epidemiology and Ultrasound screening of NTD in France“	10 min + 3 min
<b>Maria Pia Pisoni (Italy):</b> “Myelomeningocele: Prenatal diagnosis, prenatal counselling, and current management in Italy”	10 min + 3 min
<b>Ross Welch (UK):</b> “UK Practice“	10 min + 3 min
<b>Anton Mikhailov (Russia):</b> “Myelomeningocele: Prenatal diagnosis, prenatal counselling, and current management in Russia”	10 min + 3 min
<b>Janusz Bohosiewicz (Poland):</b> “Fetal surgery in Poland”	10 min + 3 min
<b>Peter Lindgren (Sweden):</b> “Current management of MMC in the Scandinavian countries“	10 min + 3 min
<b>Alex J. Eggink (The Netherlands):</b> “Referral for Fetal Therapy for Spina Bifida. The Dutch Way.”	10 min + 3 min
<b>Jan Deprest (Belgium):</b> “Myelomeningocele: Prenatal diagnosis, prenatal counselling, and current management in Belgium”	10 min + 3 min
<b>Ratko Matijevic (Croatia):</b> “Prenatal Diagnosis and Counselling on Myelomeningocele in Croatia”	10 min + 3 min
<b>Final Discussion</b>	15 min

Time: 90 min + 90 min

**Thursday, 15.01.2015  
WOMB DAY**

**Session 3**

**DIAGNOSTIC WORKUP, PATIENT SELECTION AND PREOPERATIVE MANAGEMENT**

Chairs: Alan Flake (USA) / Nicole Ochsenbein (Switzerland)

**Jan Deprest (Belgium):**

„Referrals for suspicion of spina bifida and for fetal surgery in Belgium“ 10 min + 3 min

**Anton Mikhailov (Russia):**

„Spinal neural tube defects:  
prenatal diagnosis, counselling, care and perspectives“ 10 min + 3 min

**Alan Flake (USA):**

„Diagnostic workup and preoperative management at CHOP“ 10 min + 3 min

**Roland Zimmermann (Switzerland):**

„Diagnostic Workup, Patient Selection and  
Preoperative Management – the Zurich Approach“ 10 min + 3 min

**Mateusz Zamlynski (Poland):**

“Pre-selection and qualification of the patients  
for prenatal myelomeningocele closure – Polish experience” 10 min + 3 min

**Klaudia Korecka (Poland):**

“Babies with myelomeningocele in Poland:  
parents attitudes on fetal surgery versus termination of pregnancy” 10 min + 3 min

**Final Discussion**

10 min

Time: 90 min

**Session 4**  
**FETAL SURGERY**

Chairs: N. Scott Adzick (USA) / Ueli Moehrlen (Switzerland)

**Alan Flake (USA):**

“Fetal surgery at CHOP” 10 min + 3 min

**Martin Meuli (Switzerland):**

“ ‘SOP’ Zurich and a few questions” 10 min + 3 min

**Peter Biro (Switzerland):**

“Anesthesia for MMC repair – a tightrope walk” 10 min + 3 min

**Jan Deprest (Belgium):**

“Fetal surgery in Leuven” 10 min + 3 min

**Anita Olejek (Poland):**

“Maternal-fetal surgical procedures for intrauterine myelomeningocele repair” 10 min + 3 min

**Final Discussion**

15 min

Time: 80 min

**Session 5**  
**POSTOPERATIVE PRENATAL OUTCOME**

Chairs: Romain Favre (France) / Roland Zimmermann (Switzerland)

**Alan Flake (USA):**

“Postoperative prenatal outcome at CHOP” 7 min + 3 min

**Jan Deprest (Belgium):**

“Postoperative feto-maternal outcomes”  
and prospective controlled study on perioperative tocolysis” 10 min + 3 min

**Katarzyna Olszak-Wasik (Poland):**

Postoperative care and outcomes of the patients that underwent IUMR” 7 min + 3 min

**Nicole Ochsenbein (Switzerland):**

“Postoperative prenatal outcome in Zurich” 7 min + 3 min

Time: 45 min

Session 6

**OTHER INTERESTING ASPECTS**

Chairs: Matthias Scheier (Austria) / Margaret Huesler (Switzerland)

**Luc Joyeux (Belgium):**

"Fetoscopic Repair of Myelomeningocele:  
Techniques, results and maternal-fetal outcomes" 10 min + 2 min

**Luca Mazzone (Switzerland):**

"Skingineering: Fetal tissue engineering" 4 min + 2 min

**Gloria Pelizzo (Italia):**

"Amniotic stem cells in myelomeningocele model.  
The cells reprogramming role." 4 min + 2 min

**Martin Meuli (Switzerland):**

"3-D-model" 4 min + 2 min

**Stanislav Ivanov (Russia):**

"Fetal ultrasound diagnosis and treatment of paralytic clubfoot  
in children with myelomeningocele." 4 min + 2 min

**Ibrahim Wesam (Toshiba European Headquarter):**

"Fusion with needle navigation – basics and potentials." 12 min

**Barbara Casanova (Switzerland):**

"Coordinator Fetal Surgery Program" 4 min + 2 min

**Martin Meuli (Switzerland):**

"Fetal Surgery" movie 12 min

Time: 70 min

**Friday, 16.01.2015  
BIRTH DAY**

**Session 7  
BIRTH AND POSTNATAL OUTCOME**

Chairs: Luca Mazzone (Switzerland) / Andrea Klein (Switzerland)

**Alan Flake (USA):**

“Birth and postnatal outcome at CHOP“ 10 min + 3 min

**Jan Deprest (Belgium):**

“Birth and postnatal outcome in Leuven“ 10 min + 3 min

**David Wille (Switzerland):**

“Neurological outcome in MMC patients after fetal surgery – results from the Zurich cohort.” 10 min + 3 min

**Janusz Bohosiewicz (Poland):**

“Influence of various preoperative parameters on the results of postnatal outcome.” 10 min + 3 min

**Agnieszka Pastuszka (Poland):**

“The final effect of prenatal operation on lower urinary tract function is as yet unknown.” 10 min + 3 min

**Final Discussion**

10 min

Time: 75 min

**Session 8  
CLOSING PANEL DISCUSSION: POSITION STATEMENT ON  
FETAL MYELOMENINGOCELE REPAIR and EUROPEAN REGISTRY**

Moderation: Martin Meuli (Switzerland)

**Scott Adzick (USA)**

**Matthias Scheier (Austria)**

**Peter Lindgren (Sweden)**

**Ross Welch (UK)**

**Maria Pia Pisoni (Italia)**

**Karl-Philipp Gloning (Germany)**

Time: 75 min