Ultrasound in obstetric anaesthesia

Thursday 6 June 2019
Location: 21 Portland Place, London, W1B 1PY
Organisers: Dr Nhathien Nguyen-Lu & Mubeen Khan, London

09:30 Registration / Tea & coffee

09:55 An introduction
Dr Nhathien Nguyen-Lu, London

10:00 Why are we worried? Why might we need spinal ultrasound? 'Keeping in the Reynolds Zone' Domain 2: Safety & quality
Dr Felicity Plaat, London

10:20 The evidence base for using spinal ultrasound and its use in spinal abnormalities Domain 1: Knowledge, skills & performance
Dr Mubeen Khan, London

10:40 Sonoanatomy of the spine and step-by-step guide to performing spinal ultrasound Domain 1: Knowledge, skills & performance
Dr Nhathien Nguyen-Lu, London

11:00 Tea & coffee

11:15 Spinal ultrasound workshop Domain 1: Knowledge, skills & performance
Drs Nhathien Nguyen-Lu, Mubeen Khan, Rebecca Lea-Smith, Iram Ahmed Suresh Anandakrishnan, Andrew Hartopp, Ruchira Patel & Chiraag Talati, London

12:45 Lunch

13:45 Cardiac disease in pregnancy Domain 1: Knowledge, skills & performance
Dr Andrew Deaner, Consultant Cardiologist, London

14:05 Review of TTE in anaesthetic & perioperative practice Domain 2: Safety & quality
Dr Marcus Peck, London

14:25 Cardiac scanning planes and basic steps to performing focused TTE Domain 1: Knowledge, skills & performance
Dr Nishita Desai, London

14:45 Tea & coffee
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15:00  Focused transthoracic echo scanning workshop  Domain 1: Knowledge, skills & performance
Dr Marcus Peck, Dr Jos Ramage, Dr Nhathien Nguyen-Lu, Dr Nishita Desai, Haotian Gu and Dr Julia Hadley, London

16:30  Depart

Learning objectives:

1. To define the role of ultrasound as an adjunct for neuraxial anaesthesia and focused transthoracic echo in obstetrics.
2. To understand the principles and practice with ‘hands-on’ technique of ultrasound guided neuraxial scanning.
3. To update on key aspects of cardiac disease in pregnancy.
4. To introduce the basic steps of performing focused transthoracic echocardiography for the obstetric anaesthetist with ‘hands-on’ experience.
5. To be aware of future application of ultrasound for the sick parturient.