**Name**  Julian Martin Brown

**Emai**l: jules.brown@intensivecaremedicolegal.com

**Date of birth** 30th December 1967

**GMC registration number**3566446

**Current Post (since 2003)**Consultant Anaesthetist with an interest in Intensive Care Medicine,

Southmead Hospital, Bristol

**Clinical Experience:**

**Anaesthesia:** Fifteen years experience as a consultant in Anaesthesia for General, Colorectal, Neurosurgery, Orthopaedic and Trauma surgery

**Intensive Care Medicine:** Fifteen years experience as a consultant in Intensive Care (Neuro, Trauma, General and Burns)

**Qualifications:**

BSc Physiology (2:1) 1989

MB ChB 1992

MRCP(UK) 1995

FRCA 1998

Diploma of Intensive Care Medicine 2002

FICM 2012

Specialist Info Medical Expert course 2018

**Additional posts:**

Examiner for Fellowship of Faculty of Intensive Care Medicine 2012 to date

**Positions of responsibility**

Faculty of Intensive Care Medicine examiner

Intensive care lead for Infection Control

Intensive care representative on Sepsis Committee

Intensive care lead for Antibiotic Stewardship

Anaesthetic department lead for Complaints

Intensive care and anaesthetic department representative for clinical risk committee

Reviewer for Critical Care Medicine, Resuscitation, Neurocritical Care

**Society Memberships**

British Medical Association

Association of Anaesthetists

Royal College of Anaesthetists

Intensive Care Society

Society of Intensive Care of the West of England

Bristol Medico-Legal Society

**Publications:**

Brown JM\*. Comparison of pain from insertion of venous cannulae: a volunteer study *Anaesthesia*. 1998; 53(5): 495

Brown JM. A review of diving medicine for anaesthetists. *Anaesthesia Points West* 1998 30(2)

Brown JM\*, McCormick BA, Vella K, Rowan K. Use of albumin in intensive care units in the United Kingdom. *Critical Care and Resuscitation* 2001;3:19-22

Brown JM, Soar J, Rogers J. Cardiac arrest during surgery and ventilation in the prone position: a case report and systematic review. *Resuscitation* 2001; 50(2): 233-8

Brown JM\*, Dimeski G. Contamination of coagulation tests with heparin from blood gas samples. *British Journal of Anaesthesia*. 2001; 87(4): 628-9

Brown JM, Ryder I, Wilde P, Ciulli F. Diagnostic Dillema: Pulmonary edema following aortic valve replacement. *Journal of Cardiothoracic and Vascular Anesthesia* 2002; 16(1): 123-124

Brown JM\*. The use of echocardiography for hemodynamic monitoring. *Critical Care Medicine* 2002; 30(6):1361-1364

Brown JM\*, Murtha W, Fraser J, Khoury V. Dynamic left ventricular outflow tract obstruction in critically ill patients. *Critical Care and Resuscitation* 2002; 4: 170-172

Brown JM Termination of ventricular tachycardia after methoxamine. *Critical Care and Resuscitation* 2001; 3: 259-261

Twigg S, Brown JM, Williams R. Swelling and cyanosis of the tongue associated with use of a laryngeal mask airway. Anaesthesia and Intensive Care 2000; 28(4): 449

McCormick BA, Brown JM, Davies R, Sanders DJ. Blood conservation (letter) Anaesthesia. 2001; 56(4): 377

Brown JM, Serisier DJ. Guide-wire induced trauma after percutaneous tracheostomy (letter) Anaesthesia and Intensive Care 2000; 28(6): 704

Brown JM. Risk of obstetric morbidity associated with caesarean section eBMJ 2001 bmj.com/cgi/eletters/322/7294/1089#14355

Brown JM, White MC Conversion from suction catheter to guidewire for difficult tracheostomy tube change Anaesth Intensive Care. 2004 Dec;32(6):842

Barnett R, Brown JM Textbook of Critical Care 4th Edition (Book review) Anaesthesia and Intensive Care 2000; 28(4): 456

Brown JM Impact of an Outreach team on re-admissions to a critical care unit (letter) Anaesthesia 2003; 58: 328–32.

Brown JM Chappell O Respiratory Systolic Variation Test to predict fluid responsiveness (letter) British Journal of Anaesthesia 2006 97(1):118

Kumar K, Wimbush S, Brown J Recurrent tracheostomy tube cuff damage following percutaneous tracheostomy (letter) Critical Care and Resuscitation 2005; 7: 258-259

English W, Brown J Anaphylactic and anaphylactoid reactions . Anaesthesia & Intensive Care Medicine , 2008; 8(9) 358 – 360

Smith R, Thomas, Brown J Raised Intra-cranial Pressure-Sodium Bicarbonate as an Alternative Hyperosmolar Treatment Journal of Neurosurgical Anesthesiology: 2008; 20(2): 158

Cook S, Brown J [Perioperative fluid therapy](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B8CXB-4XSSR0B-4&_user=10&_coverDate=12%2F31%2F2009&_alid=1388990791&_rdoc=1&_fmt=high&_orig=search&_cdi=40082&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=bec6d569e9cd083c8d81dfa59546aa8c). Anaesthesia & Intensive Care Medicine, Volume 10, Issue 12, December 2009, Pages 573-575

Bourdeaux C, Brown J Sodium bicarbonate lowers intracranial pressure after traumatic brain injury Neurocritical Care: Volume 13, Issue 1 (2010), Page 24

Taylor SJ, Manara AR, Brown JM Nasointestinal placement versus prokinetic use when treating delayed gastric emptying in ICU patients British Journal of Intensive Care Summer 2010

Taylor SJ, Manara AR, Brown JM Treating Delayed Gastric Emptying in Critical Illness: Metoclopramide, Erythromycin, and Bedside (Cortrak) Nasointestinal Tube Placement Journal of Parenteral and Enteral Nutrition May 2010 34(3): 289-294

[JM. Brown](http://www.resuscitationjournal.com/article/S0300-9572(11)00220-6/abstract##) [CP. Bourdeaux](http://www.resuscitationjournal.com/article/S0300-9572(11)00220-6/abstract##) Predicting neurological outcome in post cardiac arrest patients treated with hypothermia Resuscitation , June 2011[Volume 82, Issue 6](http://www.resuscitationjournal.com/issues?issue_key=S0300-9572(11)X0005-9) , Pages 653-654

[JM. Brown](http://www.resuscitationjournal.com/article/S0300-9572(11)00220-6/abstract##) [CP. Bourdeaux](http://www.resuscitationjournal.com/article/S0300-9572(11)00220-6/abstract##) Randomized controlled trial comparing the effect of 8.4% sodium bicarbonate and 5% sodium chloride on raised intracranial pressure after traumatic brain injury. Neurocritical Care 2011 Volume: 15, Issue: 1 pages 42-45

C Marsh, JM Brown Perioperative fluid therapy Anaesthesia & Intensive Care Medicine, 2012, Volume 13, Issue Pages 594-597

Brown JM, Nickols G, M Garcia G Use of a microbiology database to analyse changes in resistance patterns in the ICU JICS 2012 13( 3) 206-8

Taylor S, Allan K, Helen McWilliam H, Manara A, Brown J,Toher D, Rayner W Confirming nasogastric tube position with electromagnetic tracking versus pH or X-ray and tube radio-opacity British Journal of Nursing, 2014, Vol 23, 1101-6

Kerslake I, Brown J, Davies R Physiological morbidity associated with hip fracture Anaesthesia Volume 69, Issue 10, pages 1172–1173, October 2014

Plumb B, Brown J Fluid therapy for anaesthetists and intensivists Anaesthesia & Intensive Care Medicine 2015 16 (9) 439-442

Brown JM Deprivation of liberty standards in intensive care medicine. Journal of the Intensive Care Society 2015, Vol. 16(1) 87

Brown JM, Smith RN Ebola Journal of the Intensive Care Society 2015, Vol. 16(1) 88

Brown, J. M., Price, S. J. and Price, R. A. (2015), Predicting risk after aneurysm surgery. Anaesthesia, 70: 1320.

Rivers J, Brown J, Dolphin K, and Squire Y. A calibrated measuring tape accurately predicts tidal volumes from ulna length. Journal of the Intensive Care Society, 2015 16(4) 302–305

Brown J. Deprivation of Liberty in Intensive Care: an update. Journal of the Intensive Care Society, vol. 17, 2: pp. 95-96. 2016.

**Brown JM, Snell JM. Legal Liability in Sepsis Cases. Journal of Patient Safety and Risk Management 2018 23(5):201-205**

Taylor SJ, Manara A, Brown J, Allan K, Clemente R, Toher D. Cortrak feeding tube placement: interpretation agreement of the 'GI flexure' system versus X-ray. Br J Nurs. 2020 Jun 25;29(12):662-668.

Brown J, Pope C. Personal protective equipment and possible routes of airborne spread during the COVID-19 pandemic. Anaesthesia. 2020 Aug;75(8):1116-1117

Brown J, Gregson FKA, Shrimpton A, Cook TM, Bzdek BR, Reid JP, Pickering AE. A quantitative evaluation of aerosol generation during tracheal intubation and extubation. Anaesthesia. 2020 Oct 6.

Ramesh AV, Collin I, Gregson FK, Brown J. Aerosol generation during percutaneous tracheostomy insertion. Journal of the Intensive Care Society. December 2020. doi:10.1177/1751143720977278

Shrimpton, A., Brown, J., Cook, T.M. and Pickering, A.E. (2021), Airway procedures: the importance of distinguishing between high risk and aerosol generation. Anaesthesia. <https://doi.org/10.1111/anae.15383>

Shrimpton, A., Gregson, F.K.A., Cook, T.M., Brown, J., Bzdek, B.R., Reid, J.P. and Pickering, A.E. (2021), A quantitative evaluation of aerosol generation during tracheal intubation and extubation: a reply. Anaesthesia. <https://doi.org/10.1111/anae.15345>

Tim M Cook, Kariem El-Boghdadly, Jules Brown and Anthony E Pickering The safety of anaesthetists and intensivists during the first COVID-19 surge supports extension of use of airborne protection PPE to ward staff

Clinical Medicine 2020, Vol 21 No 2 March 2021

Gregson FKA, Shrimpton AJ, Hamilton F, Cook TM, Reid JP, Pickering AE, Pournaras DJ, Bzdek BR, Brown J; AERATOR group. Identification of the source events for aerosol generation during oesophago-gastro-duodenoscopy. Gut. 2021 Jun 29:gutjnl-2021-324588. doi: 10.1136/gutjnl-2021-324588.

Shrimpton, A.J., Gregson, F.K.A., Brown, J.M., Cook, T.M., Bzdek, B.R., Hamilton, F., Reid, J.P., Pickering, A.E. and (2021), A quantitative evaluation of aerosol generation during supraglottic airway insertion and removal. Anaesthesia. <https://doi.org/10.1111/anae.15542>

Florence K. A. Gregson, Sadiyah Sheikh, Justice Archer, Henry E. Symons, Jim S. Walker, Allen E. Haddrell, Christopher M. Orton, Fergus W. Hamilton, Jules M. Brown, Bryan R. Bzdek & Jonathan P. Reid (2021) Analytical challenges when sampling and characterising exhaled aerosol, Aerosol Science and Technology, DOI: 10.1080/02786826.2021.1990207

Shrimpton, A.J., Brown, J.M., Gregson, F.K.A., Cook, T.M., Scott, D.A., McGain, F., Humphries, R.S., Dhillon, R.S., Reid, J.P., Hamilton, F., Bzdek, B.R., Pickering, A.E. and (2021), Quantitative evaluation of aerosol generation during manual facemask ventilation. Anaesthesia. <https://doi.org/10.1111/anae.15599>

Taylor S, Sayer K, Milne D, Brown J, Zeino Z. Integrated real-time imaging system, 'IRIS', Kangaroo feeding tube: a guide to placement and image interpretation. BMJ Open Gastroenterol. 2021 Oct;8(1):e000768.

Hamilton FW, Gregson FKA, Arnold DT, Sheikh S, Ward K, Brown J, Moran E, White C, Morley AJ; AERATOR Group, Bzdek BR, Reid JP, Maskell NA, Dodd JW. Aerosol emission from the respiratory tract: an analysis of aerosol generation from oxygen delivery systems Thorax  Published Online First: 04 November 2021. doi: 10.1136/thoraxjnl-2021-217577

Sheikh S, Hamilton FW, Nava GW, Gregson FKA, Arnold DT, Riley C, Brown J; AERATOR Group, Reid JP, Bzdek BR, Maskell NA, Dodd JW. Are aerosols generated during lung function testing in patients and healthy volunteers? Results from the AERATOR study Thorax  Published Online First: 02 November 2021. doi: 10.1136/thoraxjnl-2021-217671

Shrimpton A, Brown J, Cook T, Penfold, C, Reid J, Pickering A A quantitative evaluation of aerosol generation from upper airway suctioning assessed during tracheal intubation and extubation sequences in anaesthetised patients

Journal of Hospital Infection March 08, 2022 DOI:https://doi.org/10.1016/j.jhin.2022.02.021

**Medicolegal experience**

I have been doing medicolegal work since 2008. I typically do a mix of claimant (40%), defendant (30%) and criminal / coronial (30%). I undertake 20-30 new cases per year and would expect 2-3 attended court cases per year. I aim to provide reports within 3 weeks of receiving the records and do not carry out face to face patient assessments as these are not relevant to my practice.