

# Curriculum Vitae

**Prof Barbara Philips BSc (hons), MBBS, MD, FFICM, SFHEA**

Professor of Intensive Care Medicine

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## Qualifications

BSc (Hons) Nutrition with Basic Medical Sciences 1st Class 1985

MBBS. (London) 1988

FRCA. (London) 1993

DICM (Diploma in Intensive Care Medicine) 1999

MD. (University of London) 1999

FFICM. (Founding Fellow) 2011

SFHEA. (Higher Education Academy) 2018

## Expert Opinion experience

I have been writing expert witness reports since 2013 and these have included instructions from Coroners, Solicitors in medical negligence claims and the Police in criminal cases. I have completed over 60 reports.

I have attended expert witness courses with the British Medical Association and Specialist Info. My last update was in March 2019. These have included courses on report writing and court room skills. I am aware of my obligations to the court and have read part 35 of the Civil Procedure Rules and the accompanying practice direction. I have read the "Protocol for Instruction of Experts to give Evidence in Civil Claims" and am aware of the Code of Practice for Experts.

## Clinical experience

I am a medical academic. My work is full time and comprised of 60% direct clinical duties and 40% clinical research. When on clinical duties I am the consultant responsible for one of three busy adult intensive care units covering a wide range of medical and surgical specialities.

Until 2018, I was also responsible for anaesthetising patients in theatres, mainly endocrine and breast surgery.

My areas of specialist interest include

Sepsis, general intensive care medicine, acute kidney injury, endocrine emergencies and neuro-intensive care, peri-operative medicine and prescribing in critical illness.

For anaesthesia I have expertise in general anaesthesia, anaesthesia for endocrine and breast surgery, general and vascular surgery and orthopaedic surgery.

### External Bodies

1. Editor-in-Chief for Critical Illness Prescribing, New publication from Pharm Press 2020 -
2. Senior Editor for Scientific Reports (Nature) 2019 – to date
3. Lead Examiner for the FICM (SOE section) 2019- to date
4. Co-opted member on committee of Women in Intensive Care Medicine, 2022 -
5. Advisory board member for British Journal of Anaesthesia 2013 - 2021
6. Elected Council Member, Intensive Care Society (UK) 2013 – 2016
7. Board Member, pan London AKI group (LAKIN) 2012 – 2016
8. Advisory board member for Critical Care 2013 – 2016
9. RCoA representative on working group of the British Association of Endocrine and Thyroid Surgery (BAETS) 2013 – 2016
10. Chair Critical Care speciality group South London Comprehensive Local Research Network (CLRN) 2011 - 2016

### Recent Publications (4 years):

1. Shah RV, et al. Population Pharmacokinetic Study of Benzylpenicillin in Critically Unwell Adults. *Antibiotics* (Basel). 2023 Mar 24;12(4):643.
2. Hanks, F., et al., How critical illness impacts drug pharmacokinetics and pharmacodynamics. *The Pharmaceutical Journal*, 2022.
3. Dawson, D., et al., Sound in Time: An observational study to identify the sources of sound and their relative contribution to the sound environment of an intensive care unit. *Applied Acoustics*, 2022. 188: p. 108485.
4. Cumberworth, J., et al., Mortality and readmission rates of patients discharged in-hours and out-of-hours from a British ICU over a 3-year period. *Sci Rep*, 2022. 12(1): p. 6659.
5. Robinson, A.V., et al., Real-world experience of SARS-CoV-2 antibody assays in UK healthcare workers. *Clin Med (Lond)*, 2021. 21(3): p. e300-e305.
6. Philips B, McKenzie C, Barton G. Editors-in-Chief. Critical illness prescribing. Published Pharm Press. Jan 2021. <https://www.medicinescomplete.com/#/browse/critical>
7. Cumberworth J, Chequers M, Bremner S, Boyd O, Philips B. Mortality and readmission rates of patients discharged in-hours and out-of-hours from a British ICU over a 3-year period. *Sci Rep*. 2022 Apr 22;12(1):6659. doi: 10.1038/s41598-022-10613-1. PMID: 35459776; PMCID: PMC9033845.
8. Dawson D, Barham R, Hamilton M, Philips B, Sound in Time: An observational study to identify the sources of sound and their relative contribution to the sound environment of an intensive care unit, *Applied Acoustics*, Volume 188, 2022,

9. REMAP-CAP Investigators; ACTIV-4a Investigators; ATTACC Investigators, Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. *N Engl J Med*. 2021 Aug 26;385(9):777-789.
10. ATTACC Investigators; ACTIV-4a Investigators; REMAP-CAP Investigators. Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. *N Engl J Med*. 2021 Aug 26;385(9):790-802.
11. Arabi YM, et al. REMAP-CAP Investigators. Lopinavir-ritonavir and hydroxychloroquine for critically ill patients with COVID-19: REMAP-CAP randomized controlled trial. *Intensive Care Med*. 2021 Aug;47(8):867-886. doi: 10.1007/s00134-021-06448-5. Epub 2021 Jul 12. PMID: 34251506; PMCID: PMC8274471.
12. Robinson AV, Weaving G, Philips BJ, Eziefula AC, Shipman KE, Chevassut T. Real-world experience of SARS-CoV-2 antibody assays in UK healthcare workers. *Clin Med (Lond)*. 2021 May;21(3):e300-e305.
13. REMAP-CAP Investigators, Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19. *N Engl J Med*. 2021 Apr 22;384(16):1491-1502.
14. Lonsdale DO, et al, Beta-Lactam antimicrobial pharmacokinetics and target attainment in critically ill patients aged 1 day to 90 years: the ABDose study. *J Antimicrob Chemother* 2020.
15. Ostermann M et al and conference collaborators. Controversies in acute kidney injury: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Conference. *Practice Guideline Kidney Int* 2020 Aug;98(2):294-309
16. Beigel, J.H., et al., Remdesivir for the Treatment of Covid-19 — Preliminary Report. *New England Journal of Medicine*, 2020.
17. 54. Stoneham, S.M., et al., Thrombotic risk in COVID-19: a case series and case-control study. *Clin Med (Lond)*, 2020
18. Bennett V, **Philips B, J.** (2019) Diabetic Ketoacidosis. In: Waldmann C, Soni N, Rhodes A (eds) *Oxford Desk Reference, Critical Care*. Oxford University Press, Oxford.
19. Bennett V, **Philips B, J.** (2019) Hyperosmolar diabetic emergencies. In: Waldmann C, Soni N, Rhodes A (eds) *Oxford Desk Reference, Critical Care*. Oxford University Press, Oxford.
20. Bennett V, **Philips B, J.** (2019) Thyroid emergencies: thyroid crisis/thyrotoxic storm. In: Waldmann C, Soni N, Rhodes A (eds) *Oxford Desk Reference, Critical Care*. Oxford University Press, Oxford.
21. Bennett V, **Philips B, J.** (2019) Thyroid Emergencies: myxoedema coma. In: Waldmann C, Soni N, Rhodes A (eds) *Oxford Desk Reference, Critical Care*. Oxford University Press, Oxford.
22. Lonsdale D, Baker K, Kipper K, Barker C, **Philips B** et al Scaling beta-lactam antimicrobial pharmacokinetics from early life to old age. *Br J Clin Pharmacol*. 2019 Feb;85(2):316-346