

# THE SOCIETY FOR PEDIATRIC PATHOLOGY 2010 ANNUAL PERINATAL SYMPOSIUM

## Intrauterine Procedures: Clinical Repertoire and Pathologic Consequences

Banff, Alberta, Canada

Sunday, September 5, 2010

**Needs assessment:** Over the past 10 years there have been advances in the surgical intervention of fetal anomalies and multiple gestations. These procedures offer improved outcomes for pregnancies that may have previously resulted in severe fetal morbidity or fetal demise. At the same time, these therapeutic interventions introduce new pathologic processes that heretofore have not been encountered in pediatric pathology practice. This perinatal symposium reviews the type of procedures that are currently being performed in North America, their success rates, and the iatrogenic effects of these procedures on specimens that may eventually be evaluated by the pediatric pathologist.

Therefore, the Society for Pediatric Pathology is pleased to announce that it has secured leading experts in both clinical and basic sciences to deliver a multidisciplinary presentation on this complex topic on Sunday, September 5, 2010, from 1:00 pm – 5:00 pm at the Rimrock Resort Hotel in Banff, Alberta, Canada. The Symposium will be held in conjunction with this year's SPP Annual Fall Meeting and the Banff Pathology Course Lymph Node Pathology. The Perinatal Symposium agenda is attached.

**Objectives:** At the conclusion of this symposium participants will be able to:

1. Discuss the recent advances in intrauterine procedures for fetal anomalies.
2. Discuss the risks and benefits of these intrauterine procedures with respect to fetal morbidity and mortality.
3. Describe the ethics involved with the decision-making process as to whether intrauterine procedures are appropriate in specific cases.
4. Identify known pathologic lesions associated with intrauterine procedures.
5. Enumerate advances in *in utero* stem cell transplant research and potential future clinical applications.

**Accreditation:** The Society for Pediatric Pathology is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**AMA Designation Statement:** The Society for Pediatric Pathology designates this educational activity for a maximum of 3.5 *AMA PRA Category 1 Credits*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Disclosures:** In accordance with ACCME guidelines, all faculty and planners are required to complete disclosures. All faculty and planners have indicated that they and their spouses/partners have no significant or other relationship with a commercial company, entity or service (which would be discussed in this educational program) to disclose. The SPP has also required that the speakers disclose any products that are not labeled for the use under discussion and that the disclosure be made to the audience at the time of the symposium.

**Self-assessment Module Credits:** The Society for Pediatric Pathology is approved by the American Board of Pathology to offer Self-Assessment Module (SAMs) credits. The Perinatal Symposium lectures, on intrauterine procedures, are offered for 3.5 hours of SAM credits. One SAM examination will be given to cover all the lectures.

Advance registration is strongly encouraged. However, on-site registration will also be available. Handouts will be distributed to each participant as an electronic submission on a flash drive or available for download from the Univ. of Calgary website.

**Please note:** A business meeting of the Perinatal Section, open to all interested SPP members, will be held Sunday, September 5, 2010, immediately after the symposium from 5:00-6:00 pm at the Rimrock Resort Hotel (room TBA).

Questions? Contact Philip J. Katzman, MD, Symposium Director, Department of Pathology and Laboratory Medicine, University of Rochester Medical Center, Box 626, 601 Elmwood Ave, Rochester, NY, 14618, USA; 585-273-4091 (Fax 585-273-3637) e-mail: [philip\\_katzman@urmc.rochester.edu](mailto:philip_katzman@urmc.rochester.edu).

**Perinatal Section Symposium, Society for Pediatric Pathology**  
**Intrauterine Procedures: Clinical Repertoire and Pathologic Consequences**  
**Banff, Alberta, Canada**  
**Sunday, September 5, 2010**  
**1:00 – 5:00 pm**

**SYMPOSIUM AGENDA**

- 1:00 - 1:05 pm **Introduction** Philip J. Katzman, MD, Moderator, University of Rochester Medical Center, Rochester, NY
- 1:05 – 1:30 pm **Placental Anatomy and Pathology of Twin Gestation**  
**Geoff A. Machin, MD**, Emeritus Professor of Pediatric Pathology, University of Alberta, Edmonton, Alberta, Canada; Locum fetal/placental pathologist, Mount Sinai Hospital, Toronto, Ontario, Canada; Part-time Clinical Professor, University of Toronto, Toronto, Ontario, Canada
- 1:30 – 2:00 pm **Intrauterine Fetal Treatment, Part 1, Twinning**  
**R. Douglas Wilson, MD**, Professor & Head, Department of Obstetrics & Gynecology, Faculty of Medicine, University of Calgary/Alberta Health Services, Calgary Health Region; Foothills Medical Centre, Calgary, Alberta, Canada
- 2:00 – 2:30 pm **Intrauterine Fetal Treatment Part 2, Congenital Diaphragmatic Hernia and Congenital Cystic Airway Malformation**  
**R. Douglas Wilson, MD**
- 2:30 – 2:45 pm **Coffee Break**
- 2:45 – 3:15 pm **Pathology of Fetal Surgical Intervention for Select Malformations and Tumors**  
**Amy Hereema-McKenney, MD**, Clinical Assistant Professor, Department of Pathology, Stanford University Medical Center, Director of Perinatal Pathology
- 3:15 – 3:45 pm **Intrauterine Fetal Treatment Part 3, Lower Urinary Tract Obstruction and Myelomeningocele**  
**R. Douglas Wilson, MD**
- 3:45 – 4:00 pm **Coffee Break**
- 4:00 – 4:30 pm **Basic Science: *In Utero* Stem Cell Transplantation**  
**Alan W. Flake, MD**, Professor of Surgery and Obstetrics and Gynecology, University of Pennsylvania; Director of the Center for Fetal Research (2006), Stokes Research Institute, Abramson Pediatric Research Center
- 4:30-5:00 pm Speaker panel available for questions
- 5:00 pm **Adjournment**