



**Polish Society  
of Perinatal Medicine**

**Polish Neonatal Society**

**in affiliation with  
the European Association  
of Perinatal Medicine  
and Fetus as a Patient**

**XI WINTER SCHOOL  
in  
PERINATAL MEDICINE**

**Mayrhofen, Austria  
March 20-25, 2011**



**INTERDISCIPLINARY  
ASPECTS OF  
PERINATAL MEDICINE**

## **Dear Friends,**

With pleasure we announce that the XITH Winter School in Perinatal Medicine is designed to take place in Mayrhofen, Austria, on 20-25 March 2011. The meeting carries on the idea which made the previous Winter Schools in Wisła and Zermatt successful and memorable. Our invitation is open to colleagues interested and working in the area of perinatal medicine and related specialities. The invited speakers and discussants represent world's best recognized perinatal centers.

The goal of this event is the presentation and interpretation of up-to-date interdisciplinary aspects of perinatal medicine. Working days of the meeting will last from 2.30 pm until late evening. Traditionally, in the mornings, we will continue our discussion on the beautiful slopes of the Upper Zillertal.

This time we invite you to Austria, to the Zillertal, the biggest valley branching off the Inn valley in Tyrol, drained by the river Ziller. Mayrhofen is a town located in the Upper Zillertal, approximately an hour from the Tyrolian capital city of Innsbruck. For skiers there are 157 km of piste for pure enjoyment and 46 modern lifts. Mayrhofen is situated near the Hintertux Glacier, which, at 3250 m above sea level, is above the snowline.

### **WELCOME**

**Grzegorz H. Bręborowicz  
Krzysztof Czajkowski  
Janusz Gadzinowski  
Saemundur Gudmundson  
Louis Keith  
Jerzy Szczapa  
Marta Szymankiewicz**

**Have a nice time at Mayrhofen!**

**P R O G R A M**  
**XI Winter School in Perinatal Medicine**  
**Mayrhofen, Austria: March 20-25, 2011**

**Interdisciplinary Aspects of Perinatal Medicine**

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**Sunday, 20 March 2011**

**15.00                    Opening of the school**

**Chairmen:** Grzegorz H. Bręborowicz, Janusz Gadzinowski

15.01 – 15.30        Saemundur Gudmundsson (Sweden) – The decision on delivery of the high-risk case before 30 weeks of gestation

15.30 – 16.00        Karel Marsal (Sweden) – Extremely preterm deliveries and infants

16.00 – 16.30        Manuel Carrapato (Portugal) – Lower limit of viability

16.30 – 17.00        Janusz Gadzinowski (Poland) – Access to intensive care for very preterm infants in Europe

17.00 – 17.30        Discussion

17.30 – 18.00        **Tea break**

**Chairmen:** Manuel Carrapato, Krzysztof Czajkowski

18.00 – 18.30        Arthur Eidelman (Israel) – Feeding the VLBW infant human milk: what is the risk of CMV infection

18.30 – 19.00        Mikko Hallman (Finland) – Dosage and time of antenatal steroid - to repeat or not to repeat?

19.00 – 19.30        Thurman Allen Merritt (USA) – Epigenetics of bronchopulmonary dysplasia

19.30 – 20.00        Discussion

**Monday, 21 March 2011**

**Chairmen:** Arthur Eidelman, Marta Szymankiewicz

15.00 – 15.30        Thurman Allen Merritt (USA) – Oxygen targetting in neonatal care

15.30 – 16.00        Mikko Hallman (Finland) – Should we give nitric oxide to small preterm

16.00 – 16.30        Jan Mazela (Poland) – Aerosol delivery to ventilated infants

16.30 – 17.00        Discussion

17.00 – 17.30        **Tea break**

- Chairmen:** Saemundur Gudmundsson, Jerzy Sikora
- 17.30 – 18.00 Karel Marsal (Sweden) – Safe use of diagnostic sonography in perinatal medicine
- 18.00 – 18.30 Pavel Calda (Czech Republic) – Is there place for prenatal invasive diagnostic procedure?
- 18.30 – 19.00 Saemundur Gudmundsson (Sweden) – Uterine artery Doppler screening at 11-13+6 weeks and prediction of pre-eclampsia later in pregnancy
- 19.00 – 19.30 Klaus Lucke (Germany) – Application of nanostructure device for the isolation of fetus cells from mother blood in prenatal diagnosis
- 19.30 – 19.45 Artur Czekierdowski (Poland) – Placental growth factor (PLGF) with PAPP-A and free beta hCG assessment in women between 11<sup>th</sup> and 14<sup>th</sup> weeks of gestation
- 19.45 – 20.00 Discussion

**Tuesday, 22 March 2011**

- Chairmen:** Pavel Calda, Per Olofsson
- 15.00 – 15.30 Christoph Brezinka (Austria) – “Wrongful life” and medical liability resulting from ultrasound screening in pregnancy in Europe
- 15.30 – 16.00 Christoph Brezinka (Austria) – When to use Doppler and when not in obstetrics?
- 16.00 – 16.30 Pavel Calda (Czech Republic) – Left ventricle fraction shortening - potential new ultrasound marker
- 16.30 – 16.45 Jan Wilczyński (Poland) – Congenital cytomegalovirus infection in pregnant women and their children
- 16.45 – 17.00 Dorota Nowakowska (Poland) – Estimation of the prevalence, incidence and the risk factors of the HCMV infections in pregnant women and their children - preliminary results
- 17.00 – 17.30 **Tea break**

- Chairmen:** Mikko Hallman, Sunil Sinha
- 17.30 – 18.00 Sunil Sinha (United Kingdom) – Volume targeted modes of ventilation: just a good idea or evidence based?
- 18.00 – 18.30 Sunil Sinha (United Kingdom) – CPAP, surfactant or intubation for early respiratory management: continuing dilemma

- 18.30 – 19.00 Maria Kornacka, Joanna Seliga-Siwiecka (Poland) – Neonatal outcome of preterm infants born to mothers with abnormal genital tract colonization and chorioamnionitis
- 19.00 – 19.15 Justyna Teliga-Czajkowska (Poland) – Interpretation of chosen hematological blood test in pregnant patients
- 19.15 – 19.30 Dorota Nowakowska (Poland) – Influence of the *Toxoplasma gondii* infection in Polish women on the risk of adverse neonatal outcome.
- 19.30 – 19.45 Mariola Krzyścin (Poland) – Cervical pregnancy – approaches in conservative therapy
- 19.45 – 20.00 Discussion

### **Wednesday, 23 March 2011**

- Chairmen:** Louis Keith, Elżbieta Ronin-Walknowska, Jan Wilczyński
- 15.00 – 15.30 Louis Keith (USA) – Post partum hemorrhages
- 15.30 – 16.00 Grzegorz H. Bręborowicz (Poland) – Prevention and conservative management of post partum hemorrhages
- 16.00 – 16.30 Per Olofsson (Sweden) – Aspects on determination of umbilical cord blood gases at birth
- 16.30 – 17.00 Ewa Romejko-Wolniewicz (Poland) – Obesity in pregnancy - risk for the future life
- 17.00 – 17.30 **Tea break**
- Chairmen:** Thurman Allen Merritt, Artur Czekierdowski
- 17.30 – 18.00 Louis Keith (USA) – The triplets - obstetrical point of view
- 18.00 – 18.30 Arthur Eidelman (Israel) – The triplet birth: an inevitable risk for infant development
- 18.30 – 19.00 Manuel Carrapato (Portugal) – Perinatal aspects of multiples
- 19.00 – 19.30 Andrzej Marszałek (Poland) – Do the twin placentas are different? - morphological aspects
- 19.30 – 19.45 Agata Szpera-Goździewicz (Poland) – Asphyxiating thoracic dystrophy in one of twins
- 19.45 – 20.00 Discussion

**Thursday. 24 march 2011**

- Chairmen:** Michał Błaszczyszki, Dariusz Wyrzykowski
- 15.00 – 15.30 Dariusz Patkowski (Poland) – Thoracoscopic and laparoscopic approach in newborn surgery - own experience.
- 15.30 – 16.00 Tomasz Koszutski (Poland) – Own experiences in prenatal surgery due to meningomyelocele
- 16.00 – 16.30 Tomasz Koszutski (Poland) – Prenatal diagnosis and fetal therapy in lower urinary tract obstruction.
- 16.30 – 17.00 Discussion
- 17.00 – 17.30 **Tea break**

- Chairmen:** Tomasz Koszutski, Dariusz Patkowski
- 17.30 – 18.00 Dariusz Wyrzykowski (Poland) – Congenital vascular anomalies in pre- and perinatal period of life - management and treatment options
- 18.00 – 18.30 Michał Błaszczyszki (Poland) – Application of decision rules in evaluation of clinically important acute abdominal symptoms and the results of surgical treatment of NEC and SIP in neonates
- 18.30 – 19.00 Michał Błaszczyszki (Poland) – Indications to use T - tube enterostomy in surgery of emergency cases in neonate
- 19.00 – 19.15 Rafał Kocyłowski (Poland) – Intrauterine therapy of diaphragmatic hernia
- 19.15 – 19.30 Aleksandra A. Adamczak (Poland) – Case of diaphragmatic hernia not diagnosed prenatally
- 19.30 – 19.45 Karolina Gruca-Stryjak, Mariola Krzyścin – Chorangioma of the placenta - case report
- 19.45 – 20.00 Discussion

## NOTES