

Core Topics Reading

Friday 8 February 2019

Organisers: Drs Atul Kapila & Ed Todman, Reading

Location: Royal Berkshire Conference Centre, Madejski Stadium, Reading RG2 0FL

- 09:00** **Registration/tea & coffee**
- 09:25** **Welcome**
Dr Atul Kapila, Reading
- 09:30** **Anaemia and surgery - does it matter?** Domain 2, 1A02, 1E04, 1H02, 1I05, 2A03, 2A05, 2A07
Dr Ravi Rao Baikady, London
- 10:00** **Iron and sepsis** Domain 1, 1A01, 1E01, 2A03, 2C03
Prof Simon Andrews, Head of the Microbiology Research Group, University of Reading
- 10:30** **Discussion**
- 10:45** **Tea & coffee**
- 11:15** **Implications of robotic surgery for anaesthesia** Domain 1, 1C01, 1D02, 1E05, 2A03, 2A12, 2G01
Dr Chris Edge, Reading
- 11:45** **Anaesthetic considerations in cancer surgery** Domain 1, 2A03, 2A05, 2A07, 2E01
Dr Leigh Kelliher, Guildford
- 12:15** **Discussion**
- 12:30** **Lunch**
- 13:30** **Shared decision making and the high risk patient** Domain 3 & 4, 1E03, 1F01, 1F02, 1F05
Dr Jennie Rechner, Reading
- 14:00** **What's new in obstetric anaesthesia?** Domain 1 & 3, 2801, 2802, 2803, 2805, 2806
Dr Robin Russell, Oxford
- 14:30** **Discussion**
- 14:45** **Tea & coffee**
- 15:15** **Chronic pain – the elephant in the perioperative room?** Domain 1, 2E01, 2E02, 2E03
Dr Deepak Ravindran, Reading
- 15:45** **Emergency department anaesthesia – practicalities and issues** Domain 1-3, 2A01, 2A02, 2A10, 2A11, 2A12, 2D07
Dr Liza Keating, Reading
- 16:15** **Discussion**
- 16:30** **Close of meeting**

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This meeting covers the following:

- Domain 1: Knowledge, skills & performance
- Domain 2: Safety & quality
- Domain 3: Communication, partnership & teamwork
- Domain 4: Maintaining trust

Learning objectives:

Anaemia and surgery - does it matter? Ravi Rao Baikady, London

1. Anaemia – definition and diagnosis
2. Anaemia and surgery - causes and outcome
3. How to treat Perioperative anaemia
4. Anaemia vs Transfusion - how to avoid blood transfusion
5. Iron deficiency anaemia and surgery - role of intravenous iron
6. Anaemia and surgery - current and future research

Iron and sepsis Prof Simon Andrews, Head of the Microbiology Research Group, University of Reading

1. Role of iron withdrawal in innate defence against infectious disease
2. Mechanisms used by bacterial pathogens to overcome the iron-withdrawal strategy of the host
3. The evolutionary arms race between host and pathogen in the battle for iron during infection
4. The availability of iron to the pathogen can have a major impact on infection

Chronic pain – the elephant in the perioperative room? Dr Deepak Ravindran, Reading

1. Aim to understand and be aware of the present research around chronic pain and its prevalence in the UK with specific reference to post-operative pain
2. To be aware of newer approaches in perioperative care to predict and reduce chronic pain
3. To highlight research initiatives to optimise patients (at high risk of chronic pain) pre surgery"

Emergency department anaesthesia – practicalities and issues Dr Liza Keating, Reading

1. Sedation and management of acute pain in the emergency department
2. Airway management in resuscitation
3. Silver trauma from the trauma unit perspective