<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>16h00</td>
<td>Registration</td>
</tr>
<tr>
<td>19h00</td>
<td>Cocktail at Hotel Tropical</td>
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<tr>
<td>19h30</td>
<td>Show: “Grupo Umbauba” at Hotel Tropical</td>
</tr>
<tr>
<td>20h30</td>
<td>Dinner at Hotel Tropical</td>
</tr>
</tbody>
</table>
1. Outcome prediction in monochorionic diamniotic twin pregnancies presenting with discordant amniotic fluid and not fulfilling the criteria of TTTS.

   *Jan Deprest*

2. Clinical outcome in neonates with twin anaemia-polycythemia sequence

   *Enrico Lopriore*

3. Haematological characteristics in neonates with twin anaemia-polycythemia sequence

   *Enrico Lopriore*

4. The Solomon Trial

   *Dick Oepkes*

5. Quality Control: application of the CUSUM method for laser surgery in TTTS

   *Dick Oepkes*
6. Cardiac function of recipient fetus in TTTS before and after laser therapy.
   
   Romain Favre

7. Classification of Monochorionic Twins Referred for Twin-Twin Transfusion Syndrome
   
   Larry Rand

8. Diastolic Cardiac Pathology in Pregnancies Being Evaluated For Possible Twin-Twin Transfusion Syndrome
   
   Larry Rand

   
   Larry Rand

10. Is there a learning curve for TTTS laser after a new fetoscopist joins the team?
    
    Bettina Paek

11. Potential benefits of maternal sedation for fetoscopy using dexmedetomidine – initial experience in Brazil
    
    Denise Araújo Lapa Pedreira

12. Minimally invasive procedures during pregnancy – Preliminary results in a single university center
    
    Cleisson Fábio Andrioli Peralta

16h00 - 16h30 Coffee & Tea Break
Group Picture for Delegates

   *Jose F. Vuletin*

2. Correlation of clinical outcomes of TTTS treated with laser therapy with post natal placental examination.

   *Romain Favre*

3. Neurologic outcomes after radio frequency ablation of an anomalous twin

   *Shinjiro Hirose*

4. Management of twin reversed arterial perfusion sequence when the acardiac twin is less than 50% the size of the pump twin

   *Shinjiro Hirose*

5. Intracranial abnormalities visualized on fetal imaging in a surviving monochorionic co-twin following a fetal ablation procedure

   *Larry Rand*
6. Monochorionic twin pregnancy outcomes: Impact of arterio-arterial and veno-venous anastomoses
   Larry Rand

7. Monochorionic twin pregnancy outcomes: Impact of cord insertion sites
   Larry Rand

8. Birth weight prediction by two- and three-dimensional ultrasound
   Cleisson Fábio Andrioli Peralta

9. Fetal thigh volumetry by three-dimensional ultrasound: comparison between multiplanar and VOCAL™ techniques
   Cleisson Fábio Andrioli Peralta

10. Pilot study of ear measurement with 3_D ultrasound
    Norman Ginsberg

11. Fetal diagnosis of penoscrotal tranposition associated with perineal lipoma in one twin.
    Yasushi Nakamura

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<tr>
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<tbody>
<tr>
<td>19h00</td>
<td>Dinner: Ariaú Restaurant</td>
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<tr>
<td>20h30</td>
<td>Alligator Spotting</td>
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</tbody>
</table>
07h00 - 12h30    Scientific Activities

07h00 - 08h00    Editorial Board Meeting Fetal Diagnosis and Therapy (Members only)

08h00 - 10h00    Session C - “Neural Tube Defects”

Moderated by: Michael Harrison & Mark Johnson

1. Management of Myelomeningocele Study (MOMS) Trial Update  
   Diana Lee Farmer

2. Congenital Obstructive Uropathy Impacts Matrix Metalloproteinase Activity in Fetal Urine  
   Dario Fauza

3. Delayed Apoptosis of the Meatus (DAM): Etiology of Megalourethra and Prune Belly Syndrome  
   Michael R. Harrison

4. Preschool Neurodevelopmental Outcome Of Children Following Fetal Myelomeningocele Closure  
   Mark Johnson

5. The use of an artificial skin in fetal sheep: unexpected new skin formation and its possible impact on the prenatal correction of meningomyelocele  
   Denise Araújo Lapa Pedreira
6. Modification of the gasless fetoscopy technique for the treatment of “large” lumbar skin defects in the fetal sheep.  
   Denise Araújo Lapa Pedreira

7. New gentle open fetal surgery with patch and sealant for human spina bifida  
   Jose L. Peiró

   Gloria Pelizzo

9. Is there a higher risk of uterine rupture in women with open fetal surgery and previous cesarean section?  
   Gloria Pelizzo

10. Spinal cord lesion in human fetus with myelomeningocele.  
    Gloria Pelizzo

11. Significance of Ischaemic Effects in an Ovine Model of Obstructive Uropathy  
    Kevin Pringle

12. Array-CGH evaluation of fetuses with holoprosencephaly revealed common genomic anomalies  
    Isabela Machado

13. The Anencephalic Fetus as a Potential Organ Donor  
    Oluyinka Olutoye

10h00 - 10h30 Coffee & Tea Break
10h30 - 12h30  Session D - “Lungs & Abdomen”

_Moderated by : Jean-Martin Laberge & Kevin Pringle_

1. European experience with isolated diaphragmatic hernia treated by fetal endoscopic tracheal occlusion (FETO)
   _Jan Deprest_

2. Prenatal biochemical diagnosis of urodigestive fistula and cloaca
   _Françoise Müller_

3. Amniotic Fluid biochemistry in severe polyhydramnios
   _Françoise Müller_

4. Early in vitro TO increases airway branching in fetal lung explants from the nitrofen rat model of congenital diaphragmatic hernia.
   _Jeremy Grushka_

5. Flow of patients with isolated congenital diaphragmatic hernia following referral to a fetal surgery unit.
   _Jan Deprest_

6. Maternal hyperoxygenation test in fetuses treated prenatally for severe isolated congenital diaphragmatic hernia
   _Jan Deprest_

7. Total Trials for moderate and severe pulmonary hypoplasia caused by isolated congenital diaphragmatic hernia – 9 months after kick off.
   _Jan Deprest_

8. Elective preterm delivery in gastroschisis: “seek, compare and if you find something better, just do it”.
   _Jose L. Peiró_

9. Raman analysis in lung malformations. A new perspective in fetal research?
   _Gloria Pelizzo_

10. Increased _in vitro_ contractile response of the bowel to methacholine in an experimental model of gastroschisis
    _Lourenço Sbragia_
11. Hystological evaluation of the trachea after tracheal occlusion in rat fetuses
   *Lourenço Sbragia*

12. Immunohistochemical expression of VEGFR-1 (Flt-1) and VEGFR-2 (Flk-1) in CDH rat model induced by nitrofen.
   *Lourenço Sbragia*

13. Minimally invasive procedures during pregnancy – Preliminary results in a single university center
   *Cleisson Fábio Andrioli Peralta*

   *Jose F. Vuletin*

15. Contemporary Management of CCAM: The UCSF experience
   *Shinjiro Hirose*

16. Percutaneous Fetal Tracheal Occlusion for Severe Congenital Diaphragmatic Hernia (CDH): Initial Experience
   *Shinjiro Hirose*

17. Prenatal Intra Abdominal Bowel Dilation is Associated with Postnatal Gastrointestinal Complications in Fetuses with Gastrochisis
   *Shinjiro Hirose*

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<tr>
<td>13h00</td>
<td>Lunch Time: Ariaú Restaurant</td>
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<tr>
<td>14h15</td>
<td>Group Picture for Delegates and Accompanying Persons</td>
</tr>
<tr>
<td>15h00</td>
<td>Social Activity</td>
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<tr>
<td>19h30</td>
<td>Transfer to the Beach’s Luau (by Fast Boat)</td>
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<tr>
<td>20h00</td>
<td>Dinner: “Full Moon Luau”</td>
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</table>
1. Stable expression of alloantigens during rapid expansion of human amniotic mesenchymal stem cells \textit{in vitro}: implications for heterologous therapies

\underline{Dario Fauza}

2. Sternal replacement with bone grafts engineered from amniotic mesenchymal stem cells: a feasibility study

\underline{Dario Fauza}

3. Early Intrauterine Transfusion or IVIG?

\underline{Dick Oepkes}

4. Intrauterine Reconstruction Of Cleft Lip-Like Defects By Autogenous Fetal Bone Transplantation And The Rotation-Advancement Flap Technique

\underline{Nikolaos A. Papadopulos}

5. Quality Control: application of the CUSUM method for intrauterine transfusions

\underline{Dick Oepkes}
6. Chorioamnion separation (cas) as a risk factor for preterm premature rupture of membrane (pprom) after photocoagulation in twin-twin transfusion syndrome (ttts)

*Ramesha Papanna*

7. Endoscopic laser coagulation following amnioreduction for the management of a large placental chorioangioma

*Ramesha Papanna*

8. Distribution of fibroblast growth factor receptor type 2 in fetal membranes - insight into the molecular basis for the non-healing nature of amnion/chorion

*Ramesha Papanna*


*Dick Oepkes*

10h00 - 10h30 Coffee & Tea Break
1. Down syndrome maternal serum screening in patients with renal disease
   *Alexandra Benachi*

2. The Five Percent Solution: A Beginning
   *Eugene Pergament*

3. The United Screening Approach (USA): Comprehensive Risk Assessment for All Chromosome Abnormalities
   *Eugene Pergament*

4. Is there still a future for free fetal DNA/RNA for aneuploidy?
   *Mark I. Evans*

5. Impact of poor NT performance on sensitivity for aneuploidy
   *Mark I. Evans*

6. The Maternal Immune Response to In Utero Hematopoietic Stem Cell Transplantation
   *Tippi C. MacKenzie*

7. Poly(n-isopropylacrylamide)-co-poly(acrylic acid) (pnipam-co-paa) as a potential sealant for iatrogenic defects of the fetal membranes after fetoscopic procedures
   *Lovepreet K Mann*
7. Poly(n-isopropylacrylamide)-co-poly(acrylic acid) (pnipam-co-paa) as a potential sealant for iatrogenic defects of the fetal membranes after fetoscopic procedures
   *Lovepreet K Mann*

8. Non-invasive detection of fetal chromosomal abnormalities associated with congenital heart defects
   *Michael Edward Mitchell*

9. Chromosome polymorphism association in couples with the subfertility phenotype and fetuses and neonates with congenital defects
   *Ricardo Barini*

10. Expression of IRS-1, IRS-2, IGF-Rβ and IR-β in uterine growth restriction in experimental uterine artery ligation
    *Lourenço Sbragia*

11. Special anesthetic considerations for challenging patients requiring the EXIT procedure
    *Olutoyin Olutoye*

12. Factors in Maternal Mortality in the Middle East
    *Shara M. Evans*

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<td>Social Activity</td>
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<tr>
<td>20h30</td>
<td>Dinner : “Gala Dinner”</td>
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<td>Time</td>
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<tr>
<td>07h00 - 08h00</td>
<td>Editorial Board Meeting Fetal Diagnosis and Therapy ( Members only )</td>
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<tr>
<td>08h00 - 09h00</td>
<td>Business Meeting IFMSS</td>
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<tr>
<td>08h30 - 10h00</td>
<td>Scientific Activity ( if necessary )</td>
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<tr>
<td>11h30</td>
<td>Meeting Adjourned</td>
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<tr>
<td>11h30</td>
<td>Ariaú Restaurant : “Brazilian’s Feijoada”</td>
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<tr>
<td>13h00</td>
<td>Departure / Transfer to Hotel Tropical &amp; Airport</td>
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</tbody>
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Conference Contacts

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