



# CORE TOPICS Aberdeen

Friday 28 February 2020

Organisers: Dr Manisha Kumar, Aberdeen

Location: Rox Hotel, 17-23 Market Street, Aberdeen, AB11 5PY

## Programme

09:30	Registration / tea and coffee
09:55	Welcome and introduction Dr Manisha Kumar, Aberdeen
<b>Session 1</b>	
10:00	What goes in... (heroes and villains: plasma proteins, hydroxyethyl starch, normal saline) Domain 1, 1A01, 2A05, 3I00 Dr Tom Woodcock, Southampton
10:25	...Must come out (renal replacement therapy update) Domain 2, 1A01, 2C04, 3C00 Dr Paul Gamble, Aberdeen
10:50	Tea and coffee
<b>Session 2</b>	
11:05	What to make of the patient questionnaire – qualitative analysis Domain 1, 1I05, 3J02-03 Prof Peter Johnston, Aberdeen
11:30	The next best thing or even better – simulation training: a critical review Domain 1, 1I03, 3J02 Dr Ben Shippey, Director of the Dundee Institute for Healthcare Simulation
11:55	Major incidents: are we ready? Domain 3, 1I02, 2A02, 3A10 Dr Andrew Ronald, Aberdeen
12:20	Lunch
12:55	Livestream: An overview of iron deficiency anaemia in the peri-operative setting - Talk sponsored by Pharmacosmos Dr James Prentis, Newcastle and Sr Emma McCone, Lead Nurse Pre-assessment, Newcastle
<b>Session 3</b>	
13:20	Prefix for outcome – pre vs re Domain 3, 1I05, 3J03 Dr James Durrand, Durham
13:45	Total intravenous anaesthesia (TIVA) 4 tots Domain 2, 1A02, 1E06, 2D02 Dr Kay Davies, Aberdeen
14:10	Continuing learning – coroner reports and the capnogram Domain 1, 1I01, 1I03, 3J02 Dr Sarah Rae, Aberdeen
14:35	Tea and coffee
<b>Session 4</b>	
14:50	Several shades of grey – when is audit, research? Domain 1, 1F03, 1F05, 3J0 Dr Stephen Stott, Aberdeen
15:15	Another paradigm shift – acceptable acute postoperative pain Domain 2, 1D01- 02, 2E01 Dr Karen Cranfield, Aberdeen
15:40	Close of meeting

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## Learning objectives

### Session 1

**What goes in... (heroes and villains: plasma proteins, hydroxyethyl starch, normal saline) Domain 1, 1A01, 2A05, 3I00**

Dr Tom Woodcock, Southampton

1. Understand the steady-state Starling Principle
2. Apply state of the art fluid physiology to a rational prescribing paradigm
3. Appreciate an emerging hypothesis that traditional fluid resuscitation may in fact be harmful
4. Learn the ways to 'keep fluid intravascular'

**...Must come out (renal replacement therapy update) Domain 2, 1A01, 2C04, 3C00**

Dr Paul Gamble, Aberdeen

1. Understand the modalities of renal replacement therapy (RRT) available in ICU and factors which determine choice
2. Consider the advantages and disadvantages of the options for anticoagulation in RRT
3. Discuss appropriate timing of RRT in ICU

### Session 2

**What to make of the patient questionnaire – qualitative analysis Domain 1, 1I05, 3J02-03**

Prof Peter Johnston, Aberdeen

1. Describe patient surveys and patient reported outcome measures
2. Quantitative, semi-quantitative, qualitative
3. Understand methodologies and the information they provide
4. Consider strengths and limitations of qualitative reports
5. Use data to benefit anaesthetic practice and patient outcomes

**The next best thing or even better – simulation training: a critical review Domain 1, 1I03, 3J02**

Dr Ben Shippey, Director of the Dundee Institute for Healthcare Simulation

1. Describe the learning theories that apply to Simulation Based Medical Education (SBME)
2. Identify opportunities to include SMBE in their educational programs
3. Consider the effectiveness of simulation-based methods when designing and delivering SBME projects

**Major incidents: are we ready? Domain 3, 1I02, 2A02, 3A10**

Dr Andrew Ronald, Aberdeen

1. Planning and preparing for Major Incidents
2. Responding to Major Incidents
3. Organisational and individual recovery from Major Incidents

### Session 3

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**Prefix for outcome – pre vs re Domain 3, 1105, 3J03**

Dr James Durrand, Durham

1. Review the evidence for preoperative exercise
2. Review the evidence for preoperative smoking cessation
3. Review the evidence for preoperative alcohol intervention
4. Provide an overview of and sessions learned from a pilot multimodal prehabilitation programme: The South Tees PREPWELL service.

**Total intravenous anaesthesia (TIVA) 4 tots Domain 2, 1A02, 1E06, 2D02**

Dr Kay Davies, Aberdeen

1. To show how TIVA can improve the quality of anaesthesia care in children
2. To discuss barriers to using TIVA in children
3. To explain how the pharmacokinetics of propofol in children differs from that of adults and to highlight paediatric TCI models available
4. To discuss remifentanyl as an adjunct to paediatric TIVA

**Continuing learning – coroner reports and the capnogram Domain 1, 1101, 1103, 3J02**

Dr Sarah Rae, Aberdeen

1. During cardiac arrest you may see an attenuated capnography trace, but you should still see a trace
2. A flat trace is an oesophageal intubation until proven otherwise
3. NO TRACE = WRONG PLACE, ACT NOW

## Session 4

**Several shades of grey – when is audit, research? Domain 1, 1F03, 1F05, 3J0**

Dr Stephen Stott, Aberdeen

1. Definitions of research, Audit, Service evaluation and quality improvement
2. Where to use each of them
3. Where to get help to decide

**Another paradigm shift – acceptable acute postoperative pain Domain 2, 1D01- 02, 2E01**

Dr Karen Cranfield, Aberdeen

1. Review of enhanced recovery after surgery (ERAS)
2. Risks from slow-release opioids
3. Different ways of pain assessment

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