

## Publications

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### Editor (Book)

- Thomson J, Moppett IK, Wiles MD. *Smith and Aitkenhead's Textbook of Anaesthesia* (7<sup>th</sup> Edition), Elsevier, London, UK.
- Nathanson MH, Moppett IK, Wiles MD. *Neuroanaesthesia (Oxford Specialist Handbooks in Anaesthesia)*, Oxford University Press, Oxford, UK.

### Author (Book Chapters)

- Wiles MD. Traumatic Brain Injury. *Cases Studies in Adult Intensive Care Medicine*, Cambridge University Press; 1 edition (30 April 2017)
- Wiles MD. Sedative Drugs. *Smith & Aitkenhead's Textbook of Anaesthesia* (6<sup>th</sup> Edition), Churchill Livingstone, Amsterdam, Netherlands.
- Author of 8 chapters for the *Thoracic Anaesthesia (Oxford Specialist Handbooks in Anaesthesia)*, Oxford University Press, Oxford, UK.

### Editorials

- Dhataria KK, Wiles MD. Pre-operative testing guidelines: a NICE try but not enough. *Anaesthesia* 2016; 71:1403-1407
- AC Mannings, MD Wiles. Hypertension: is it a perioperative of public health problem? *Anaesthesia* 2016; *Anaesthesia* 2016; 71: 368-72
- MD Wiles. ATLS: Archaic Trauma Life Support? *Anaesthesia* 2015; 70: 893-7.
- JC Andrzejowski & MD Wiles. Was NAP5 'NICE' enough; where next for depth of anaesthesia monitors? *Anaesthesia* 2015; 70: 514-18.
- MD Wiles. Blood pressure management in trauma: from feast to famine? *Anaesthesia* 2013; 68: 445-449

### Full research papers

1. M. D. Wiles, J. Mamdani, M. Pullman and J. C. Andrzejowski. A randomised controlled trial examining the effect of acupuncture at the EX-HN3 (Yintang) point on pre-operative anxiety levels in neurosurgical patients. *Anaesthesia* 2017; 72: 335-342
2. Matthew Wiles, Matthew Sanders, Saurabh Sinha, Showkat Mirza, John Andrzejowski. The pathophysiology of early hypotension following epinephrine-containing local anesthetic infiltration of the nasal mucosa in patients undergoing endoscopic transsphenoidal hypophysectomy: a prospective, observational study. *Journal Neurosurgical Anesthesiology* 2016; doi: 10.1097/ANA.0000000000000297
3. Andrzejowski JC, Hawes R, Berthoud MC, Goodhart I, Wiles MD. An evaluation of factors influencing the assessment time in a nurse practitioner led anaesthetic pre-assessment clinic. *Anaesthesia* 2016; 71: 273-79.

4. Moppett IK, Rowlands M, Mannings A, Moran CG, & Wiles MD. LiDCO-based fluid management in patients undergoing hip fracture surgery under spinal anaesthesia: a randomized trial and systematic review. *British Journal of Anaesthesia* 2014; 114: 445-459.
5. Andrew Leeson, Ese Adiotomre, Alexa Mannings, Nikhil Kotnis, Giles Morrison, Matthew Wiles. Cumulative radiation dose due to diagnostic investigations in seriously injured trauma patients admitted to critical care. *Journal of the Intensive Care Society* 2015;16, 1: 12-17
6. TP Heinnick, WP Fogarty, MD Wiles. Trends in Demand for Acute Medical Care at Two Football Clubs over an Eighteen-Year Period. *Advances in Emergency Medicine* 2014; Article ID 232706 doi:10.1155/[2014/232706](https://doi.org/10.1155/2014/232706).
7. MD Wiles, RA McCahon, JAM Armstrong. An Audit of Fibreoptic Intubation Training Opportunities in a UK Teaching Hospital. *Journal of Anesthesiology* 2014; doi:10.1155/2014/703820 <http://dx.doi.org/10.1155/2014/703820>
8. Paul Townsley, Matthew D Wiles, Iain K Moppett, Danielle Emery. An Ultrasound Study of the Anatomical Position of the Femoral Nerve in Patients with a Fractured Neck of Femur. *International Journal of Perioperative Ultrasound and Applied Technologies* 2013; 2: 14-18.
9. Moppett IK, Wiles MD, Sahota O, Moran CG. The Nottingham Hip Fracture Score as a predictor of early discharge following fractured neck of femur. *Age and Aging* 2012 41: 322-32.
10. Wiles MD, Whiteley WJD, Moran CG, Moppett IK. The use of LiDCO based fluid management in patients undergoing hip fracture surgery under spinal anaesthesia: Neck of femur optimisation therapy – targeted stroke volume (NOTTS): study protocol for a randomized control trial *Trials* 2011; 12:213.
11. Wiles MD, Moran CG, Sahota O, Moppett IK. The Nottingham Hip Fracture Score as a predictor of one-year mortality in patients undergoing surgical repair of fracture neck of femur. *British Journal of Anaesthesia*. 2011; 106: 501-4.
12. Corrie KR, Wiles MD, Flack J, Lamb JM. A novel objective structured clinical examination for the assessment of transfusion practice in anaesthesia. *Clinical Teacher* 2011; 8: 97-100.
13. Harber CR, Harvey DJR, Wiles MD, Bogod DG. The ability of anaesthetists to correctly identify the position of the right internal jugular vein using anatomical landmarks. *Anaesthesia* 2010; 65: 885-888.
14. Wiles, Matthew D.; Harvey, Daniel J.R.; Coleman, Jaimie; Moppett, Iain K. Computed tomography of the brain in the emergency department: how often is tracheal intubation and general anaesthesia required? *European Journal of Emergency Medicine* 2011; 18: 115-116.
15. Wiles MD, Dobson SA, Moppett IK. The effect of a new topical local anaesthetic delivery system on forearm skin blood flow reactivity. *Anaesthesia* 2010; 65:178-183.

16. MD Wiles, EA Dickson, IK Moppett. Transient hyperaemic response to assess vascular reactivity of skin: effect of topical anaesthesia. *British Journal of Anaesthesia* 2008; 101: 320-3.

### **Review Articles**

1. Elboghhdady K, Bailey CR, Wiles MD. Postoperative sore throat: a systematic review. *Anaesthesia* 2016;71: 706–717
2. Wiles MD, Nathanson MH. Local anaesthetics and adjuvants – future developments. *Anaesthesia* 2010; 65: 22-37.
3. MD Wiles, RWA Nowicki, SM Hancock, B Boszczyk. Anaesthesia for vertebroplasty and kyphoplasty. *Current Anaesthesia & Critical Care* 2009; 20: 38-41.
4. MD Wiles, JG Hardman, IK Moppett Pharmacokinetic variation. *Anaesthesia & Intensive Care Medicine* 2008; 9: 369-71.
5. Wiles MD. Inhalational Injury – a literature review. *Care of the Critically Ill* 2007; 23: 1-5.

### **Abstracts**

1. M. D. Wiles, J. Mamdani, M. Pullman and J. C. Andrzejowski . The Effect of Acupuncture at the Yintang Point on Preoperative Anxiety Levels in Neurosurgical Patients: A Randomized Control Trial. *Journal of Neurosurgical Anesthesiology* 2017; 29:84-96
2. M. Wiles and J. Crofton-Martin. Times and locations of anaesthesia continuing professional development events. *Anaesthesia* 2017; 72: 10–92
3. Sanders MI, Andrzejowski JC, Sinha S, Mirza S, Wiles MD. The cardiovascular effects of adrenaline-containing local anaesthetic infiltration into the nasal mucosa of patients undergoing endoscopic trans-sphenoidal pituitary surgery: a prospective observational study. *Journal of Neurosurgical Anesthesiology* 2015; 27: 379-89.
4. Whitaker J, Sanders MI, Braganza M, Andrzejowski JC, Wiles MD. Determination of preoperative anxiety in neurosurgical patients: a prospective, observational study. *Journal of Neurosurgical Anesthesiology* 2015; 27: 379-89.
5. Wiles MD, Hirst C, Sanders MI, Pullman M, Andrzejowski JC. The effect of acupuncture on bilateral bispectral index measurements and stress in healthy volunteers: a randomised, crossover pilot study. *British Journal of Anaesthesia* 2015; doi: 10.1093/bja/aev116
6. J.C. Andrzejowski, K. Brennan, D. Turnbull, G. Eapen, U. Patel, M.D. Wiles. A Pilot Study to Assess if Delayed Cerebral Ischaemia Following Subarachnoid Haemorrhage Affects Interhemispheric Variation Measured Using Bilateral Bispectral Index Monitoring (BiBIS). *Journal of Neurosurgical Anesthesiology* 2014; 26: 427-440.
7. R. Pothireddy, K. Bauchmuller, J.C. Andrzejowski, M.D. Wiles. Sustained Elevation in Bispectral Index Following Ketamine Administration During Total Intravenous Anaesthesia for Spinal Surgery. *Journal of Neurosurgical Anesthesiology* 2014; 26: 427-440.

8. J. Gordon, S. Thirunavukkarasu, J.C. Andrzejowski, M.D. Wiles. Validation of the Infraorbital Positioning of a Bispectral Index Sensor in Patients Undergoing Intracranial Neurosurgery. *Journal of Neurosurgical Anesthesiology* 2014; 26: 427-440.
9. Wiles M, Harclerode Z, Leeson A, Andrzejowski J. Correlation between end-tidal and arterial carbon dioxide measurements in neurosurgical patients. *British Journal of Anaesthesia* 2014; 112 : 181P-199P.
10. A. Leeson, M. Wiles. Correlation between end-tidal and arterial PCO<sub>2</sub> measurements in polytrauma patients. *Journal of Neurosurgical Anesthesiology* 2013; 25: 361-369.
11. Atterton BP, Wiles MD, Walters ME, Andrzejowski JC. Interhemispheric EEG variability during physiological sleep measured using a bilateral Bispectral Index (BIS) sensor. *British Journal of Anaesthesia* 2012; 109: 655-68.
12. M. Smith, M. Wiles, J. Andrzejowski, G. Eapen. Interhemispheric EEG Variability Measured using a Bilateral Bispectral Index (BIS) Sensor. *Journal of Neurosurgical Anesthesiology* 2012; 24: 244-256.
13. D. Miller, M. Wiles, K. Parsons. Estimating Weight in Neurosurgical Patients with a Raised BMI: a Recipe for Drug Delivery Errors. *Journal of Neurosurgical Anesthesiology* 2012; 24: 244-256.
14. S. Pothuneedi, M. Wiles, J. Andrzejowski, U. Patel. Bilateral Bispectral Index: Recordings from Patient with Vasospasm Following Clipping of a Cerebral Aneurysm. *Journal of Neurosurgical Anesthesiology* 2012; 24: 244-256.
15. AG Howartson, MD Wiles, J Mole. Improving patient safety through multidisciplinary cooperation: venous thromboembolism prophylaxis. *Anaesthesia* 2011; 66:1061-1079.
16. Wiles MD, McCann C, Hancock SM. Evaluation of the requirements from Critical care in patients undergoing emergency coiling of intracerebral aneurysms. *Journal of Neurosurgical Anesthesiology* 2011; 23:278-287.
17. M.D. Wiles, D.K. Emery, I.K. Moppett. The position of the femoral nerve in patients with a proximal femoral fracture. *Eur J Anaesthesiol* 2011; 28: 8AP5-9.
18. M. Wiles, J. Flack, K. Corrie, J. Lamb. The internal reliability and face validity of a novel OSCE for the assessment of transfusion practice in anaesthesia. *Transfusion Medicine* 2010; 20: 26-54.
19. Flack JSC, Todd A, Bland C, Wiles MD. The vasoactive effects of local anaesthesia, ischaemia and heat on forearm skin blood flow. *Regional Anaesthesia and Pain Management* 2010; 35: E1-195.
20. MD Wiles, RA McCahon, JAM Armstrong. Fiberoptic intubation rates in a United Kingdom teaching hospital. *British Journal of Anaesthesia* 2010; 105: 729P.
21. WJD Whiteley, MD Wiles, IK Moppett. Incidence of pre-operative hypoxaemia in patients undergoing surgical repair of a proximal femoral fracture. *British Journal of Anaesthesia* 2010; 105: 722P.
22. KR Corrie, MD Wiles, IK Moppett. Accuracy of algorithm based calibration of cardiac output monitoring in the very elderly. *British Journal of Anaesthesia* 2010; 105: 725-6P.

23. JSC Flack, MD Wiles, IK Moppett. Cardiovascular changes after subarachnoid anaesthesia for proximal femoral fracture repair. *British Journal of Anaesthesia* 2010; 105: 722-3P.
24. Burch J, Wiles MD. Evaluation of an online bronchoscopy simulator as an educational tool. *Anaesthesia* 2010; 65: 867-871.
25. C.R. Harber, M.D. Wiles, D.J.R. Harvey. The ability of anaesthetists to correctly identify the position of the right internal jugular vein using anatomical landmarks. *Eur J Anaesthesiol* 2010; 27: 17AP2-1.
26. HL Sycamore, MD Wiles, CAJ Rollason, B.D Braithwaite and MM Brown. Anaesthesia and resuscitation for the endovascular repair of ruptured abdominal aortic aneurysms – has the introduction of local guidelines made a difference? *Anaesthesia* 2010; 65: 218-221.
27. M Wiles, J Haycock. The impact of an interactive teaching session on the administration of potassium in patients having surgical repair of a fractured neck of femur. *Anaesthesia* 2009; 64: 1384-6.
28. DJR Harvey, MD Wiles, IK Moppett. UK National Guidelines on Computed Tomographic Investigation of Head Injury – the Impact on Critical Care Services. *Intensive Care Medicine* 2009; 35: S5-306.
29. Wiles MD, Harvey DJR, Moppett IK. A Prospective Audit of Airway Management in Emergency Department Patients undergoing a CT Scan of the Brain. *Journal of Neurosurgical Anesthesiology* 2009; 21: 274-282.
30. M. Wiles, S. Dobson, I. Moppett. The effect of a new topical local anaesthetic delivery system on forearm skin blood flow reactivity. *Eur J Anaesthesiol* 2009; 26: 8AP4-4.
31. I. Moppett, E. Dickson, M. Wiles. The effect of topical local anaesthetic agents upon forearm skin blood flow reactivity. *Eur J Anaesthesiol* 2008; 25: 8AP4-7.

### **Book Reviews**

- MD Wiles, J Hayes. *Oxford Handbook of Clinical Specialities*. *British Journal of Anaesthesia* 2013; 111: 852-3.
- MD Wiles, JG Hardman. *Professor William Mapleson Anaesthetics Series Programmes 1-5*. *British Journal of Anaesthesia* 2010; 105: 390-1.

### **Case Reports**

- Speirs E, Wiles M, Bacon A and Radley S Positioning a prone patient with cauda equina syndrome who presents at 15 weeks gestation: a case report. *F1000Research* 2014, 3:117 (doi: 10.12688/f1000research.3551)

### **Letters**

1. Hirst C, Wiles MD. Standardised signage for emergency drug location. *Anaesthesia* 2015; 70: 1101-02.

2. *Andrzejowski JC, Wiles MD.* The ability of bispectral index to detect intra-operative wakefulness during total intravenous anaesthesia compared with the isolated forearm technique. *Anaesthesia* 2013; 68: 871-72.
3. *Wiles MD.* Should cognitive impairment be an exclusion criterion for hip fracture studies? *British Journal of Anaesthesia* 2013; 111: 514.
4. *Bhonsale RA, Wiles MD.* Do we all agree? *British Journal of Anaesthesia* 2013; [http://bjaoxfordjournals.org/content/110/3/486.2.full/reply#brjana\\_el\\_9949](http://bjaoxfordjournals.org/content/110/3/486.2.full/reply#brjana_el_9949).
5. *IK Moppett, MD Wiles, CG Moran.* Nottingham Hip Fracture Score, hypovolaemia and broken hips. *Anaesthesia* 2013; 68: 643.
6. *Wiles MD.* Early fluid resuscitation in severe trauma. *British Medical Journal* 2012; 345: e7205.
7. *Wiles MD.* Improving the safety of central venous catheter insertion. *Anaesthesia* 2011; 66: 398-99.
8. *Wiles MD.* *Sharp Practice. Medical Protection Society Casebook* 2009; 17: 25.
9. *Wiles MD. Brown MM.* Contrast-induced nephropathy and endovascular aortic aneurysm repairs. *British Journal of Anaesthesia* 2008; 100:279-279.
10. *Wiles M, Moppett I.* Accuracy of hospital clocks. *Anaesthesia* 2008; 63:786-7.

### **Web Based Learning**

- Wiles MD. Designing a randomised control trial. Department of Health E-learning for Health Project. Published July 2010. ([www.e-La.org.uk](http://www.e-La.org.uk) )
- Wiles MD. Pulmonary Ventilation: volumes, flows, dead space and pre-oxygenation. Royal College of Anaesthetists E-learning Project. Published July 2011. ([www.e-learningforhealthcare.org.uk](http://www.e-learningforhealthcare.org.uk))

## **Presentations**

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### **Lectures (by invitation)**

- Cervical Spine Injury. Peri-operative Grand Rounds, University of Dalhousie, Nova Scotia, Canada, 2017.
- Traumatic Brain Injury – ED to Theatre. *NACCSGBI Annual Scientific Meeting*, London, 2017.
- Guide to Publication – an Editor’s View. *NIHR Study Day*, Nottingham, 2017.
- Hypotension – how low can I go? *AAGBI Winter Scientific Meeting*, London, 2017.
- Collars in the Coffin? *RCoA Controversies in Anaesthesia*, London, 2016.
- Update on the Management of Spinal Cord Injury. *NACCSGBI Study Day*, London, 2016.

- Update on Traumatic Brain Injury. *RCoA Updates*, Hull, 2016.
- Spinal Cord Injury – Debunking the Myths. *GAT Annual Meeting*, Nottingham, 2016.
- Spinal Cord Injury Update. *AAGBI Winter Scientific Meeting, Association of Anaesthetists*, London 2016.
- ATLS: Archaic or Advanced? *RCEM Annual Scientific Meeting*, Leeds, 2016.
- Trauma team Training after ATLS. *Trauma Care*, Stone, 2016.
- Management of cervical spine injury in motorsport. *RCoA Motorsport Day*, 2016.
- How to critique a paper and how to get published. *VASGBI Annual Scientific Meeting*, Sheffield, 2015
- Has ATLS had its day? *CEM/RCOA Study Day on Major Trauma*. London, 2015
- Traumatic Brain Injury Update. Euroanesthesia 2015, *European Society of Anesthesiology*, Berlin, 2015.
- Management of cervical spine injuries. *NACCSGBI CPD Study Day*, London 2015.
- Update on cervical spine trauma. *NACCSGBI Annual Scientific Meeting*, Manchester, 2015.
- Management of cervical spine injuries. *Annual Winter Scientific Meeting Association of Anaesthetists*, London 2015.
- ATLS – past, present and future. *History of Warfare Meeting, Association of Anaesthetists*, London 2014.
- Update on cervical spine trauma and traumatic brain injury. *NASGBI Annual Scientific Meeting*, Sheffield, 2014.
- ATLS: fit for purpose in 21<sup>st</sup> century trauma management? Anniversary Trauma Meeting. *Royal College of Anaesthetists*, London 2014.
- Depth of Anaesthesia Monitoring. *AAGBI Regional Updates*, Nottingham 2013.
- The acute management and transfer of the brain injured patient. Annual Winter Scientific Meeting, *Association of Anaesthetists*, London 2013.
- Depth of Anaesthesia Monitoring. Neuroanaesthesia Level 3 CPD Workshop. *Association of Anaesthetists*, London 2012.
- Drugs and Anaesthesia – an update. *United Kingdom Clinical Pharmacy Association Study Day on Peri-operative Care*, Birmingham 2010.
- Management of Inhalational Injury – a literature review of the evidence for best practice. *Annual Meeting Association of Burns and Reconstructive Anaesthetists*, Derby 2006.

### **Free Paper Presentations**

1. Mamdani J, Wiles MD, Andrzejowski JC, Pullmann M. The effect of acupuncture at the Yintang point on pre-operative anxiety levels in neurosurgical patients: a randomised control trial. *Neuroanaesthesia & Critical Care Society of Great Britain & Ireland Annual Meeting, Southampton 2016 (Winner of Harvey Granat Prize for Best Free Paper)*.
2. Sanders M, Wiles M, Mirza S, Sinha S. Characterisation of complications of endoscopic trans-sphenoidal surgery in elderly patients: a retrospective study. *Society of British Neurological Surgeons ASM, York 2015*.
3. Sanders MI, Andrzejowski JC, Sinha S, Mirza S, Wiles MD. The cardiovascular effects of adrenaline-containing local anaesthetic infiltration into the nasal mucosa of patients undergoing endoscopic trans-sphenoidal pituitary surgery: a prospective observational study. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting, Manchester 2015*.
4. J.C. Andrzejowski, K. Brennan, D. Turnbull, G. Eapen, U. Patel, M.D. Wiles. A pilot study to assess if delayed cerebral ischaemia following subarachnoid haemorrhage affects interhemispheric variation measured using bilateral Bispectral Index monitoring (BiBIS). *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting, Sheffield 2014*.
5. Wiles MD, Hirst C, Sanders MI, Pullman M, Andrzejowski JC. The effect of acupuncture on bilateral bispectral index measurements and stress in healthy volunteers: a randomised, crossover pilot study. *Anaesthetic Research Society, London 2015*.
6. J. Gordon, S. Thirunavukkarasu, J.C. Andrzejowski, M.D. Wiles. Validation of the infraorbital positioning of a bispectral index sensor in patients undergoing intracranial neurosurgery. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting, Sheffield 2014. (Winner of Harvey Granat Prize)*
7. R. Pothireddy, K. Bauchmuller, J.C. Andrzejowski, M.D. Wiles. Sustained elevation in bispectral index following ketamine administration during total intravenous anaesthesia for spinal surgery. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting, Sheffield 2014*.
8. Wiles M, Harclerode Z, Leeson A, Andrzejowski J. Correlation between end-tidal and arterial carbon dioxide measurements in neurosurgical patients. *Anaesthetic Research Society, London 2013*.
9. A. Leeson, M. Wiles. Correlation between end-tidal and arterial PCO<sub>2</sub> measurements in polytrauma patients. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting, Cardiff 2013*.
10. Atterton BP, Wiles MD, Andrzejowski JC, Walters M. Bilateral BIS Sleep. *Anaesthetic Research Society, Aberdeen 2012*.
11. M. Smith, M. Wiles, J. Andrzejowski, G. Eapen. Interhemispheric EEG Variability Measured using a Bilateral Bispectral Index (BIS) Sensor. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting, Belfast 2012*.
12. D. Miller, M. Wiles, K. Parsons. Estimating Weight in Neurosurgical Patients with a Raised BMI: a Recipe for Drug Delivery Errors. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting, Belfast 2012*.



13. Evaluation of the requirements from Critical care in patients undergoing emergency coiling of intracerebral aneurysms. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting*, Newcastle 2011.
14. Fibreoptic intubation rates in a United Kingdom teaching hospital. *Anaesthetic Research Society*, Nottingham 2010.
15. Evaluation of an Online Bronchoscopy Simulator as an Educational Tool. *Society for Education in Anaesthesia (UK)*, Sheffield 2010.
16. Anaesthesia and resuscitation for the endovascular repair of ruptured abdominal aortic aneurysms – has the introduction of local guidelines made a difference? *Vascular Anaesthesia Society of Great Britain & Ireland Annual Meeting*, Kinsale 2009.
17. The impact of an interactive teaching session on the administration of potassium in patients having surgical repair of a fractured neck of femur. *Society for Education in Anaesthesia (UK)*, Gateshead 2009. (Winner of Best Free Paper).

### **Poster Presentations**

#### International

1. McCann C, Wiles MD, Hancock SM. Evaluation of the requirements from Critical care in patients undergoing emergency coiling of intracerebral aneurysms. *European Society of Intensive Care Medicine*, Berlin 2011.
2. Wiles MD, Emery DK, T Moppett IK. The position of the femoral nerve in patients with a proximal femoral fracture. *Euroanaesthesia, European Society of Anaesthesiology*, Amsterdam, 2011.
3. Flack JSC, Todd A, Bland C, Wiles MD. The vasoactive effects of local anaesthesia, ischaemia and heat on forearm skin blood flow. *European Society of Regional Anaesthesia*, Porto 2010.
4. Harber CR, Wiles MD, Harvey DJR, Bogod DG. The ability of anaesthetists to correctly identify the position of the right internal jugular vein using anatomical landmarks. *Euroanaesthesia, European Society of Anaesthesiology*, Helsinki 2010.
5. Harvey DJ, Wiles MD, Moppett IK. UK National Guidelines on Computed Tomographic Investigation of Head Injury – the impact on critical care. *European Society of Intensive Care Medicine*, Vienna 2009.
6. Wiles MD, Dobson SA, Moppett IK. The effect of new topical local anaesthetic delivery system of forearm skin vascular reactivity. *Euroanaesthesia, European Society of Anaesthesiology*, Milan 2009.
7. Wiles MD, Dickson EA, Moppett IK. Transient hyperaemic response to assess skin vascular reactivity: the effect of topical anaesthesia. *Euroanaesthesia, European Society of Anaesthesiology*, Copenhagen 2008.

#### National

1. S.K. Taylor, J.C. Andrzejowski, M.D. Wiles. Effects of Trendelenburg and head rotation on blood volume and its asymmetry, assessed by Cerebrotech, in healthy volunteers. *Neuro Anaesthesia and Critical Care Society of Great Britain & Ireland Annual Meeting*, London, 2017.
2. Sharma A, Wiles M. A review of pre-operative fasting duration. *International Forum on Quality and Safety in Healthcare*, London, 2017.
3. Whitaker J, Sanders MI, Braganza M, Andrzejowski JC, Wiles MD. Determination of preoperative anxiety in neurosurgical patients: a prospective, observational study. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting*, Manchester, 2015.
4. H. Mounsey. M.D. Wiles, M. Ivanov, H. Ioani. An unusual cause of a difficult laryngoscopy. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting*, Sheffield. 2014.
5. A. Leeson, M. Wiles, E. Adiotomre, A. Mannings. Cumulative radiation dose due to diagnostic investigations in polytrauma patients admitted to critical care. *British Society of Orthopaedic Anaesthetists Annual Meeting*, London 2013.
6. S. Pothineedi, J.C. Andrzejowski, M.D. Wiles, U. Patel. Bilateral Bispectral Index (BiBIS): recordings from a patient with vasospasm following clipping of a cerebral aneurysm. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting*, Belfast 2012.
7. AG Howartson, MD Wiles, J Mole. Improving patient safety through multidisciplinary cooperation: venous thromboembolism prophylaxis. *Group of Anaesthetists in Training (GAT) Annual Society Meeting*, Leeds 2011.
8. A. Norris, P. Wakeling, M. Wiles, R. McCahon, M. Bennet. Costs associated with a fibrescope inventory: what role for the disposable scope? *Difficult Airway Society Annual Meeting*, Cheltenham 2010.
9. Corrie KR, Bachra P, Flack JSC, Wiles MD. A survey of blood glucose testing in patients receiving dexamethasone during craniotomy for tumour resection. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting*, Nottingham 2010.
10. Wiles MD. Corrie KR. Flack J, Lamb JM. The internal reliability of a novel OSCE for the assessment of transfusion practice in anaesthesia. *Society for Education in Anaesthesia (UK)*, Sheffield 2010 and *British Blood Transfusion Society Annual Meeting*, Bournemouth 2010.
11. Wiles MD, Armstrong JAM, McCahon RA. Fiberoptic training opportunities in a teaching hospital. *Difficult Airway Society Annual Meeting*, Perth 2009.
12. Armstrong JAM, Wiles MD, Abbott JA. The beneficial effects of adding a written referral card to an anaesthetic on-call handover. *Association of Anaesthetists Annual Congress*, Liverpool 2009
13. Wiles MD, Harvey DJR, Moppett IK. A Prospective Audit of Airway Management in Emergency Department Patients undergoing a CT Scan of the Brain. *Neuroanaesthesia Society of Great Britain & Ireland Annual Meeting*, Liverpool 2009.
14. Wiles MD, Levy DM. Validation of a novel inclinometer for the application of 15° left lateral tilt. *Obstetric Anaesthetists Association Annual Meeting*, Jersey 2009.

15. Wiles MD, Dowling MF, Watson NFS. Knowledge of the National Confidential Enquiry into Patient Outcome and Death (NCEPOD) classifications for the urgency of operations. *Group of Anaesthetists in Training Annual Meeting*, Liverpool 2008.
16. Wiles MD, Brown MM. Anaesthesia and resuscitation for the endovascular repair of ruptured abdominal aortic aneurysms. *Vascular Anaesthesia Society of Great Britain & Ireland Annual Meeting*, Durham 2007. (Winner of Best Poster)