



# 28<sup>th</sup> World Congress on Ultrasound in Obstetrics and Gynecology

20 – 24 October 2018, Singapore

Incorporating ASUM 2018

## Scientific program

### Saturday 20 October 2018

<b>08:45 - 17:05</b>	<b>PCC: From genetics to obstetric management: essential genetics in practice</b>
08:45	Session 1
08:45	Welcome and Introduction
08:55	Principles of screening and diagnosis
09:15	<i>Aneuploidy, translocation, variation, point mutations: what is happening to our chromosomes?</i>
09:45	<i>Confounding biological factors for your non- invasive prenatal tests</i>
10:15	Refreshment break
10:45	Session 2
10:45	Cell free DNA in practice: learning from difficult cases
11:15	Karyotype, microarray and exome sequencing
11:45	Ethical considerations around prenatal, preimplantation and preconception testing
12:15	<i>Lunch</i>
13:05	Session 3
13:05	Preimplantation genetic screening and preimplantation genetic diagnosis
13:35	From genetics to obstetric management: insights into obstetrics complications

**This is the preliminary program and is subject to change**



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- 14:05 Sequencing cell-free DNA for single gene disorders: next 'must-have' prenatal screening tool?
- 14:35 *Refreshment break*
- 15:05 *Session 4*
- 15:05 Genetic evaluation of fetal sonographic anomalies
- 15:35 From genetics to ultrasound: insights into congenital heart defects
- 16:05 Genetics testing and your legal obligations
- 16:35 What to tell your patients – panel with case studies
- 17:05 *End of the course*

*Please see the next page for the next course*

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### **08:45 - 17:00 PCC: ISUOG Basic Training: a practical approach to the obgyn ultrasound examination**

- 08:45 Session 1
- 08:45 Introduction and overview of the Basic Training Program
- 09:00 Pre-course test
- 09:15 “Principles of Ultrasound Imaging” film
- 09:30 Transducers, image production, knobology and scanning planes
- 10:00 The 6-step approach
- 10:30 *Mid-morning coffee break*
- 11:00 *Session 2*
- 11:00 Fetal biometry: dating, assessing size and estimating fetal weight
- 11:30 Assessing the placenta and amniotic fluid
- 12:00 *Lunch*
- 13:15 *Session 3*
- 13:15 The 20 + 2 Planes
- 13:45 Distinguishing between normal and abnormal appearances of the fetal anatomy
- 14:15 The basics of a gynaecology ultrasound (TA and TV; walk-through)
- 14:45 *Mid afternoon tea break*
- 15:15 *Session 4*

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- 15:15            Examining the uterus: endometrium, myometrium
- 15:45            Examining the ovary and adnexa
- 16:15            Quality control process for operators and programs
- 16:45            *Post-course test*

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<b>09:00 - 17:15</b>	<b>PCC: Ultrasound for the diagnosis and pre-surgical staging of deep endometriosis (DIE)</b>
09:00	Welcome
09:00	Session 1
09:00	International deep endometriosis analysis consensus statement
09:30	Accuracy of different imaging methods: TVS, CT and MRI
10:00	Soft markers to predict superficial pelvic endometriosis
10:30	<i>Refreshment break</i>
11:00	<i>Session 2</i>
11:00	Ovarian endometriomata changes during pregnancy
11:30	Pouch of Douglas assessment and implications on surgical planning
12:00	Video session
12:15	<i>Lunch</i>
13:15	<i>Session 3</i>
13:15	Endometriosis of the urinary tract
13:45	Imaging of uterosacral ligaments, posterior vaginal fornix and rectovaginal septum
14:15	Deep endometriosis involving the rectum, rectosigmoid: to bowel prep or not to bowel prep, to gel or not to gel

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- 14:45            *Video session*
- 15:00            *Refreshment break*
- 15:30            Session 4
- 15:30            Ultrasound based endometriosis staging system  
(UBESS) in the United Kingdom and Australasia
- 16:00            Conclusions and summary