

PSCAG Research Activity April Newsletter

This newsletter captures research outputs from October 2023 onwards, if not previously reported.

News

SAVE THE DATE

The PSCAG Annual Symposium will be held on Thursday 26th September at the Bush house South terrace, King's College London. Make sure to add to your diaries! More information to follow soon.

King's Clinical Academic Training Office (KCATO) - survey

KCATO are asking staff to complete a five-minute survey that aims to look at barriers and enablers to taking part in research and academic study. The QR code can be found on the final page of this newsletter.

Publications and Articles

Cameron LK, Ledwaba-Chapman L, Voong K, Hampson G, Forni LG, Seylanova N, Harrington DJ, Lim R, Bociek A, Yanzhong W, Ostermann M. Vitamin D metabolism in critically ill patients with acute kidney injury: a prospective observational study. Crit Care 2024;28(1):108

Clapham RE. Marrinan E. Roberts LN. CTA prevention in medical inpatients - Current approach and controversies. Thrombosis update 2023; <https://doi.org/10.1016/j.tru.2023.100151>

Clark I, Wallman P, **Gee S**, **Taylor D**. Clinical outcomes with paliperidone palmitate 3-monthly injection as monotherapy: observational 3-year follow-up of patients with schizophrenia. Eur Psychiatry 2024;67(1): e15

Clark I, Wallman P, **Gee S**, **Taylor D**. Long term impact of 3-monthly paliperidone palmitate on hospitalisation in patients with schizophrenia: Six-year mirror image study. Acta Psychiatr Scand 2024; doi: 10.1111/acps.13691

Clements J, Bowman E, Tolhurst R, Savage M, Piwko A, **Chen C**, Lyons E, Leung N, Mulholland S, **d'Ancona G**. The role of the clinical pharmacist in the respiratory or sleep multidisciplinary team. Breathe Dec 2023; doi: 10.1183/20734735.0123-2023

Dima A, Abdelsamie A, Clark-Castillo R, Webb-Wilson H, Shergill SS, Stanton B, Gaughran F, **Whiskey E**, Nettis MA. Overcoming Obstacles to Clozapine Treatment: A

Case of Clozapine Rechallenge in ECT-Resistant Schizophrenia With Catatonic Features. *J Clin Psychopharmacol*. 2024;44(2):182-185

Gadhia S, Sakota H, Rupani H, Rose J, d'Ancona G. Improving the management of uncontrolled asthma for adults in England: where do pharmacists fit? *Pharmaceutical Journal*; <https://pharmaceutical-journal.com/article/research/improving-the-management-of-uncontrolled-asthma-for-adults-in-england-where-do-pharmacists-fit>

Haniff ZR, Bocharova M, Mantingh T, Rucker JJ, Velayudhan L, **Taylor DM**, Young AH, Aarsland D, Vernon AC, Thuret S. Psilocybin for dementia prevention? The potential role of psilocybin to alter mechanisms associated with major depression and neurodegenerative diseases. *Pharmacol Ther* 2024; 258:108641

Hla TTW, Christou S, Sanderson B, **Hanks F**, **Cameron L**, Camporota L, Doyle AJ, Retter A. Anti-Xa Assay Monitoring Improves the Precision of Anticoagulation in Venovenous Extracorporeal Membrane Oxygenation. *ASAIO J* 2024;70(4):313-320

Jonsdottir F, Blondal AB, Gudmundsson A, Bates I, **Stevenson JM**, Sigurdsson MI. The association of degree of polypharmacy before and after among hospitalised internal medicine patients and clinical outcomes: a retrospective, population-based cohort study. *BMJ Open* 2024;14(3):e078890

Leahy T, Chauhan A, Nicholas V, Patel P, Wright A, Miller S, Ball G, **Remington C**, Suveer S. The Impact of Steroid Responder Status on Long-Term Outcomes in Critically Ill Patients With Acute Respiratory Distress Syndrome Receiving High-Dose Glucocorticoids. *Cureus* 2024. doi: 10.7759/cureus.57445

Lee E.S, Louey S, Bushby N. **Levkovich B**. Reducing medication errors on emergency department discharge: Evaluation of a collaborative pharmacist-medical officer discharge prescription planning model in a tertiary hospital emergency short stay unit. *Emergency Medicine Australasia* 2024; <https://doi.org/10.1111/1742-6723.14400>

Lim R, **Iflaifel M**, Qamariat ZAL, Crowley C, Sharmeen T, Navigating complexity of the medication management system within the home setting—a functional resonance analysis method (FRAM) analysis of people with dementia and their carers' experiences. *Age and Ageing* 2024; 53(3): afae058

Mumin MA, **McKenzie CA**, Page VJ, Hadfield D, Aitken LM, **Hanks F**, Cunningham E, Blackwood B, Van Dellen E, Slooter AJC, Grocott MPW, McAuley DF, Spronk PE. Whole blood thiamine, intravenous thiamine supplementation and delirium occurrence in the intensive care unit: retrospective cohort analyses. *Int J Clin Pharm* 2024. doi: 10.1007/s11096-023-01690-x

Nanzer AM, Maynard-Paquette AC, Alam V, Green L, Thomson L, Lam J, Fernandes M, Roxas C, **d'Ancona G**, Hearn A, Gates J, Agarwal S, Kent BD, Fernando M, D'Cruz DP, Hopkins C, Ismail TF, Dhariwal J, Jackson DJ. Long-Term Effectiveness of Benralizumab

in Eosinophilic Granulomatosis With Polyangiitis. *J Allergy Clin Immunol Pract* 2024;12(3):724-732

Novy E, Abdul-Aziz MH, Cheng V, Burrows F, Buscher H, Corley A, Diehl A, Gilder E, **Levkovich BJ**, McGuinness S, Ordonez J. Population pharmacokinetics of fluconazole in critically ill patients receiving extracorporeal membrane oxygenation and continuous renal replacement therapy: an ASAP ECMO study. *Antimicrobial Agents and Chemotherapy* 2023:e01201-23

Poovamnilkunnathil A, Nabhani-Gebara S, **Dalby M**. Exploring patients' and healthcare professionals' experiences of virtual clinics during COVID-19. *Cancer Nursing Practice* 2023; doi: 10.7748/cnp.2023.e1854

Remmington C, Cameron L, Hanks F, Liang YH, Barrow L, Coxhead R, **Mehta R, Bhudia N, Lyster H**, Cooke S, Gilmartin J, Lee P, Sloss R, **McKenzie C**. Critical care pharmacy service provision and workforce in adult extracorporeal membrane oxygenation centres: a multicentre cross-sectional survey. *Int J Clin Pharm* 2024; 10.1007/s11096-024-01719-9

Speed V, Czuprynska J, **Patel JP**, Arya R. Use of direct oral anticoagulants for venous thromboembolism treatment at extremes of body weight, renal and liver function: an illustrated review. *Res Pract Thromb Haemost* 2023;7(8):102240

Wan M – a member of the Writing Committee: RECOVERY Collaborative Group. Immunomodulatory therapy in children with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 (PIMS-TS, MIS-C; RECOVERY): a randomised, controlled, open-label, platform trial. *Lancet Child Adolesc Health* 2024;8(3):190-200

Published Abstracts

Cheng C. Beyond the boundaries of ward-based services – exploring the scope of “non-traditional” clinical pharmacy practice in a tertiary referral teaching hospital, *International Journal of Pharmacy Practice* 2023; 31(2): ii13–ii14

Lewis C, Weerasooriya D, Cheng C, Development and outcomes of a pilot risk assessment process and expert panel for medicines procured in an NHS Acute Trust, *International Journal of Pharmacy Practice* 2023; 31 (2): ii31–ii32

Makhecha S, Gandhi H, McCann S, **Gaze S**, Bharania B. Respiratory syncytial virus in children. *The Pharmaceutical Journal*; 2024: 312(7983). doi:10.1211/PJ.2024.1.266616

Monk G, Shah S. Adherence to rifaximin initiation and prescribing within King's College Hospital and transfer of prescribing to primary care, *International Journal of Pharmacy Practice* 2023; 31 (2): ii36–ii37

Mwandiambira R, Lai K, Exploring near miss errors associated with split-pack robotic dispensing, International Journal of Pharmacy Practice 2023; 31 (2): ii37

Pinfield A, Lai K, Jones S. Initial observations on the impact of implementation of automated dispensing cabinets for Human Normal Immunoglobulin on data and inventory management, International Journal of Pharmacy Practice 2023; 31(2): ii44–ii45;

Conferences, Abstracts, Poster Presentations and Talks

European Society of Intensive Care Medicine (ESICM)

The development and use of Cumulative Impact Observations to demonstrate the impact of critical illness

Mehta R, Patel R

The use of standard list terms entered into a ‘Best of Breed’ Informatics System to describe the population phenotype of critically ill patients admitted to a large central London ICU before, during, and after the COVID 19 pandemic

Mehta R, Patel R

PM Healthcare webinar

The practical challenges of delivering the NHS Medicines Value agenda - Homecare - the present and the future

Howell G

Pharmacists Epilepsy Education Group (PEEG) - Webinar 1 - NICE Guidelines overview
Jones S

Royal Pharmaceutical Society

Development and outcomes of a pilot risk assessment process and expert panel for medicines procured in an NHS Acute Trust

Lewis C, Weerasooriya D, Cheng C

Initial observations on the impact of implementation of automated dispensing cabinets for Human Normal Immunoglobulin on data and inventory management

Pinfield A, Lai K, Jones S

Evaluation of clinical pharmacy activities associated with patients receiving homecare medicines in a group of UK teaching hospitals

Eggleton A, Berry R, Plummer A, Rosembert D, Cheng C

Beyond the boundaries of ward-based services – exploring the scope of “non-traditional” clinical pharmacy practice in a tertiary referral teaching hospital

Cheng C

Adherence to rifamixin initiation and prescribing within King's college Hospital and transfer of prescribing to primary care

Monk G, Shah S

Exploring near miss errors associated with split-pack robotic dispensing

Mwandiambira R, Lai K

Clinical Pharmacy Congress

Service evaluation of hypnotics used in the management of sleep disorders in the critical unit and perceptions of prescribers on sleep hygiene measures

Mackenzie H, Ong-Udi F

British Oncology Pharmacy Association

Compliance on hepatitis B screening prior to commencing systemic anti-cancer treatment (SACT)

Mandane B

ASH 2023

Risk Factors For CD19-Targeting CAR T Manufacturing Failure And Patient Outcomes: A Report From The UK National CAR T Panel

Chappell J

PM Healthcare event

Commissioning & High Cost Drugs: Quality & Cost Effective Prescribing within the ICS. Presentation title: Homecare: Current Challenges. Is the Model "Fit for Purpose"?

Howell G

European Association of Hospital Pharmacists

Reducing our medicines carbon footprint by tackling nitrous oxide waste

Stevenson L

The 7th European Pharmacovigilance Congress

Drug Safety in older adults

Stevenson J

British Society of Gastroenterology conference

An audit on the use of Dual Biologic Therapy (DBT) for Refractory Crohn's Disease

Sharma E

European Crohn's and Colitis Organisation Conference 2024

Upadacitinib appears effective in inducing clinical, biochemical, endoscopic and histologic improvements in previously treatment refractory Ulcerative colitis

Sharma E

Effectiveness and safety of adalimumab as first line biological treatment in Ulcerative colitis

Sharma E

British Society of Gastroenterology

Inflammatory bowel disease medication focused helpline enhances the IBD service: patient satisfaction evaluation of a pharmacist-led helpline

Sharma E

Awards/ Grants

Crook J. Awarded for the winning protocol for the King's Health Partners Clinical Research Training - Making medicines work for families and children with chronic liver disease – The PARTNER study

Wan M. Co-applicant: BAR-JDM: Baricitinib in Juvenile Dermatomyositis: A multi-centre open label, randomised, controlled, superiority trial

Amount: £960, 736 (Versus Arthritis UK)

Wan M. Lead applicant: NIHR Senior Clinical and Practitioner Research Award

Amount: £84, 478



Professions Allied to healthcare survey

Are you an Allied Health Professional (AHP), pharmacist, psychologist, psychotherapist, clinical scientist, exercise physiologist, sonographer or part of the wider health and care clinical team?

Please **take our survey before Midnight, Friday 10 May** to help us make research career pathways accessible to all.

Five-minutes to complete



Share your
thoughts

