ISUOG
Pre-Congress course

Program

20 October 2018, Singapore
From genetics to obstetric management: essential genetics in practice

Learning Objectives:

1. Understanding of different molecular technologies and their associated advantages and limitations;
2. Appropriate use of testing tools;
3. Development of screening programmes with technological advances;
4. What genetic tests mean and how they influence clinical practice

08:00-08:45	Registration opens
08:45-9:00	Introduction
09:00-09:30	Aneuploidy, translocation, variation, point mutations: what is happening to our chromosomes?
09:30-10:00	Principles of screening and diagnosis
10:00-10:30	Confounding biological factors for your non-invasive prenatal tests
10:30-11:00	*Refreshment break*
11:00-11:30	Cell free DNA in practice: learning from difficult cases
11:30-12:00	Karyotype, microarray and exome sequencing: what to do with the fetal tissue?
12:00-12:20	Accuracy of TVS – based imaging of DIE
12:20-13:00	*Lunch*
13:00-13:30	Embryo screening: what are we screening for and does it work? Screening for aneuploidy after the embryo screening: practical points and hints
13:30-14:30	Is sequencing cell-free DNA for dominant mutations the next 'must-have' prenatal screening tol?
14:30-15:10	From genetics to obstetric management: insights into obstetrics complications
15:10-15:30	*Refreshment break*
15:30 -16:10	From genetics to ultrasound: insights into congenital heart defects
16:10-16:40	Genetics and your legal obligations
16:40-17:10	What to tell your patients – panel with case studies
17:10	End of the course

Please note that this is a provisional schedule which may change.

In partnership with

Society for Maternal-Fetal Medicine