Monday, April 30, 2007

06.30-07.30 Editorial board meeting Fetal Diagnosis & Therapy (members only)
07.30-09.30 “Twins”
   Moderated by J. Deprest & F. Vandenbussche

1. A prospective randomized multicenter trial of amnioreduction versus selective fetoscopic laser photocoagulation for the treatment of severe twin-twin transfusion syndrome
   F Lim

2. Fetoscopic separation of minimally conjoined twins
   F Lim

3. * Antenatal transfusional brain injury after single intrauterine death in monochorionic pregnancy is reduced but not prevented by vascular occlusion
   K O’Donoghue

4. * High rate of non-progression in stage I twin-twin transfusion syndrome
   K O’Donoghue

5. * Amniotic fluid index and hypotension after induction of anesthesia for fetal surgery
   KM Tran

6. Congenital limb ischemia in monochorionic twins with and without twin-to-twin transfusion syndrome
   E Lopriore

7. Management of reverse / recumangement of reverse / ongoing / recurrence of twin to twin transfusion syndrome (TTTS) after treatment by selective laser ablation of anastomoses (SLAA): Is non-intervention another reasonable management option?
   JS Smoleniec

8. The natural history of monochorionic twins & the role of prenatal ultrasound scan
   L Lewi

9. Placental sharing, birth weight discordance and vascular anastomoses in monochorionic diamniotic twin placentas
   L Lewi

    RF Romain Favre

11. Monoamniotic twins discordant for major fetal anomaly: is expectant management still an option?
    LL Simpson

12. Neither acute reduction in amniotic fluid volume or complex invasive procedures alter cervical length in complicated monochorionic twin pregnancies
    N Engineer

09.30 Group picture
09.30-10.00 Coffee / tea break
10.00-12.00 “Twins” (continued)
   Moderated by N. Fisk & K. Blakemore
   F Lim

14. Perinatal outcome of umbilical cord radiofrequency ablation for Twin Reversed Arterial Perfusion (TRAP) sequence
   F Lim

15. RFA vs cord coagulation in complex monochorionic pregnancies
   MW Bebbington

16. The CHOP cardiac score for TTTS: effect of treatment with laser ablation
   MW Bebbington

17. Survival after laser surgery for TTTS: When are they out of the woods?
   C. Muratore

18. Measurement of blood flow through a single placental arterio-venous anastomosis in a monochorionic twin pregnancy
   FPHA Vandenbussche

19. * ICG fluoroscopy for the visualization of the placental vascular network – a feasibility study
   K Harada

20. Modeling acardiac twins
    MJC van Gemert

21. Acardiac twin circulation
    MJC van Gemert

22. Twin-twin transfusion syndrome without arteriovenous anastomoses
    MJC van Gemert

23. * Composite-type optical fiberscope for laser surgery for twin–to-twin transfusion syndrome (TTTS)
    H Yamashita

“Intra uterine transfusion”
Moderated by K. Moise & W. Holzgreve

24. * Fetal blood volume is not related with severity of hemolytic anemia or with umbilical venous flow velocity in anemia.
    SA Pasman

25. * Fluid loss during intrauterine transfusion
    SA Pasman

26. Neurodevelopmental impact of in utero fetal exposure to fentanyl and isoflurane
    R Brusseau

12.00-13.00    Lunch break

13.00-14.30    “Intra uterine transfusion” (continued)
    Moderated by K. Moise & W. Holzgreve
27. The use of intraperitoneal alfentanil and cisatracurarine for fetal analgesia and neuromuscular blockade during intrauterine procedures.
   P Conner

   IL van Kamp

29. Non-invasive prenatal diagnosis of fetal Kell group (KEL 1) from maternal plasma
   W Holzgreve

“Abdomen”
Moderated by A. Johnson & D. Skupski

30. A case report of mirror syndrome: a novel approach to therapy with fetal peritoneal-amniotic shunt
   F Lim

31. Antenatal biochemical expression of cystinuria
   FM Muller

32. Clinical significance of non-visualized fetal gall-bladder
   FM Muller

33. CAPSNET: A population-based pediatric surgical network and database for analyzing incidence, treatment and outcome of surgical birth defects: the first 90 cases of gastoschisis
   JM Laberge

34. * CAPSNET: A population-based pediatric surgical network and database for analyzing incidence, treatment and outcomes of surgical birth defects: ultrasound predictors of outcome in antenatally diagnosed gastoschisis
   TL Pressey

35. * Molecular markers of intestinal dysmotility in a rabbit model of gastoschisis
   JT Stephenson

14.30-15.00 Tea break

15.00-16.30 “Abdomen” (continued)
   Moderated by M. Harrison & L. Lewi

36. In utero coverage of bladder extrophy with a collagen biomatrix in fetal sheep
   PP van den Berg

37. Coverage of the eviscerated bowel in an experimental gastoschisis in fetal sheep with a collagen biomatrix
   PP van den Berg

38. Fetal obstructive uropathy: is urine sampling useful for prenatal counselling?
   V Bunduki

   RF Favre

40. “Posterior Urethral Valves”. A cautionary tale
   K Pringle

41. Massive vesico-ureteric reflux in neonatal boys: is this a minimalist version of Prune-Belly syndrome?
   K Pringle
42. Sacrococcygeal teratoma: prenatal surveillance, growth and pregnancy outcomes in 52 Cases
   MP Johnson

43. * Miniature forceps manipulator for intrauterine fetal surgery: mechanical performance evaluation
   H Yamashita

44. Yet another non predictor in the evaluation of fetuses with lower urinary tract obstruction: fetal serum β-2-
    microglobulin before and after bladder shunting
   U Nicolini

   Electronic patient database: an introduction to the sunset tour
   FJ Klumper
Tuesday, May 1st

06.30-07.30  Board meeting IFMSS (members only)

07.30-09.30  “Lungs”
Moderated by K. Pringle & J. Laberge

1.  Approaching 100% survival in high risk CHD: implications for fetal interventions.
EY Yang

2.  Fetal hydrops and hydrothorax due to pulmonary sequestration: no shunting needed with laser treatment
FJ Klumper

3.  * Laser ablation of the abnormal vessel in a hydropic fetus with pulmonary sequestration
R Ruano

4.  * Four-dimensional ultrasound guidance of fetal tracheal occlusion in congenital diaphragmatic hernia
R Ruano

5.  * Predicting perinatal outcome using fetal pulmonary artery diameters in isolated congenital diaphragmatic hernia
R Ruano

6.  * Predicting perinatal outcome using different fetal lung measurements in isolated congenital diaphragmatic hernia
R Ruano

7.  Fetoscopic endoluminal tracheal occlusion - proposal for two clinical studies
J Deprest

8.  Maternal hyperoxygenation test as a predictor of neonatal outcome in fetuses with congenital diaphragmatic hernia
J Deprest

9.  Observed to expected lung area to head circumference ratio in the prediction of survival in fetuses with isolated diaphragmatic hernia
J Deprest

10. Giant fetal rhabdomyoma: The rare case requiring EXIT – ECMO
G Mychaliska

11. Main bronchus occlusion for treatment of congenital diaphragmatic hernia in fetal lambs
JM Biard

12. Maturation of lung surfactant is not delayed in human fetuses with congenital diaphragmatic hernia (CDH).
A Benachi

13. * Pulmonary artery muscularization is reduced by fetal glucocorticoids (FG) in lambs with diaphragmatic hernia (DH) following tracheal occlusion (TO).
MG Davey

09.30-10.00  Coffee / tea break

10.00-12.00  “Lungs” (continued)
Moderated by S. Papapoulos & G. Ryan
   A Eggink

   J Deprest

16. Randomized trial comparing neonatal survival following expectant management versus amnioinfusion in
    PPROM <25 wks with oligohydramnios.
   J Deprest

17. Three cases of 2nd trimester prenatal diagnosis of CHAOS due to laryngeal atresia: different natural
    histories, difficulties for prenatal counselling
   L Otano

“Head and Spine”
Moderated by S. Papapoulos & G. Ryan

18. Intrauterine maxillary reconstruction of cleft-like defects in the mid-gestational sheep model by
    gingivoperiosteoplasty
   NA Papadopoulos.

19. Isolated fetal cerebral ventriculomegaly: correlation of the atrium diameter with postnatal prognosis
    V Bunduki

20. Lower extremity neuromotor function and ambulatory potential following fetal and neonatal MMC repair
    MP Johnson

21. Management of Myelomeningocele Study (MOMS): Update
    EY Yang

12.00-13.00 Lunch break

13.00-14.30 “Progenitor Cells”
Moderated by D. Fauza & T. Bui

22. A novel ex vivo model for development of closure techniques for ruptured fetal membranes
    AS Mallik

23. A study to determine the effect of the ABO blood group on the ex-vivo expansion of umbilical cord CD34+
    cells
    JSF Santolaya

24. Development of primate embryonic stem cell-derived hematoendothelial progenitors for prenatal allogeneic
    transplantation.
    A Shaaban

25. * Donor MHC class I expression regulates the fetal NK cell immune response in prenatal transplantation
    E Durkin

26. European program on Soft Tissue Engineering for Children
    PP van den Berg

27. * Microchimeric fetal cells contribute to maternal tissue repair after pregnancy
    K O’Donoghue
28. Intrauterine transplantation of first-trimester fetal mesenchymal stem cells rescues osteogenesis imperfecta phenotype
   N Fisk

29. Fetal stem cells for fetal transplantation
   M Westgren

30. * Mechanisms for trans-endothelial migration of human fetal mesenchymal stem cells
    J Chan

31. * Mid-gestation endothelial progenitor cells are found within the fetal liver and circulates in fetal blood in high frequencies
    J Chan

14.30-15.00 Tea break

15.00-17.00 “Progenitor Cells” (continued)
Moderated by M. Westgren & C. Jörgensen

32. A comparison of cartilaginous constructs engineered from amniotic-, bone marrow-, and umbilical cord blood-derived mesenchymal progenitor cells
   DO Fauza

33. The impact of cell source on the phenotype and ex vivo expansion kinetics of perinatal mesenchymal progenitor cells: implications for cell-based therapies
   DO Fauza

34. Initial steps towards regulatory validation of clinical trials of mesenchymal amniocyte-based fetal tissue engineering
   DO Fauza

35. Fetal artery healing: differences in endothelial cell proliferation and chemokine expression may explain lack of inflammation and scarring
   DL Cass

“Prenatal Diagnosis”
Moderated by M. Evans & P. van den Berg

36. Decreased prenatal detection of Down syndrome and increased incidence of Down syndrome births associated with application of 1st and second trimester screening and genetic sonogram for RISK REDUCTION in advanced maternal age patients.
   GPH Henry

37. Fetal hydronephrosis; prevalence, natural history and postnatal consequences
   S Ek

38. Fetal outcome following primary CMV infection
   S Lipitz

39. Fetal CMV infection with negative maternal IgM; a case report
   K Adam

40. Genetic Ultrasound: 99% detection rate for trisomies 13, 18 and 21
   GRD DeVore
41. Is the prevalence of second trimester findings in Down Syndrome fetuses independent from the measurement of the nuchal translucency in the first trimester?  
V Bunduki.

42. Live born Down Syndrome is increasing as invasive testing decreases.  
N Ginsberg

43. Medical genetics in fetal medicine: a paradigm for level II centers  
M Michelson

44. Negative predictive value of maternal serum markers for Down syndrome screening in patients ages 38 years and over  
FM Muller

45. Non-invasive prenatal diagnosis of HbBarts Thalassaemia  
M Choolani
Wednesday, May 2nd

07.30-08.30 Business meeting

08.30-09.30 “The internet and multicenter studies”
Moderated by U. Nicolini & F. Luks

1. Eurofetus: an update
   J Deprest

2. Interactive web portal for fetal therapy
   M Harrison

3. Nafnet: an update
   M Johnson

4. The SAFE Triobank: implementing non-invasive prenatal diagnosis
   TH Bui

“Prenatal Diagnosis” (continued)
Moderated by U. Nicolini & F. Luks

5. Rapid aneuploidy detection methods and role of microarray-based comparative genomic hybridization in prenatal diagnosis
   TH Bui

6. Persistent cloaca: a 10 year review of prenatal diagnosis
   F Lim

7. Vitamin K embryopathy post-maternal gastric bypass: a case of fetal rhizomelic chondrodysplasia punctata
   V Sachar

09.30-10.00 Coffee / tea break

10.00-12.30 “New Techniques, Ethics and more”
Moderated by C. Weiner & R. Zimmerman

8. A randomized study to assess two different techniques of aspiration while performing transabdominal chorion villous sampling
   U Nicolini

9. A model for depiction of comprehensive fetal cardiovascular evaluations
   J Santolaya

10. Successful fetoscopic devascularization of chorioangioma by combined use of bipolar electrocautery and Diode laser
    F Lim

11. A study comparing prevalence of depression and coping strategies among the deaf and fit children
    J Nalugya

12. Ethical challenges in maternal-fetal surgery
    OO Olutoye
13. Reflectance spectrometry for real-time hemoglobin determination of placental vessels during endoscopic laser surgery for TTTS
   FI Luks

14. Teaching fetal medicine to the next generation of physicians
   FI Luks

15. Three and four dimensional ultrasound - a novel imaging technique to evaluate fetal cardiac anomalies
   R Achiron

16. Three-dimensional ultrasound navigation system for fetoplacental surgery
   T Mochizuki

17. Proteomic prediction of pre term labor
   M Evans

18. Maternal complications and fetal cardiac interventions: a view from the other side of the womb
   V Silva

19. Fetal aortic valvuloplasty: 3 cases with technical success
   L Otano

20. Open fetal surgery for fetal cardiac pacemaker placement for medically refractory complete heart block
    F Lim