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 1HO2, 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
10:50  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 Somauiroo, 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

Meeting kindly sponsored by:
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 Anaesthesia 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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