

CONCISE CURRICULUM VITAE for Dr Daniel Harvey

Contact Details

- Adult Intensive Care Unit, Queen's Medical Centre Campus, Nottingham University Hospitals NHS Trust, Derby Road, Nottingham, NG7 2UH
- danjharvey@gmail.com / dan.harvey@nhsbt.nhs.uk
- 07815138205
- GMC 4645586

Current Roles / Positions

- **Consultant Adult Critical Care & Research Lead, Nottingham University Hospitals NHS Trust**
2011 -
- **National Lead for Innovation & Research in for Organ Donation, NHS Blood & Transplant**
2018 –
- **Chair, Legal & Ethical Advisory Group, Intensive Care Society.**
2020 -
- **Research, Innovation & Novel Technologies Advisory Group (RINTAG), NHS Blood & Transplant, Donation Representative**
2018 -
- **External Review Board, Canadian National Transplant Research Program**
2017
- **Honorary Associate Professor of Intensive Care Medicine, University of Nottingham.**
2014 -
- **Vice Chair, Critical Care Speciality Group, National Institute of Health Research (NIHR)**
2014 -
- **Speciality Lead for Critical Care, East Midlands Clinical Research Network, National Institute of Health Research**
2014 –
- **Chair, Devastating Brain Injury Consensus Group, Faculty of Intensive Care Medicine**
2017
- **Professional Standards Committee, Faculty of Intensive Care Medicine**
2015 -
- **Standards & Guidelines Committee, Intensive Care Society, 2011-15, & 2018 - 2020**

Qualifications

- **BMedSci**, University of Nottingham, 1997
- **BMBS**, University of Nottingham, 1999
- **MRCP**, Member of the Royal College of Physicians, London. 2003
- **FRCA**, Fellow of the Royal College of Anaesthetists, London, 2007
- **PgDipMEL**, Postgraduate Diploma in Medical Ethics & Law, Keele University, 2010
- **DICM**, Diploma in Intensive Care Medicine, UK, 2011.
- **FFICM**, Fellow of the Faculty of Intensive Care Medicine, UK, 2011.
- **Accredited Mediator**, London School of Mediation, 2017

Relevant Specific Experience

- Chaired Devastating Brain Injury Guidance Group 2018. Facilitated multiple professional organisations in a stakeholder process to agree consensus guidance in an area of clinical practise of considerable ethical challenge. Resulting guidance widely recognised to have positively changed UK practise, and supported excellent patient centred ethical decision making. BJA top 3 most downloaded papers of 2018.
- Co-Lead, Peri-Mortem Interventions Consensus Guidance. This current project co-lead by the ICS and NHSBT seeks to build consensus for ethical and practical guidance in end of life care which includes organ donation on the ICU.
- Stakeholder expert contributor, FICM End of Life Working Party. I have contributed to the recently published guidance on end of life care in the ICU, which has expanded on the End of Life guidance within GPICS 1, of which I was the lead author.
- Co-developer of the MORAL Balance ethical decision making framework (see publication 2). I have incorporated this framework into the National Deceased Donation Course, the only currently available education and training for ICM trainees in advanced ethical decision making and communication. Received excellent feedback on utility and relevance.
- Faculty – Pilot FICM course Ethical Decision Making in ICU. Developed with investigators from a recent NIHR funded study into ICU admissions in the UK (which included our centre). Designed to provide pragmatic, practical and applicable theoretical education in ethics for clinicians in acute specialities.
- ICS Paediatric Transition Working Group – expert advisor to current project aiming to provide consensus guidance for the transition of paediatric patients with complex needs to adult critical care services.
- I am an expert contributor to Organ Donation (Deemed Consent) Act 2019 Code of Practise stakeholder process to ensure the code of practise accompanying the new legislation incorporates practicable guidance.
- Member of FICM Medical Mediators Database and accredited mediator

Research

Co-Chief Investigator SIGNET Study

Principle Investigator for > 20 NIHR multi-centre, randomised controlled trials in addition to observational and commercial trials. Chief Investigator for DePPaRT trial (UK arm).

PhD co-supervisor at University of Nottingham & external examiner; BMedSci program Sheffield University Medical School & PhD University of Cambridge.

Publications

1. REMAP-CAP Investigators, Gordon AC, Mouncey PR, et al. Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19. *N Engl J Med*. February 2021. doi:10.1056/NEJMoa2100433.
2. Dhanani S, Hornby L, van Beinum A, et al. Resumption of Cardiac Activity after Withdrawal of Life-Sustaining Measures. *N Engl J Med*. 2021;384(4):345-352. doi:10.1056/NEJMoa2022713.
3. Ravanan R, Callaghan CJ, Mumford L, et al. SARS-CoV-2 infection and early mortality of wait-listed and solid organ transplant recipients in England: a national cohort study. *Am J Transplant*. August 2020;ajt.16247–12. doi:10.1111/ajt.16247.
4. The Writing Committee for the REMAP-CAP Investigators, Angus DC, Derde L, et al. Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19. *JAMA*. September 2020;1-13. doi:10.1001/jama.2020.17022.
5. Harvey D, Gardiner D, McGee A, DeBeer T, Shaw D. CRITCON-Pandemic levels: A stepwise ethical approach to clinician responsibility. *Journal of the Intensive Care Society*. 2020;36:175114372095054-175114372095058. doi:10.1177/1751143720950542.
6. Montgomery J, Stokes-Lampard HJ, Griffiths MD, Gardiner D, Harvey D, Suntharalingam G. Assessing whether COVID-19 patients will benefit from critical care, and an objective approach to capacity challenges during a pandemic: An Intensive Care Society clinical guideline. *Journal of the Intensive Care Society*. August 2020:175114372094853-175114372094857. doi:10.1177/1751143720948537.
7. Cooper J, Harvey D, Gardiner D. Examining consent for interventional research in potential deceased organ donors: a narrative review. *Anaesthesia*. 2020 Apr 24;:1–7.
8. Bera KD, Shah A, English MR, Harvey D, Ploeg RJ. Optimisation of the organ donor and effects on transplanted organs: a narrative review on current practice and future directions. *Anaesthesia*. 2020 May 19;7:e014436–14.
9. Moppett IK, Gardiner D, Harvey DJR. Guidance in an uncertain world. *Br J Anaesth*; 2020 Apr 20;:1–3.
10. Manara A, Shemie SD, Large S, Healey A, Baker A, Badiwala M, et al. Maintaining the permanence principle for death during in situ normothermic regional perfusion for donation after circulatory death organ recovery: A United Kingdom and Canadian proposal. *Am J Transplant*. John Wiley & Sons, Ltd; 2020 Jan 27;74(7):285–9.
11. Management of perceived devastating brain injury after hospital admission: a consensus statement from stakeholder professional organizations. Harvey, D, Butler, J., Groves, J., Manara, A., Menon, D., Thomas, E., & Wilson, M. (2018). *British Journal of Anaesthesia*, 120(1), 138–145. <http://doi.org/10.1016/j.bja.2017.10.002>
12. Ranieri VM, Pettilä V, Karvonen MK, Jalkanen J, Nightingale P, Brealey D, et al. Effect of Intravenous Interferon β -1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome. *JAMA*. 2020 Feb 25;323(8):725–9.
13. The STARRT-AKI Investigators. Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury. *N Engl J Med*. 2020 Jul 16;383(3):240–51.

14. Harvey DJR, Gardiner D. 'MORAL balance' decision-making in critical care. *BJA Education. British Journal of Anaesthesia*; 2019 Mar 1;19(3):68–73.
15. Allen JC, Gardner DS, Skinner H, Harvey D, Sharman A, Devonald MAJ. Definition of hourly urine output influences reported incidence and staging of acute kidney injury. *BMC Nephrol. BMC Nephrology*; 2020 Jan 14;21(1):1–8.
16. Lamontagne F, Richards-Belle A, Thomas K, Harrison DA, Sadique MZ, Grieve RD, et al. Effect of Reduced Exposure to Vasopressors on 90-Day Mortality in Older Critically Ill Patients With Vasodilatory Hypotension. *JAMA*. 2020 Feb 12;:1–12.
17. Kurmoo Y, Hook AL, Harvey D, Dubern J-F, Williams P, Morgan SP, et al. Real time monitoring of biofilm formation on coated medical devices for the reduction and interception of bacterial infections. *Biomater Sci. Royal Society of Chemistry*; 2020;165(5):867–14.
18. Oh WC, Mafrici B, Rigby M, Harvey D, Sharman A, Allen JC, et al. Micronutrient and Amino Acid Losses During Renal Replacement Therapy for Acute Kidney Injury. *Kidney International Reports. Elsevier Inc*; 2019 Aug 1;4(8):1094–108.
19. Global patient outcomes after elective surgery: prospective cohort study in 27 low, middle and high income countries. *British Journal of Anaesthesia*, 117(5), 601–609. <http://doi.org/10.1093/bja/aew316>
20. Characterization and Use of a Fiber Optic Sensor Based on PAH/SiO₂ Film for Humidity Sensing in Ventilator Care Equipment. Hernandez, F. U., Morgan, S. P., Hayes-Gill, B. R., Harvey, D, Kinnear, W., Norris, A., et al. (2016). *IEEE Transactions on Biomedical Engineering*, 63(9), 1985–1992. <http://doi.org/10.1109/TBME.2016.2521662>
21. Hypothermia for Intracranial Hypertension after Traumatic Brain Injury. Andrews, PJD., et al (2016). *New England Journal of Medicine*, 374(14), 1385–1385. <http://doi.org/10.1056/NEJMc1600339>
22. Trial of Early, Goal-Directed Resuscitation for Septic Shock, Mouncey, P et al. *New England Journal of Medicine*, 372(14),1301–1311. <http://doi.org/10.1056/NEJMoa1500896>
23. Computational Modelling of Blast Lung - Is there potential for benefit?. Harvey, D & Hardman J. *Philosophical Transactions of the Royal Society B (2011)* 366, 300–305 doi:10.1098/rstb.2010.0250
24. Computed tomography of the brain in the emergency department: how often is tracheal intubation and general anaesthesia required? Wiles MD, Harvey DJR, Coleman J, Moppett IK. *European Journal of Emergency Medicine*. April 2011,18(2):115-116. doi: 10.1097/MEJ.0b013e32833ce705
25. The ability of anaesthetists to correctly identify the position of the right internal jugular vein using anatomical landmarks. Harber CR, Harvey DJR, Wiles MD, Bogod DG. *Anaesthesia* 2010; 65: 885-888.
26. Implementing a regional training programme in Intensive Care Medicine. Gardiner, D & Harvey, D. *Royal College of Anaesthetists Bulletin*. May 2010. No 61, p.46-48.
27. UK National Guidelines of CT Investigation of Head Injury - The Impact on Critical Care Services. *Intensive Care Medicine*. Sept 2009: Vol 35; Supp 1. S72.
28. Survey of the use of Capnography in UK intensive Care Units. Harvey DJR, Thomas AN. *Journal of the Intensive Care Society*, 2010; Vol 11:1, 34-6.

National Guidelines

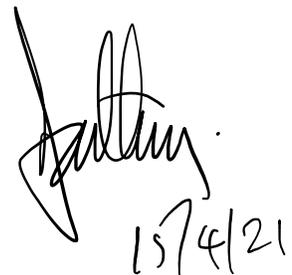
1. Assessing whether patients with COVID 19 will benefit from critical care, an objective approach to capacity challenges. The Intensive Care Society, 2020
2. Guidelines for the Provision of Intensive Care Services. Editor, 2015 & 2018.
3. Outcomes in Intensive Care. Guidelines for the Provision of Intensive Care Services. Faculty of Intensive Care Medicine, 2018
4. End of Life Care. Guidelines for the Provision of Intensive Care Services. Faculty of Intensive Care Medicine, 2015
5. Standards for Capnography in Intensive Care Units. Intensive Care Society, 2014.

Books

1. Intensive Care, in *Aikenhead & Smiths Textbook of Anaesthesia*, 7th Edition, Oxford University Press. 2019
2. *Oxford Handbook of Emergencies in Intensive Care*, Beed M, Sherman R & Majahan R. 2007. Oxford University Press.
3. *Oxford Handbook of Emergencies in Critical Care – 2nd Edition*, Beed M, Sherman R & Majahan R. 2013. Oxford University Press.

Selected Invited Expert Lectures / Faculty Positions

- British Transplant Society / NHS Blood & Transplant Annual Congress, 2019 & 2021
- Neuro Anaesthesia and Critical Care Society, 2018
- Ethical, Legal and Psychosocial Aspects of Transplantation, Kraków 2019
- Intensive Care Society, State of the Art Conference, London, 2016, 2017, 2018 & 2019
- Canadian National Transplant Research Program 4th Annual Meeting, 2017
- UK Regional ICM – Wessex, North West & East Midlands ICM Meetings, 2019
- RINTAG Stakeholder Conference, NHS Blood & Transplant, 2018
- Association of Anaesthetists of Great Britain & Ireland, Core Topics, 2018
- Royal College of Anaesthetists, Ethics & Law for Anaesthetists, 2016 & 2017
- Society for Acute Medicine, Annual Conference, 2017
- Scottish Intensive Care Society Audit Group, Annual Conference, 2017
- Intensive Care Society, Ethics at the End of Life Seminar, 2017
- Paediatric Intensive Care Society, Annual Conference, 2017



Handwritten signature and date: 15/4/21