



**Trinity College Dublin**

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

## **M.Sc. in Hospital Pharmacy Previous Research Projects**

- Laura Dillon (2019) The development of a patient centred video on medication management and a qualitative exploration of patients' opinion towards the video
- Amie Giles (2019) Barriers and facilitators to medication incident reporting among healthcare professionals in Beaumont Hospital: A qualitative study using the COM-B analysis model
- Marcus Kirwan (2019) Critically ill patients on continuous venovenous hemodiafiltration; Developing population pharmacokinetic models in vancomycin dosing
- Aideen Lanigan (2019) A review of self-administration of medication practices in Midland Regional Hospital Tullamore
- Aine Leen (2019) Clinical pharmacist documentation in the health care record
- Aoife McDonnell (2019) To evaluate the appropriateness of IVIg administration in the discipline of neurology in the MMUH
- Ailbhe Manning (2019) The impact of clinical pharmacists charting unintentionally omitted medicines on missed doses in an acute medical ward
- Catriona O'Connor (2019) Pre-operative medication management: design, implementation and assessment of a targeted clinical pharmacy service
- Noor Sako (2019) Evaluating an electronic clinical decision support system for drug-drug interactions in St. James's Hospital
- Brona Staunton (2019) An investigation into the appropriateness of the prescribing of pharmacological thromboprophylaxis in medical oncology inpatients in Beaumont Hospital
- Cathriona Gavin (2017) Does the availability of an accurate electronic patient medication history improve discharge prescribing?
- Eva Heffernan (2017) An audit of discharge prescriptions for surgical and medical patients with a quality improvement initiative
- Gráinne Johnston (2017) An observational review of unintentional medication errors occurring during transfer from critical care to the general ward level
- Cliodhna McDonald (2017) An investigation into the factors that determine the clearance of high-dose methotrexate in patients with primary central nervous system lymphoma
- Aidan Morris (2017) Medication regimen complexity in surgical patients in Tallaght Hospital – an observational study
- Marie O'Halloran (2017) Medication characteristics, polypharmacy and potential drug-drug interactions in an older ( $\geq 50$  years) and younger ( $< 50$  years) HIV positive population and an older ( $\geq 50$  years) HIV negative population
- Aine O'Keeffe (2017) Implementation of a quality improvement project on the management of acute kidney injury in patients on an acute medical admissions unit.
- Grace Power (2017) An observational study of the non-emergency pre-procedural management of oral anticoagulants across multiple medical and surgical patient cohorts in Tallaght hospital.

- Terry Smeaton (2017) Exploring the relationship between potentially inappropriate prescribing and adverse drug reactions contributing to hospitalisation in middle-aged patients in the acute medical (assessment) unit.
- Caoimhe O’Leary (2015) Dose-banding of 5-fluorouracil infusers and carboplatin infusions in an oncology day ward: an assessment of feasibility and impact on current local practice
- Claire Mullins (2015) The impact of clinical pharmacists charting unintentionally omitted medicines on the number of missed doses in an acute medical ward
- Jennifer Dwyer (2015) Therapeutic drug monitoring of tobramycin in adult cystic fibrosis patients
- Ciara Reddy (2015) Preventing drug-induced QT prolongation in elderly patients: Investigating the usefulness of a purpose-built screening tool for identifying elderly patients at risk of developing QT prolongation, and pharmacists’ potential to help minimise medication-related risks
- Maria O’Sullivan (2015) Reducing the Drug Burden Index in Orthopaedic Trauma Patients by Pharmacist Involvement in an Orthogeriatric Round
- Danielle Neale (2015) The prevalence of and characteristics associated with opioid related harm in Tallaght Hospital, 2005-2012, identified through the Hospital In-Patient Enquiry (HIPE) System
- Sarah Moloney (2015) An observational review and audit of the treatment of hypoglycaemic events in the Mater Misericordiae University Hospital
- Coughlan, Miriam (2013) Cost and impact analysis of the pharmacist medication reconciliation service for medical inpatients in St. James’s Hospital
- Leah Gaughan (2013) A prospective survey of post-kidney transplant patients and their community pharmacists, in relation to their experience of prescriptions issued from Beaumont Hospital
- Brona Kehoe (2013) Potentially inappropriate prescribing in elderly in-patients: a prospective observational study incorporating the STOPP (Screening Tool of Older Persons’ Prescriptions) criteria into clinical pharmacy practice, and the reasons for non-uptake of pharmacists’ recommendations by doctors
- Ciara O’Riordan (2013) Medication reconciliation on discharge to primary care following an acute hospital admission
- Fergal O’Shaughnessy (2013) The impact of treatment protocol availability on the clinical verification of oral anticancer medicine prescriptions by non-specialist pharmacists
- Tadhg Reddan (2013) Developing and implementing an environmental monitoring guideline in a hospital pharmacy aseptic compounding unit
- Deirdre Smith (2013) An audit of missed and delayed medication doses in a large teaching hospital with implementation of risk reduction strategies
- Annette Whiskey (2013) Pilot study to determine the extent of documentation of adverse drug reactions which lead to hospital admission or occur during an in-patient episode at a Dublin university teaching hospital
- Browne, Claire (2011) Implementation of a falls prevention focused medication review by a pharmacist in an acute hospital.
- Byrne, Sharon (2011) Exploring the contribution of a structured clinical pharmacy service to the pharmaceutical care at admission.
- Corey, Louise (2011) The medication related experiences of patients on discharge from Beaumont Hospital.
- Coyle, Mary (2011) Prophylactic preparation of anaesthetic emergency drugs – qualitative investigation to develop a survey instrument.
- Hickey, Aisling (2011) The development and evaluation of e-learning modules on the prescribing and administration of insulin, for junior medical and nursing staff in St. James’s Hospital.
- O’Connor, Mairead (2011) The hospital pharmacist and oral anti-cancer therapy – what is the role within a multi-disciplinary team?

- O'Mahony, Kate (2011) Comparison of a unit-supply individual patient dispensing (USIPD) system with a ward stock drug distribution (WSDD) system in an acute Irish hospital.
- Smith, Sinead (2011) Development and evaluation of an internal audit approach for the Aseptic Compounding Unit in St. James's Hospital Dublin.
- Strong, Jane (2011) Assessing beliefs about medicines and medication adherence of patients in a cardiology out-patient setting.
- Tierney, Avril(2011) The evaluation of the Mater Misericordiae University Hospital clinical pharmacy service in an economic downturn
- Fitzsimons, Michelle (2009) An evaluation of the accuracy and availability of sources of pre-admission medication history data.
- Galvin, Mairead (2009) An evidence base for the contribution of clinical pharmacy to medication reconciliation on admission in Ireland.
  - Hammond, Lisa (2009) The prescribing and dispensing of oral anticancer medicines in Ireland; Is the current system safe?
  - Hayde, Jennifer (2009) Cleaning in the aseptic compounding unit- review, rationalise, validate.
  - Hayden, Cliona (2009) The use of antibiotics as a risk factor for the development of *Clostridium difficile* associated diarrhoea (CDAD) in the Mater Misericordiae University Hospital (MMUH) patients.
  - Hoo, Li Wah (2009) Developing a database to facilitate the assessment of antibiotic consumption and trends in microbial sensitivity data in Beaumont Hospital.
  - Kelly, Fiona (2009) The development of therapeutic drug monitoring guidelines for digoxin, lithium and phenytoin in a large teaching hospital.
  - Lenehan, Deirdre (2009) An audit of anti-fungal prescribing in haematology patients in St. Vincent's Ward, Mater Misericordiae University Hospital.
  - Maguire, Orla (2009) Audit of prescribing and administration of nebuliser therapy, for COPD and asthma patients, in St James's Hospital.
  - Muldowney, Ciaran (2009) Hearing impairment and aminoglycoside exposure in adult cystic fibrosis patients attending St. Vincent's University Hospital.
  - Begley, Fiona (2007) Occupational exposure to cytotoxic chemotherapy – do we need to be concerned?
  - Crimmins, Eilis (2007) An audit of preoperative medication administration in elective surgical patients in the Mater Misericordiae University Hospital.
  - Donnelly, Carmel (2007) An audit of the effectiveness of cytomegalovirus prophylaxis & treatment in liver transplant recipients in St. Vincent's University Hospital.
  - Dunn, Katherine (2007) Implementation of an intravenous to oral switch policy for antimicrobials in a secondary care setting.
  - Fagan, Niamh (2007) Improving medication incident reporting at Naas General Hospital.
  - Fleming, Aoife (2007) The implications of the modification of diet in renal disease (MDRD) equation in pharmacy practice.
  - McGillycuddy, Joan (2007) Training in aseptic compounding – a clean sweep needed?
  - Mc Grath, Ruth (2007) An audit of the treatment of venous thromboembolism in the Mater Misericordiae University Hospital.
  - McManamly, Ciara (2007) Assessing & implementing innovation in a hospital pharmacy.
  - Walsh, David (2007) Pharmaceutical care in secondary prevention of stroke: assessing barriers to adherence & implementing a pharmacy care plan.
- Egan, Sean (2005) The establishment of an antimicrobial usage database & the demonstration of its use as an audit tool to investigate the appropriateness of prescribing of the antimicrobial piperacillin-tazobactam.

- Flood-Davin, Dawn (2005) Management of anaemia of chronic renal failure in continuous ambulatory peritoneal dialysis patients: a process improvement approach for better patient outcomes.
- Hanevy, Alma (2005) Audit of vancomycin in the Mater Misericordiae University Hospital.
- Kieran, Mariosa (2005) Undergraduate and postgraduate medical education - a systematic approach to improving the safety of prescribing.
- Lucey, Aoife (2005) The establishment of a database of hospital pharmacists' practice research & activities.
- Mc Cabe, Laura (2005) Recombinant Human Activated Protein C (Drotrecogin alfa – Activated): An audit of use in St Vincent's University Hospital.
- Neville, Louise (2005) A clinical pharmacist led evaluation of post-operative pain management at the Adelaide & Meath Hospital, incorporating the National Children's Hospital.
- O'Dowd, Marianna (2005) An analysis of documented pharmacy interventions with an examination of pharmacists attitudes at Beaumont Hospital.
- Serra, Maria Peraita (2005) Impact of the introduction of complete antibiotic guidelines at Naas General Hospital.
- Treacy, Gemma (2005) Review of the pharmacy service to the emergency department, Mater Misericordiae University Hospital.
- Browne, Caroline (2003) An audit of discharge prescribing at ward level in St.James's Hospital.
- Dunleavy, Niamh (2003) Assessment of the need and feasibility of extending the role of the compounding unit in St. Vincent's University Hospital to include production of non-cytotoxic drugs.
- Ferguson, Yla (2003) An investigation into the rational and appropriate use of selective COX-II inhibitors in a Dublin teaching hospital.
- Garvey Evelyn (2003) Development of standards of practice for ward pharmacists in St. James's Hospital.
- Harkins, Kathy (2003) Audit of the management of anaemia of chronic renal failure in CAPD and pre-dialysis patients in AMNCH.
- Henry, Meabh (2003) Analysis of medication incident report forms over a one year period in a large teaching hospital.
- Neary, Phil (2003) An audit of infliximab use in Crohn's disease.
- O'Byrne, John (2003) Audit of the dispensing processes in the Adelaide and Meath Hospital Pharmacy.
- Barron, Ian (2001) Evaluating the percentage hypochromic red cell indices (% HRC) as a predictor of erythropoietic response to intravenous iron supplementation and also as a predictor of titration in rHuEPO dose in maintenance haemodialysis patients at Beaumont Hospital.
- Carr, Bernard (2001) Developing a pharmaceutical care plan for non-nationals in Irish hospitals.
- Clancy, Aisling (2001) The management of hyperkalaemia in a Dublin teaching hospital.
- Colleran, Niamh (2001).Review of inpatient Warfarin prescribing in Beaumont Hospital
- Cooney, Niamh (2001) Pharmacoeconomics – Elasticity of demand & the GMS
- Creed, Maria (2001) The use of statins as lipid lowering agents in renal transplant patients.
- Flynn, Olivia (2001) Development of an antimicrobial formulary in St. James's Hospital.
- Gowing, Catriona (2001) An audit of the management of in-patient oral anticoagulation in AMNCH.
- Grealis, Margaret (2001) Leflunomide in the management of rheumatoid arthritis in St. James's Hospital.
- Griffin, Ciara (2001) Re-using inhalers for demonstration purposes –investigation of the best method of ensuring infection control.
- Grimes, Tamasine (2001) An audit of laxative prescribing in a large Dublin teaching hospital.

- Molloy, Gillian (2001) An ergonomic study of work activities in the cytotoxic compounding unit, Mater Misericordiae Hospital.
- Relihan, Eileen (2001) Assessing the use of antidepressants in an elderly population.
- Beasley, Miriam (1999) The tolerability of nelfinavir in HIV patients.
- Byrne, Louise (1999) Introducing a paediatric CIVA service – does it make economic sense?
- Collins, Aisling (1999) MUE of ondansetron use in haematology/oncology setting in Beaumont Hospital.
- Dungan, Rachel (1999) Development of a risk management strategy for the goods inwards area of the pharmacy department.
- Fitzpatrick, Amanda (1999) Proton – pump inhibitors in the secondary care setting.
- Gibson, Louise (1999) Peri-operative management of Type 1 & Type 2 patients.
- Keane, Claire (1999) Team nursing & team drug trolleys.
- Mc Grane, Niamh (1999) Seamless pharmaceutical care of Ophthalmic patients in the Mater Misericordiae
- O'Malley, Grainne (1999) Drug stability studies of syringe drivers in the palliative care setting.
- Stanley, Fiona (1999) Production of an NMIC bulletin: Treatment of Parkinson's disease.
- Young, Ailish (1999) Missed doses.
- Barry, Aileen (1997) An evaluation of the sources of medication information available when a patient is admitted to hospital, of the admission process and of the potential role of the pharmacist in this process.
- Deasy, Evelyn (1997) Performance appraisal in the Irish hospital pharmacy sector – does it exist and where to start?
- Doyle, Nuala (1997) Patient self-medication scheme in haematology/oncology in St. James's Hospital
- Maher, Irene (1997) Audit of the patient-controlled analgesia service in St. Vincent's Hospital.
- Murray, Maire (1997) The delivery of subcutaneous infusions by syringe pump in a palliative care setting in St. James's Hospital.
- O'Reilly Mary (1997) The development of a renal pharmacy manual in Beaumont Hospital.
- Ryan, Conor (1997) A review of home infusion therapy in St. James's Hospital
- Strawbridge, Judith (1997) Patient information leaflets for cardiac transplant patients.
- Walsh, Eileen (1997) Drug usage evaluation of ceftriaxone & cefotaxime in St. James's Hospital.
- Whiriskey, Caroline (1997) An audit of the use of the digoxin therapeutic drug monitoring service in SJH.