# CORE TOPICS Aberdeen

## Friday 28 February 2020

Organisers: Dr Manisha Kumar, Aberdeen  
Location: Rox Hotel, 17-23 Market Street, Aberdeen, AB11 5PY

### Programme

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

![Pharmacosmos](image)
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, 1I05, 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 remifentanil as an adjunct to paediatric TIVA

Continuing learning – coroner reports and the capnogram Domain 1, 1I01, 1I03, 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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