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Dr Anthony R Cox BSc PhD MRPharmS Clin Dip Pharm

Lecturer in Clinical Pharmacy
Joint Academic Programme Lead MPharm

Pharmacy, Pharmacology and Therapeutics

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About

Anthony is part of the team leading the development of new pharmacy developments within the College of Medical and Dental Science.

Anthony has wide experience of teaching in pharmacy at both undergraduate and postgraduate levels. and has participated in medical education for a number of years. He has a keen interest in the safety of medicines, and is senior pharmacist at the West Midlands Centre for Adverse Drug Reactions based at City Hospital, which is a Regional Yellow Card Centre of the Medicines and Healthcare products Regulatory Agency.

Anthony is a highly engaged member of the pharmacy profession, who has served in a number of roles at the Royal Pharmaceutical Society, and on editorial boards. He is currently on the steering committee of the Birmingham and Solihull Local Practice Forum and is an elected member of the Royal Pharmaceutical Society, English National Board.

Qualifications

- PG Cert HE 2012
- Member of the British Pharmacological Society (& Clinical Section) 2008
- PhD 2008
- Clin Dip Pharm 1995
- MRPharmS 1992
- BSc (Hons) Pharmacy 1991

Biography

Anthony Cox graduated with a BSc (Hons) Pharmacy in 1991 from Leicester Polytechnic. After a pre-registration year in the hospital sector, he became a registered pharmacist in 1992, working in the community sector several months. From 1993, Anthony worked within the major hospitals within the West Midlands in a variety of managerial and clinical roles, including clinical services pharmacist, directorate pharmacist, and pre-registration tutor. IN 1995 he completed his Clinical Diploma in Pharmacy at Keele University.

In 1999, Anthony was appointed as a Teacher-Practitioner at Aston University, and specialising in cardiology. An interest in the harms of medication led to a role at the West Midlands Centre for Adverse Reactions in 2000, and his interest in research and teaching led to his appointment in 2002 as a Teaching Fellow at Aston University where he obtained his PhD. In 2009 he was appointed as a lecturer in clinical pharmacy at Aston.

In September 2011, Anthony joined the staff at the College of Medicine and Dentistry as a lecturer to help build the exciting developments in pharmacy at the University of Birmingham.

Teaching

- Pharmacy Post-Graduate Programmes
- Undergraduate MPharm

Postgraduate supervision

Anthony is interested in supervising research projects in the following areas:

- Pharmaceutical Care
- Clinical Pharmacy
- Medicines Adherence
- Drug Safety
- Pharmacovigilance

Research

Anthony's central research interest is drug safety in clinical therapeutics, in relation to adverse drug reactions (ADRs), pharmacovigilance, medication errors, and the role pharmacists have in the safe use of medicines. Recently, he has focused on the patient experience of adverse drug reactions.

Anthony was recently part of a successful bid to improve junior doctor prescribing.

Optimising prescribing through education.

SCRIPT West Midlands SHA Prescribing Project - Raising Standards of Prescribing Competency in Foundation Year 1.(**www.safeprescriber.org (http://www.safeprescriber.org)**) This is a partnership between the medical schools at Birmingham and Warwick Universities. John leads the partnership funded by the WM SHA to develop an electronic prescribing education toolkit for F1 prescribers. This is a project in which 40 modules are being developed in an interactive electronic web based format to improve the competency of F1 prescribing. The evaluation of these modules is on-going.) This is a partnership between the medical schools at Birmingham and Warwick Universities. John leads the partnership funded by the WM SHA to develop an electronic prescribing education toolkit for F1 prescribers. This is a project in which 40 modules are being developed in an interactive electronic web based format to improve the competency of F1 prescribing. The evaluation of these modules is on-going

Other activities

Senior Pharmacovigilance Pharmacist, West Midlands Centre for Adverse Drug Reactions

Publications

Lorimer S, Cox AR, Langford NJ. A patient's perspective: the impact of adverse drug reactions on patients and their views on reporting. **Journal of Clinical Pharmacy and Therapeutics** 2012;37:148-152

Butt TF, Cox AR**,** Lewis H, Ferner RE. Patient Experiences of Serious Adverse Drug Reactions and Their Attitudes to Medicines. **Drug Safety** 2011;34(4):319-328

Cox AR**,** Anton C, McDowell SE, Marriott JF, Ferner RE. Correlates of spontaneous reporting of adverse drug reactions within primary care: the paradox of low prescribers who are high reporters. **British Journal of Clinical Pharmacology** 2010;69(5):529-534

Cox AR**.** Butt TF, Ferner RE. An analysis and comparison of commonly available United Kingdom prescribing resources. **Journal of Clinical Pharmacy and Therapeutics**. 2010;35(4):453-464

Anton C, Cox AR**,** Ferner RE. Targeted follow-up of spontaneous ADR reports to improve follow- up rates by a United Kingdom Regional Adverse Drug Reaction unit. **Drug Safety** 2009; 32(12):1135-1140

Cox AR. Patient reporting of adverse drug reactions. **Pharmacovigilance Review** 2009; 3(2): 18-21

Cox AR**,** Ferner RE. Prescribing errors in diabetes. **The British Journal of Diabetes and Vascular Disease**. 2009; 9(2): 84-88

Cox AR**,** Kirkham H. A case study of a graphical misrepresentation: drawing the wrong conclusions about the Measles, Mumps and Rubella virus vaccine. **Drug Safety** 2007; 30(10): 831- 83

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