Dr Jamie Coleman ChB, MA (Medical Education), MD, MRCP(UK)

Senior Lecturer in Clinical Pharmacology

Pharmacy and Therapeutics

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About

Jamie Coleman is a clinical academic who holds a HEFCE-funded senior lecturership in Clinical Pharmacology and Medical Education. He is currently head of year 3 of the MBChB programme, Therapeutics Lead for the BDS Dentistry course, and a senior clinical examiner for Year 5 MBChB in Medicine and Therapeutics. He also chairs the National Prescribing Skills Assessment Board, is a member of the Pharmacovigilance Expert Advisory Group of the MHRA and sits on the British National Formulary Advisory Board.

His research programme covers patient safety and in particular electronic prescribing for which he is nationally recognised. He leads a multi-method applied health research team investigating information technology and safety funded by the NIHR Collaborations in Applied Health Research and Social Care (CLAHRC) scheme and is co-investigator on an NIHR funded programme grant investigating electronic prescribing implementation in hospitals in the UK.

He maintains a strong interest in educational research and is currently working with colleagues in the Medical Education Unit and the School of Education in the University on several projects in undergraduate medical education and interprofessional learning.

Qualifications

- MBChB Birmingham 1999
- Membership to the Royal College of Physicians 2002
- MD Birmingham 2009
- MA Medical Education 2009

Biography

Jamie Coleman was born and brought up in the West Midlands. He followed his father, who was an alumnus of the University of Birmingham, to study medicine from 1994-1999. Having worked in many of the teaching hospitals in the Birmingham Area, Jamie developed an early interest in medical education and started as a personal tutor at the medical school in 2003.

During his registrar training he was an honorary lecturer in the College of Medical and Dental Sciences and became heavily involved in educational development across various years of the MBChB course. From 2003-2008 Jamie completed both his MD and MA Medical Education simultaneously. He took up an honorary consultant post in late 2008 and then worked for 18 months as a locum consultant at University Hospitals Birmingham NHS Foundation Trust before obtaining a competitive HEFCE-funded Senior Lecturership.

Jamie has previously worked on a national basis for the National Programme for Information Technology and now is the clinical lead at UHBFT for electronic prescribing. Much of his research interests revolve around elements of prescribing safety and the analysis of routinely collected prescription data from both primary and secondary care.

Teaching

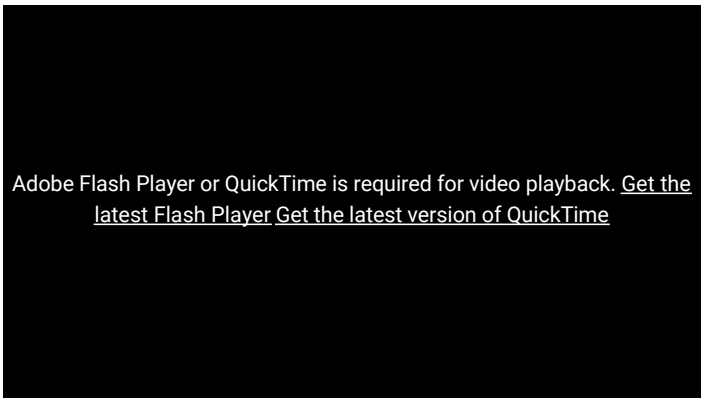
- Year 3 Lead MBChB
- Year 5 Therapeutics Teacher and Examiner
- Year 5 Medicine Examiner
- Physicians Assistants General Medicine and Therapeutics
- MSc Toxicology (Bio Sciences)
- Post-graduate courses in cardiovascular medicine
- BDS year 3 therapeutics

Postgraduate supervision

- PhD supervisor
- MD supervisor
- MPH supervisor

Research

- Drug Safety Research and Adverse Drug Reactions
- Improving Patient Safety using Information Technology (CLAHRC Research Theme)
- Hypertension Research
- Health Informatics
- Medical Education



Other activities

- Honorary Consultant Physician and Clinical Pharmacologist – University Hospitals Birmingham NHS Foundation Trust
- Advisor to the British National Formulary on education and digital development
- Member of the educational subcommittee of the British Society of Antimicrobial Chemotherapy
- Member of Pharmacovigilance Expert Advisory Committee of MHRA
- Editorial Board, Drugs and Therapeutics Bulletin

Publications

Coleman JJ, Hodson J, Ferner RE. Deriving dose limits for warnings in electronic prescribing systems: statistical analysis of prescription data at University Hospital Birmingham, UK. Drug Safety 2012 Apr 1;35(4):291-8.

Coleman JJ, McDowell SE. Clinical Pharmacology: The potential of the internet. Br J Clin Pharmacol. 2012 Jun;73(6):953-8.

Nirantharakumar K, Chen YF, Marshall T, Webber J, Coleman JJ. Clinical decision support systems in the care of inpatients with diabetes in non-critical care setting: systematic review. Diabet Med. 2012 Jun;29(6):698-708.

Coleman JJ, McDowell SE, Ferner RE. Dose omissions in hospitalized patients in a UK hospital: an analysis of the relative contribution of adverse drug reactions. Drug Safety 2012 Aug 1;35(8):677-83.

Nwulu U, Nirantharakumar K, Odesanya R, McDowell SE, Coleman JJ. Improvement in the detection of adverse drug events by the use of electronic health and prescription records: An evaluation of two trigger tools. European Journal of Clinical Pharmacology. 2012 Jun 17. (ePublished ahead of print)

Nirantharakumar K, Marshall T, Hodson J, Narendran P, Deeks J, Coleman JJ, Ferner RE.Hypoglycemia in non-diabetic in-patients: clinical or criminal? PLoS One. 2012;7(7):e40384. Epub 2012 Jul 2.

Nwulu U, Westwood D, Edwards D, Kelliher F, Coleman JJ. Adoption of an electronic observation chart with an integrated early warning scoring system on pilot wards: a descriptive report. Comput Inform Nurs. 2012 Jul;30(7):371-9.

Nirantharakumar K, Marshall T, Kennedy A, Narendran P, Hemming K, Coleman JJ. Hypoglycaemia is associated with increased length of stay and mortality in people with diabetes who are hospitalized. Diabetic Medicine 2012 Aug 31. doi: 10.1111/dme.12002. (ePublished ahead of print)

Coleman JJ, Nwulu U, Ferner RE. Decision support for sensible dosing in electronic prescribing systems. J Clin Pharm Ther. 2012 Aug;37(4):415-9

Buckley S, Hensman M, Thomas S, Dudley R, Nevin G, Coleman J. Developing interprofessional simulation in the undergraduate setting: Experience with five different professional groups. J Interprof Care. 2012 Sep;26(5):362-9.

Expertise

Prescribing and drug treatments; how computers are used to prescribe in hospitals to improve safety and quality of patient care

Alternative contact number available for this expert: **contact the press office (http://www.birmingham.ac.uk/news/contacts/index.aspx)**

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