

Publications – OSCCA 2017-18

Papers in peer reviewed journals (n = 27):

1. Ball L, Hemmes SNT, Serpa Neto A, Bluth T, Canet J, Hiesmayr M, Hollmann MW, **Mills GH**, Vidal Melo MF, Putensen C, Schmid W, Severgnini P, Wrigge H, de Abreu MG, Schultz MJ, Pelosi P. Intraoperative Ventilation Settings and Their Associations with Postoperative Pulmonary Complications in Obese Patients. *BJA* 2018 June (on line version). Doi: 10.1015/j.bja. 2018.04.21.
2. Potentially modifiable respiratory variables contributing to outcome in ICU patients without ARDS: a secondary analysis of PRoVENT. Fabienne D. Simonis, Carmen S. V. Barbas, Antonio Artigas Raventós, Jaume Canet, Rogier M. Determann, James Anstey, Goran Hedenstierna, Sabine N. T. Hemmes, Greet Hermans, Michael Hiesmayr, Markus W. Hollmann, Samir Jaber, Ignacio Martin-Loeches, **Gary H. Mills**, Rupert M. Pearce, Christian Putensen, Werner Schmid, Paolo Severgnini, Roger Smith, Tanja A. Treschan, Edda M. Tschernko, Marcos F. Vidal Melo, Hermann Wrigge, Marcelo Gama de Abreu, Paolo Pelosi, Marcus J. Schultz, Ary Serpa Neto, For the PRoVENT investigators, The PROVE Network investigators. *Ann. Intensive Care* 2018 Mar 21;8(1):39. PubMed PMID: 29564726. Pubmed Central PMCID: 5862714. <https://doi.org/10.1186/s13613-018-0385-7>
3. Bluth T, Teichmann R, Kiss T, Bobek I, Canet J, Cinnella G, De Baerdemaeker L, Gregoretti C, Hedenstierna G, Hemmes SN, Hiesmayr M, Hollmann MW, Jaber S, Laffey JG, Licker MJ, Markstaller K, Matot I, Muller G, **Mills GH**, Mulier JP, Putensen C, Rossaint R, Schmitt J, Senturk M, Serpa Neto A, Severgnini P, Sprung J, Vidal Melo MF, Wrigge H, Schultz MJ, Pelosi P, Gama de Abreu M, Protective intraoperative ventilation with higher versus lower levels of positive end-expiratory pressure in obese patients (PROBESE): study protocol for a randomized controlled trial. *Trials*. 2017 Apr 28;18(1):202. PubMed PMID: 28454590. Pubmed Central PMCID: 5410049.
4. Bourne RS, Shulman R, Tomlin M, Borthwick M, Berry W, **Mills GH**. Reliability of clinical impact grading by healthcare professionals of common prescribing error and optimisation cases in critical care patients. *International journal for quality in health care : journal of the International Society for Quality in Health Care*. 2017 Apr 1;29(2):250-5. PubMed PMID: 28453820.
5. Derivation and validation of a prognostic model for post-operative risk stratification of critically ill patients with faecal peritonitis. Ascanio Tridente; Julian Bion; **Gary Mills**; Anthony Gordon; Geraldine Clarke; Andrew Walden; Paula Hutton; Paul Holloway; Jean-Daniel Chiche; Frank Stueber; Christopher Garrard; Charles Hinds. *Annals of Intensive Care* 2017, AOIC-D-16-00387R2
6. Reliability of clinical impact grading by healthcare professionals of common prescribing errors and optimisations in critical care patients. Bourne RS, Shulman R, Tomlin M, Borthwick M, Berry W, **Mills GH**. *Int J Qual Health Care*. 2017 Apr 1;29(2):250-255. doi: 10.1093/intqhc/mzx003
7. Feng shui And Emotional Response in the Critical care Environment (FARCE) study. **Charles R, Glover S, Bauchmuller K**, Wood D. *Anaesthesia*. 2017 Dec;72(12):1528-1531.
8. Grailey A, **Bryden D**, Brett SJ. The Faculty of Intensive Care Medicine Workforce Survey – What impacts on our working lives? *Journal of the Intensive Care Society* (in press).
9. Cruikshanks A, **Bryden DC**. What to do when complications occur. *Anaesthesia* 2018;73 (S1):95–101.
10. Needham MJ, Webb CE, **Bryden DC**. Postoperative Cognitive Dysfunction and Dementia: What We Need to Know and Do. *British Journal of Anaesthesia* 2017; 119 (S1): 115-125.

11. Baharloo B, **Bryden D**, Brett SJ. Deprivation of liberty and intensive care: an update post Ferreira. *Journal of the Intensive Care Society* 2018;19(1):35-42.
12. Randomized feasibility trial of high-intensity interval training before elective abdominal aortic aneurysm repair. Tew GA, Batterham AM, Colling K, Gray J, **Kerr K**, Kothmann E, Nawaz S, Weston M, Yates D and Danjoux G. *BJS* 2017; 104: 1791–1801
13. Prediction of critical care complication type following open abdominal aortic aneurysm repair using novel aspects of cardiopulmonary exercise testing. Walne M, **Kerr K**, **Mills GH**. *BJA: British Journal of Anaesthesia*, Volume 119, Issue 2, 1 August 2017, Pages e21–e30.
14. Randomized feasibility trial of high-intensity interval training before elective abdominal aortic aneurysm repair. G. A. Tew, A. M. Batterham, K. Colling, J. Gray, **K. Kerr**, E. Kothmann, S. Nawaz, M. Weston, D. Yates, G. Danjoux. Paper accepted 11 July 2017. Published online 9 October 2017 in Wiley Online Library (www.bjs.co.uk). DOI: 10.1002/bjs.10669
15. Patients awaiting surgical repair for large abdominal aortic aneurysms can exercise at moderate to hard intensities with a low risk of adverse events. Weston M, Batterham AM, Tew GA, Kothmann E, **Kerr K**, Nawaz S, Yates D and Danjoux G. *Frontiers in Physiology* 2017 Volume 7 article 684. DOI: 10.3389/fphys.2016.00684
16. **Rowlands M**, Walt Gv, Bradley J, **Mannings A**, Armstrong S, Bedforth N, Moppett IK, Sahota O. Femoral Nerve Block Intervention in Neck of Femur Fracture (FINOF): a randomised controlled trial. *BMJ Open* 2018;8:e019650. doi:10.1136/bmjopen-2017-019650.
17. El-Boghdadly K, **Wiles MD**, Atton S, Bailey CR. Adherence to guidance on registration of randomised controlled trials published in Anaesthesia. *Anaesthesia* 2018: In press.
18. AM Esquinas, MO Benhamou, **AJ Glossop**, B Mina. Noninvasive Mechanical Ventilation in Acute Ventilatory Failure: Rationale and Current Applications. *Sleep medicine clinics* 2017; 12 (4), 597-606.
19. MA Braganza, **AJ Glossop**, VA Vora. Treatment withdrawal and end-of-life care in the intensive care unit. *BJA Education* 2017; 17 (12), 396-400.
20. Glover S, **Glossop AJ**. Managing extubation and the post extubation period in ICU. *EMJ Respir.* 2017;5[1]:85-91.
21. Hajat Z, Ahmad N, **Andrzejowski J**. The role and limitations of EEG-based depth of anaesthesia monitoring in theatres and intensive care. *Anaesthesia.* 2017;72 Suppl 1:38-47.
22. The surgical safety checklist and patient outcomes after surgery: a prospective observational cohort study, systematic review and meta-analysis. Abbott TEF, Ahmad T, Phull MK, Fowler AJ, Hewson R, Biccadd BM, Chew MS, Gillies M, Pearse RM; International Surgical Outcomes Study (ISOS) group. **Trainee research group - SHARC recruited to this trial.** *Br J Anaesth.* 2018 Jan;120(1):146-155. doi: 10.1016/j.bja.2017.08.002. Epub 2017 Nov 23.
23. A randomised controlled trial and economic evaluation of intraoperative cell salvage during caesarean section in women at risk of haemorrhage: the SALVO (cell SALVage in Obstetrics) trial. Khan KS, Moore P, **Wilson M**, Hooper R, Allard S, **Wrench I**, Roberts T, McLoughlin C, Beresford L, Geoghegan J, Daniels J, Catling S, Clark VA, Ayuk P, Robson S, Gao-Smith F, Hogg M, Jackson L, Lanz D, Dodds J. *Health Technol Assess.* 2018 Jan;22(2):1-88. doi: 10.3310/hta22020.
24. Cell salvage and donor blood transfusion during cesarean section: A pragmatic, multicentre randomised controlled trial (SALVO). Khan KS, Moore PAS, **Wilson MJ**, Hooper R, Allard S, **Wrench I**, Beresford L, Roberts TE, McLoughlin C, Geoghegan J, Daniels JP, Catling S, Clark VA, Ayuk P, Robson S, Gao-Smith F, Hogg M, Lanz D, Dodds J; SALVO study group. *PLoS Med.* 2017 Dec 19;14(12):e1002471. doi: 10.1371/journal.pmed.1002471. eCollection 2017 Dec.
25. Does the addition of active body warming to in-line intravenous fluid warming prevent maternal hypothermia during elective caesarean section? A randomised controlled trial. **Chebbout R**, **Newton RS**, **Walters M**, **Wrench IJ**, **Woolnough M**. *Int J Obstet Anesth.* 2017 May;31:37-44. doi: 10.1016/j.ijoa.2017.04.008. Epub 2017 Apr 27.

26. Critical care admission following elective surgery was not associated with survival benefit: prospective analysis of data from 27 countries. Kahan BC, Koulenti D, Arvaniti K, Beavis V, Campbell D, Chan M, Moreno R, Pearse RM; International Surgical Outcomes Study (ISOS) group. **Trainee research group - SHARC recruited to this trial**. Intensive Care Med. 2017 Jul;43(7):971-979. doi: 10.1007/s00134-016-4633-8. Epub 2017 Apr 25.
27. Enhanced recovery after elective caesarean: a rapid review of clinical protocols, and an umbrella review of systematic reviews. Corso E, Hind D, Beever D, Fuller G, **Wilson MJ**, **Wrench IJ**, Chambers D. BMC Pregnancy Childbirth. 2017 Mar 20;17(1):91.

National and International Guidelines (n = 6):

1. Faraoni D, Ferrandis R, Geerts W, **Wiles MD** for the ESA VTE Guidelines Task Force. European guidelines on perioperative venous thromboembolism prophylaxis: Neurosurgery. European Journal of Anaesthesiology (EJA) 2017; 34: 1-6.
2. AB Caughey, SL Wood, GA Macones, **IJ Wrench**, J Huang, M Norman, K Pettersson, WJ Fawcett, MM Shalabi, A Metcalfe, L Gramlich, G Nelson, RD Wilson. Guidelines for perioperative care in caesarean delivery: Enhanced Recovery After Surgery Society (ERAS[®]) recommendations.
3. M Davies, M Allen, A Bentley, SC Bourke, B Creagh-Brown, R D'Oliveiro, **A Glossop**, A Gray, P Jacobs, R Mahadeva, R Moses, I Setchfield. British Thoracic Society Quality Standards for acute non-invasive ventilation in adults. BMJ Open Res 2018;0:e000283. doi:10.1136/bmjresp-2018-000283.
4. Nathanson M, **Andrzejowski J** et al. AAGBI/NACCSGBI Guidelines for Safe transfer of the brain-injured patient: trauma and stroke; 2018. Anaesthesia (under review).
5. Palmer J, **Andrzejowski J**, Lakhani et al. Guidelines for the Provision of Neuroanaesthetic Services 2018. <https://www.rcoa.ac.uk/system/files/GPAS-2018-14-NEURO.pdf>
6. **I Wrench**. Member of the Royal College of Midwives group currently writing "Midwifery Practice Guidance for Care of Women in Labour in all Settings in the UK". A national guideline. In preparation.

Editorials and Reviews (n = 5):

1. Value Based Healthcare Delivery; The Strategy that will save the NHS? Editorial in the British Journal of Hospital Medicine, **P Dobbs**.
2. **Wiles MD**. Blood pressure in trauma resuscitation: 'pop the clot' vs. 'drain the brain'? Anaesthesia 2017; 72: 1448-555.
3. **Wiles MD**, Vercueil A. Editor for - Complications of Anaesthesia. Anaesthesia 2018; 73 (S1): 1-101.
4. M Charlesworth, **AJ Glossop**. Strategies for the prevention of postoperative pulmonary complications. Anaesthesia, March 2018. doi.org/10.1111/anae.14288
5. **Mills GH**. Respiratory complications of anaesthesia. Anaesthesia. 2018 Jan;73 Suppl 1:25-33. PubMed PMID: 29313906.

Books/ book chapters (n = 8):

1. **Danny Bryden** - Section Editor, Medicolegal Issues in Obstetrics in Gynaecology, Swati Jha Editor, Springer Verlag, (in press).

2. **Bryden DC.** Epidemiology, Mechanisms and Consequences of Postoperative Cognitive Dysfunction, Cognitive Changes after Surgery, Andrew Severn (Editor), Springer Verlag, 2018.
3. **Alexa Mannings, Damian Doyle** – authors of “Preoperative assessment and premedication/preparation”, chapter in Smith and Aitkenhead’s Textbook of Anaesthesia, 7th Edition.
4. **Damian Doyle, Alexa Mannings** – authors of “Intercurrent disease and anaesthesia”, chapter in Smith and Aitkenhead’s Textbook of Anaesthesia, 7th Edition.
5. **Alexa Mannings** – second author for “Management of the high-risk surgical patient”, chapter in Smith and Aitkenhead’s Textbook of Anaesthesia, 7th Edition.
6. **Wiles MD.** Traumatic Brain Injury. Cases Studies in Adult Intensive Care Medicine, Cambridge University Press; 1 edition (30 April 2017)
7. **Remig Wrazen** wrote a chapter in the ebook “Why Hospitals Fail” for his MBA.
8. **Andrzejowski J, Riley C.** Endocrine system. Chapter in Aitkenhead & Smith Textbook of Anaesthesia 7th Edition. Elsevier (in press).

Letters (n = 4):

1. Combining high-flow nasal cannula oxygen and non-invasive ventilation for pre-oxygenation in the critically ill: is a double-pronged approach warranted? : Discussion on article "Apnoeic oxygenation via high-flow nasal cannula oxygen combined with non-invasive ventilation preoxygenation for intubation in hypoxaemic patients in the intensive care unit: the single-centre, blinded, randomised controlled OPTINIV trial". **Bauchmuller KB, Glossop AJ, De Jong A, Jaber S.** Intensive Care Med. 2017 Feb;43(2):288-290.
2. **AJ Glossop**, AM Esquinas. Successful extubation after weaning failure by noninvasive ventilation in patients with Neuromuscular disease – do we appreciate the bigger picture? Annals of rehabilitation medicine 2017; 41 (5), 897-898
3. **AJ Glossop**, AM Esquinas. High versus low PEEP for abdominal surgery – is it time to consider the middle ground? European Journal of Anaesthesiology 2018; 35 (1), 66-67
4. Takir HB, Esquinas AM, **Glossop AJ.** Inclusion of sepsis and hypoxia in mortality prediction of hospitalized patients with community acquired pneumonia. Respirology 2018; 23 (1), 113-114.