

Anaesthetic dilemmas and peri-operative conundrums in patients with neurological disease



Wednesday 25 April 2018

Organisers: Dr Jane Sturgess, Bury St Edmunds, Dr Barbara Stanley, Haywards Heath & Dr Tamsin Gregory, Keighley

Programme

09:00 Registration/Tea & coffee

09:35 Welcome

Morning session

Chair: Dr Barbara Stanley, Haywards Heath

09:40 Peri-operative management of the brittle parkinsonian patient: medications, drug interactions, complications & movement **Domain 1: Knowledge, Skills and Performance, Domain 2: Safety and Quality, Domain 4: Maintaining Trust, 2A03, 2A07**
Dr Raj Sarangmat, Oxford

10:20 Is regional anaesthesia possible or safe in patients with spinal implants (spinal cord stimulator/Harrington rods) or intracranial space occupying lesions? **Domain 1: Knowledge, Skills and Performance, Domain 2: Safety and Quality, Domain 3: Communication, Partnership and Teamwork, 2G01, 2G04**
Mr Mathew Garnett, Consultant Neurosurgeon, Cambridge

11:00 Tea & coffee

11:10 Stimulators (vagal nerve & deep brain stimulators) & implants (pleural and intraperitoneal shunts, baclofen pumps): What do they do? What if they go wrong? Why do I care? Do I need to treat them like a pacemaker? **Domain 1: Knowledge, Skills and Performance, Domain 2: Safety and Quality, Domain 3: Communication, Partnership and Teamwork, 2A12, 3I00**
Dr Paul Whitney, Brighton

11:50 Anaesthetics & dementia; do anaesthetics have a role in cognitive decline? **Domain 1: Knowledge, Skills and Performance, Domain 2: Safety and Quality, Domain 4: Maintaining Trust, 1E03, 3I00**
Dr Ram Adapa, Cambridge

12:30 Lunch

Afternoon Session

Chair: Jane Sturgess, Bury St Edmunds

13:30 Intubating the trachea in patients with an unstable cervical spine: from traumatic bony injury to deteriorating ligamentous instability (rheumatoid arthritis) **Domain 1: Knowledge, Skills and Performance, Domain 2: Safety and Quality, 1C01, 2A01, 3A01**

Dr Matt Wiles, Sheffield

- 14:10** **Headaches in obstetrics: best blood pressure management strategies for maternal intracranial environment & placental perfusion** **Domain 1: Knowledge, Skills and Performance, Domain 2: Safety and Quality, Domain 3: Communication, Partnership and Teamwork, 1A01, 2B05, 3B00**
Dr Tamsin Gregory, Keighley
- 14:50** **Tea & coffee**
- 15:00** **Perioperative management of epilepsy: medications, drug interactions, seizures pre/post-op & vagal nerve stimulators** **Domain 1: Knowledge, Skills and Performance, Domain 2: Safety and Quality, Domain 4: Maintaining Trust, 2A03, 2A07**
Dr Eleanor Carter, National Hospital for Neurology & Neurology
- 15:40** **Determining capacity in patients with receptive or expressive aphasia** **Domain 3: Communication, Partnership and Teamwork** **Domain 4: Maintaining Trust, 1E03, 1F01-02, 1F05**
Ms Anna Glacken, Speech & Language Therapist, University College Hospital
- 16:10** **Anaesthetic considerations for patients with chronic pain** **Domain 1: Knowledge, Skills and Performance** **Domain 3: Communication, Partnership and Teamwork, 2E01, 2E03**
Dr Nicholas Levy, Bury St Edmunds
- 16:25** **Final comments**
- 16:30** **Depart**

Learning objectives:

1. Knowledge of current best practice in dealing with Parkinson's and epilepsy throughout the peri-operative period
2. Knowledge of when it is and is not safe to perform regional anaesthesia
3. Exploration of ethics surrounding capacity and consent
4. Best blood pressure management for placental perfusion and maternal intracranial environment in obstetric patients with intracranial pathology