IMAGING IN PREGNANCY SIG
Meeting Minutes: Monday, 13 July 2015

Agenda
1. Welcome
2. Imaging in Pregnancy SIG mission
3. Organizing next pre-conference course
   - suggestions for the pre-conference course
   - suggestions to attract more participants
4. Other aims of Imaging in Pregnancy SIG beyond Education
   - position statements
   - systematic reviews
   - work-up algorithms
5. Closing

1. Antoni Borrell opened the meeting

2. In ISPD the number of SIGs is expanding; there are 6 SIGs now. ISPD works towards improving
communication between the society and the different SIGs. The main objective for each SIG is
education, as defined by ISPD board. SIGs are generally considering different roles as well. A
discussion followed about other aims of the SIGs.

The main aim of our SIG, which is a small group of active people, is to promote professional
education of Fetal Imaging specialists (MFM, radiologists and radiographers) in Genetics, given that
imaging allows the detection and characterization of prenatal dysmorphology. In a few words, our
SIG is attempting to cover the distance between Ultrasound and Genetics. A second aim would be to
attract MFM specialists to participate to our society (ISPD) and conferences. One of the ways to
achieve this aim is to attract participants through pre-congress courses, bearing in mind that
professionals tend to be more attached to their specialty societies, rather than to multidisciplinary
teams. Tony acknowledged that the pre-congress course this year was remarkable. The audience
was then advised to make recommendations for the course of next year.

3. Many suggestions were then presented by the audience for next pre congress course:
   - To make courses more modern with more interactive sessions and therefore more attractive
     (Lyn).
   - To include other imaging modalities, such as MRI.
- To include training on 3D spatial recognition systems to diagnose genetic syndromes and morphological abnormalities, such as schisis; to include training on 3D printed prosthetics.
- To include workshop on already acquired 3D volumes of normal and abnormal fetuses providing several laptops to participants for hands-on sessions. 'How to...' on Fetal Brain and Face 3D could be an option.
- A full audience discussion on difficult and interesting cases presented mainly by participants’ ultrasound images. This idea would better fit to a main congress session or to a breakfast meeting.
- Counseling issues. Given that there are 2 new SIGs (ethics and counseling), collaboration in multidisciplinary schemes is an interesting perspective (Igna).

4. Further SIG aims were also presented:
- A working group has written 3 systematic reviews on the incremental yield of microarrays in fetal abnormalities. The first review on fetal anomalies overall was rejected by Prenatal Diagnosis. However, two systematic reviews, one on heart defects and one on increased nuchal translucency, will be published by Ultrasound Obstet Gynecol. It is suggested to continue further with neural tube defects/neurosonography (Allan).
- A position statement on ultrasound soft markers was similarly proposed a couple of years ago, and ISUOG was contacted in order to produce a joint statement. Unfortunately we got no reply. An ISUOG representative who was present at the meeting agreed to work together on this project (Anna). The issue of choosing the journals where to publish mission statements was also discussed. However, participants agreed that this topic should be brought at ISPD Board.
- Finally, it was scheduled to produce genetic work-up algorithms for some ultrasound findings, such as increased NT (Melissa, Allan), fetal hydrops (Monique, Luming), severe IUGR (Valerie, Tony), skeletal dysplasias and ambiguous genitalia to be posted at the website or Prenatal Perspectives.

5. Tony thanked the audience for attending the meeting. SIG will keep working on all the ideas that were presented.