



CORE TOPICS Manchester

Friday 17 and Saturday 18 May 2019

Organisers: Prof Akbar Vohra and Dr Ramana Alladi, Manchester

Location: Manchester Conference Centre, Sackville Street, Manchester, M1 3BB

Programme

Day 1 – Friday 17 May 2019

- 08:45** **Registration/Tea and coffee**
- 09:20** **Welcome and introduction**
Prof Akbar Vohra, Manchester
- 09:30** **Understanding and educating Generation Z** **Domain 1: Knowledge Skills and performance, Domain 3: Communication, partnership and teamwork** 1H01 1H02, 2H02, 3J02
Dr Cathy Armstrong, Manchester
- 10:00** **TIVA – Guidelines for safe practice** **Domain 1: Knowledge Skills and performance, Domain 2: Safety and quality**
Dr Alastair Nimmo, Edinburgh
- 10:30** **Discussion**
- 10:50** **Tea and coffee**
- 11:15** **Promoting medical practices abroad – how can we get involved?** **Domain 1: Knowledge Skills and performance, Domain 3: Communication, partnership and teamwork.** 1I02, 3J00
Dr Tei Sheraton, Cardiff
- 11:45** **Effect of prehabilitation on outcomes in the older surgical patients – current clinical evidence** **Domain 2: Safety and quality** 2A03, 2A07
Prof Sandy Jack, Southampton
- 12:15** **Discussion**
- 12:35** **Lunch**
- 13:35** **Heart of function: normal and abnormal changes in athletic patients** **Domain 1: Knowledge, skills and performance,** 2A03, 3I00
Prof John Somauroo, Liverpool
- 14:05** **Pre-eclampsia: complex syndrome, simple care** **Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork** 2B06, 3B00
Dr Jenny Myers, Manchester
- 14:35** **Discussion**
- 14:55** **Tea and coffee**
- 15:20** **How can the radiologist help me in the brain injury?** **Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork** 2C01, 3A10, 3F00
Dr Calvin Soh, Manchester
- 15:50** **Management of the emergency open abdominal aortic aneurysm** **Domain 1: Knowledge, skills and performance** 2A07, 3A05
Dr Nicholas Wisely, Manchester
- 16:20** **Discussion**
- 16:40** **Close of Day 1**

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Learning objectives

Day 1 – Friday 17 May 2019

Session 1

Understanding and educating Generation Z Domain 1: Knowledge Skills and performance, Domain 3: Communication, partnership and teamwork 1H01 1H02, 2H02, 3J02

Dr Cathy Armstrong, Manchester

1. To understand some generic learner traits of Generation Z
2. To consider practical ways to support the learning needs of Generation Z
3. To explore the challenges faced when educating and supporting Generation Z

TIVA – Guidelines for safe practice Domain 1: Knowledge Skills and performance, Domain 2: Safety and quality

Dr Alastair Nimmo, Edinburgh

1. To understand why it is important that all anaesthetists are able to administer TIVA competently and safely
2. To be familiar with the main recommendations of the Guidelines for the safe practice of total intravenous anaesthesia (TIVA)
3. To be aware of the common problems that may arise during the administration of TIVA and how they may be avoided

Session 2

Promoting medical practices abroad – how can we get involved? Domain 1: Knowledge Skills and performance, Domain 3: Communication, partnership and teamwork. 1I02, 3J00

Dr Tei Sheraton, Cardiff

1. To understand the benefits and opportunities for overseas volunteering to personal development
2. To understand the benefits to the NHS of overseas volunteering
3. To understand the governance issues around overseas volunteering
4. To understand the ethical issues around overseas volunteering

Effect of prehabilitation on outcomes in the older surgical patients – current clinical evidence Domain 2: Safety and quality 2A03, 2A07

Prof Sandy Jack, Southampton

1. To present the evidence of the safety, efficacy and effectiveness of prehabilitation in patients undergoing cancer treatments and/or major elective surgery
2. Discuss the NHSE funded Wessex Fit-4-Cancer Surgery Trial in terms of working in partnership
3. Discuss the links between prehabilitation and the NHS Long Term Plan and national cancer commissioning priorities and other developments in prehabilitation

Session 3

Heart of function: normal and abnormal changes in athletic patients Domain 1: Knowledge, skills and performance, 2A03, 3I00

Prof John Somauroo, Liverpool

1. Athletes may develop significant changes in cardiac structure and function through physiological adaptation that may mimic cardiac disease
2. Understanding this adaptation is important to reduce unnecessary investigations
3. Identifying warning symptoms, ECG and echocardiographic changes that suggest pathology is vital to reduce cardiac risk

Pre-eclampsia: complex syndrome, simple care Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork 2B06, 3B00

Dr Jenny Myers, Manchester

1. Maternal mortality and the contribution of hypertensive diseases
2. Revision of the pathophysiology of pre-eclampsia
3. Management of severe pre-eclampsia and its complications - specific issues for the anaesthetist

Session 4

How can the radiologist help me in the brain injury? Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork 2C01, 3A10, 3F00

Dr Calvin Soh, Manchester

1. To understand the role of CT vs MR imaging
2. To recognise imaging patterns in more common conditions
3. To appreciate the value of good clinical input in achieving the right diagnosis

Management of the emergency open abdominal aortic aneurysm Domain 1: Knowledge, skills and performance 2A07, 3A05

Dr Nicholas Wisely, Manchester

1. Overview of abdominal aortic aneurysms
2. Communication, decision making and planning pre-surgery
3. Considerations of choice of anaesthetic technique
4. Strategies for minimising organ dysfunction intra-operatively
5. Post-Operative challenges

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Programme

Day 2 – Saturday 18 May 2019

- 09:00** Registration/Tea and coffee
- 09:20** **Welcome and introduction**
Prof Akbar Vohra, Manchester
- 09:30** **Changes in training - implication for the supervisors** **Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork 1H01, 1H02, 2H02, 3J02**
Dr Janice Fazackerley, Warrington
- 10:00** **Analgesia for knee surgery - what are the best options?** **Domain 1: Knowledge Skills and performance 1D02, 2G02, 2G04**
Dr John John, Oswestry
- 10:30** **Discussion**
- 10:50** **Tea and coffee**
- 11:15** **Dealing with the baby blues – what to do with the collapsed “cardiac child’ in your department** **Domain 1: Knowledge, skills and performance 2D01, 2D07, 3D00**
Dr Suzy Emsden, Manchester
- 11:45** **Anaesthesia for minimally invasive abdominal and pelvic surgery** **Domain 1: Knowledge, skills and performance 2A07, 3A03**
Prof William Fawcett, Guildford
- 12:15** **Discussion**
- 12:35** **Lunch**
- 13:35** **Acute respiratory distress syndrome (ARDS) - what are the current thoughts on avoidance and management** **Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork 2E01, 2E03**
Dr Tina Duff, Manchester
- 14:05** **Management of chronic pain** **Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork 2E01, 2E03**
Dr Shiva Tripathi, Preston
- 14:35** **Discussion**
- 14:55** **Tea and coffee**
- 15:20** **Palliative care: myths, perceptions and the reality** **Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork, Domain 4: Maintaining trust 2C06, 3C00**
Dr Ashique Ahamed, Manchester
- 15:50** **Perioperative anaphylaxis - lessons from NAP6** **Domain 1: Knowledge, skills and performance, Domain 2: Safety and quality, Domain 3: Communication, partnership and teamwork 1B01, 2A06, 3I00**
Dr Andrew Parkes, Manchester
- 16:20** **Discussion**
- 16:40** **Close of meeting**

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Learning objectives

Day 2 – Saturday 18 May 2019

Session 1

Changes in training - implication for the supervisors Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork 1H01, 1H02, 2H02, 3J02

Dr Janice Fazackerley, Warrington

1. Revise role of clinical supervisor
2. Appreciate process of curriculum writing and approval
3. Overview of planned structure of new curriculum

Analgesia for knee surgery - what are the best options? Domain 1: Knowledge Skills and performance 1D02, 2G02, 2G04

Dr John John, Oswestry

1. Anatomy of adductor canal
2. Nerve supply of the knee joint
3. Role of LIA and blocks in knee analgesia
4. New avenues for pain management

Session 2

Dealing with the baby blues – what to do with the collapsed ‘cardiac child’ in your department Domain 1: Knowledge, skills and performance 2D01, 2D07, 3D00

Dr Suzy Emsden, Manchester

1. Having a structured approach to a sick child with congenital cardiac abnormalities
2. Being able to approach the univentricular circulation in a safe way to allow appropriate resuscitation in the collapsed ‘cardiac’ child
3. Thoughts on how the ‘cardiac’ child may respond to induction of anaesthesia and how to anticipate and minimise deterioration

Anaesthesia for minimally invasive abdominal and pelvic surgery Domain 1: Knowledge, skills and performance 2A07, 3A03

Prof William Fawcett, Guildford

1. Understand the physiological impact of minimally invasive surgery on patients undergoing abdominal and pelvic surgery
2. Describe the intraoperative effects of carbon dioxide pneumoperitoneum and patient positioning on the cardiorespiratory systems and splanchnic blood flow
3. Understand the potential problems associated with patient positioning and patient access
4. Appreciate the issues surrounding perioperative analgesia and fluid management

Session 3

Acute respiratory distress syndrome (ARDS) - what are the current thoughts on avoidance and management Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork 2E01, 2E03

Dr Tina Duff, Manchester

1. Definition of ARDS
2. Review of pathophysiology in ARDS
3. How can we reduce the incidence of ARDS
4. Management of ARDS

Management of chronic pain Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork 2E01, 2E03

Dr Shiva Tripathi, Preston

1. Why pain management is important in anaesthesia?
2. How to improve pain management
3. Managing acute on chronic pain patients

Session 4

Palliative care: myths, perceptions and the reality Domain 1: Knowledge, skills and performance, Domain 3: Communication, partnership and teamwork, Domain 4: Maintaining trust 2C06, 3C00

Dr Ashique Ahamed, Manchester

- 1.

Perioperative anaphylaxis - lessons from NAP6 Domain 1: Knowledge, skills and performance, Domain 2: Safety and quality, Domain 3: Communication, partnership and teamwork 1B01, 2A06, 3I00

Dr Andrew Parkes, Manchester

1. Summary of key NAP6 findings
2. Epidemiology of perioperative anaphylaxis
3. Emerging causes of anaphylaxis related to anaesthesia
4. Application of findings to practice
5. Investigation of suspected anaphylaxis

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