

# Pharmacy Department

# 2022

This year saw Tim Tran awarded his PhD, Sharmila Khumra awarded the Master of Pharmaceutical Sciences and Patrick Hilley a MACH Health Services Research Fellowship. In addition, our department was affiliated with 24 peer reviewed publications and 25 external conference or seminar presentations. Twenty-three staff authored one or more publications, many for the first time.  
[Publication date: March 2023]

## Research Report



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# Overview

## HIGHLIGHTS

This year has seen a further broadening of the range of themes for our research endeavours. In addition to our established areas of focus in aged care, emergency medicine, infectious diseases, oncology, pharmacovigilance and health services research, we congratulate Patrick Hilley on his work in the area of Inflammatory Bowel Disease. Patrick was successful in his application to the Melbourne Academic Centre for Health (MACH) to undertake a Health Services Research Fellowship.

Congratulations to Sharmila Khumra for completing her Master of Pharmaceutical Sciences with her thesis entitled: “Empowering hospital pharmacists to integrate antimicrobial stewardship into their daily practice.” Sharmila’s thesis builds on her many years of clinical expertise in infectious diseases and antimicrobial stewardship. Sharmila’s thesis comprises three publications, that are testament to the rigor of a Master’s degree undertaken by research. As noted in last year’s report, Tim Tran completed his PhD in 2021, and this was awarded in March 2022.

Some twenty-three staff have authored one or more publications this year, many for the first time. Our department was very well represented at the SHPA Medicines Management conference this year, with fifteen abstracts presented as oral presentations or posters. Several of our interns presented their Intern Foundation Program research projects. Congratulations to Rachel Goodman for receiving one of three Monash University awards offered to the approximately 200 interns undertaking the Intern Foundation Program.

## LOOKING FORWARD

Following the November conferences in 2022, we held our Pharmacy Department Research Planning Forum. To assist with selection of projects that are of importance to our department and the pharmacy profession more broadly, we used the Pharmacy Forecast Australia 2022 publication as a guide. Stemming from this, we are planning several projects in 2023 in the areas of sustainability, workforce development, provision of patient centred care, technology, funding models and workforce wellbeing.

Dr Simone Taylor  
Senior Pharmacist – Emergency Medicine and Research

Dr Rohan Elliott  
Senior Pharmacist – Aged Care and Research  
Manager, Victorian Poisons Information Centre.

March 2023

## Publications

Papers, editorials and letters published in peer reviewed journals in 2022. Publications that were also included in the 2021 Pharmacy Department Research Report as an 'online early' or 'E-pub' publication are indicated with an asterisk.\*

### 1. QUALITY USE OF MEDICINES

#### Aged Care

**Reid O, Ngo J, Su E, Lalic S, Elliott RA.** Paracetamol dosing in hospital and on discharge for older people who are frail or have low body weight. *British Journal of Clinical Pharmacology* 2022; 88(10): 4565-4572. <https://doi.org/10.1111/bcp.15394>

Angley M, Criddle D, Rigby D, **Elliott RA**, Phillips K, Penm J, et al. Hospital-initiated post-discharge medication reviews in Australia: expert opinion on the barriers and enablers to implementation. *Journal of Pharmacy Practice and Research* 2022; 52(6): 446-453. <https://doi.org/10.1002/jppr.1832>

#### Emergency Medicine

**Harding AM, Mitri E, Yeoh, M.** Improving the safety of anticoagulation initiation in patients discharged from the emergency department. *Emergency Medicine Australasia*. Published online 25 October 2022. <https://doi.org/10.1111/1742-6723.14104>

Pollack K, Manning KR, **Balassone J, Bui C**, Taylor DM, **Taylor SE**. Hyperkalaemia in the emergency department: epidemiology, management and monitoring of treatment outcomes. *Emergency Medicine Australasia*. 2022; 34(5): 751-757. <https://doi.org/10.1111/1742-6723.13971>

Pollack K, Manning KR, **Balassone J, Bui C**, Taylor DM, **Taylor SE**. Response to Re: Hyperkalaemia in the emergency department: Epidemiology, management and monitoring of treatment outcomes. *Emergency Medicine Australasia*. 2022; 34(5): 844-845. [Letter to the editor] <https://dx.doi.org/10.1111%2F1742-6723.14042>

**Taylor S, Mitri E, Harding A**, Taylor D, Weeks A, Abbott L, Lambros A, Lawrence D, Strumpman D, Senturk-Raif R, Louey S, Crisp H, Tomlinson E, Manias E. Development of screening tools to predict medication-related problems across the continuum of Emergency Department care: A prospective, multicenter study. *Frontiers in Pharmacology*. 2022; 13. <https://doi.org/10.3389/fphar.2022.865769>

#### Infectious Diseases

**Khumra S, Mahoney AA, Stewart K, Bergen P, Elliott RA.** Coaching ward pharmacists in antimicrobial stewardship: a pilot study. *Exploratory Research in Clinical and Social Pharmacy* 2022; 5: 100131 <https://dx.doi.org/10.1016%2Fj.rcsop.2022.100131>

**Devchand M**, Nolen A, Stewardson AJ, Warrillow SJ, **Garrett K**, Trubiano J. Long-term outcomes of an electronic medical record (EMR)-integrated antimicrobial stewardship (AMS) intensive care unit (ICU) ward round. *Infection Control and Hospital Epidemiology* 2022-05; 43(5): 670-672  
<https://dx.doi.org/10.1017%2Fice.2021.71>

Motaganahalli S, **Batrouney A**, **Perera D**, Vogrin S, Trubiano JA. Retrospective study of outcomes of short versus long duration of antibiotic therapy for residual osteomyelitis in surgically resected diabetic foot infection. *Journal of Antimicrobial Chemotherapy*, Published online 24 November 2022, <https://doi.org/10.1093/jac/dkac390>

### Inflammatory bowel disease

**Hilley P**, Peterson A, De Cruz P. Combination tofacitinib and calcineurin inhibitor in the management of treatment refractory ulcerative colitis may be effective, but is it necessary. *Inflammatory Bowel Diseases* 2022; 28(4): e46. <https://doi.org/10.1093/ibd/izab356>

### Oncology

Stewart T, Dowling M, Janson B, **Siderov J**, Xie J, Grigg A, Khot A. Acute kidney injury in patients receiving high-dose etoposide phosphate as conditioning prior to hematopoietic stem cell transplantation in hematologic malignancies may be associated with elevated body mass index. *Leukemia Lymphoma* 2022; 64(1), 253-255. <https://doi.org/10.1080/10428194.2022.2136945>

Stojanova J, Carland J, Murnion B, Seah V, **Siderov J**, Lemaitre F. Therapeutic drug monitoring in oncology - What's out there? A bibliometric evaluation on the topic. *Frontiers Oncology* 2022; 12. <https://doi.org/10.3389/fonc.2022.959741>

Nicolae R, Uccellini A, **Siderov J**, et al. Taxane-induced neuropathy: How serious is this problem for patients with early breast cancer? *Asia Pac J Clin Oncol* 2022; Published online 12 June 2022 <https://doi.org/10.1111/ajco.13804>

International Atomic Energy Agency (Contributing author: **Siderov J**). Setting up a Cancer Centre. Pharmacy Services: A WHO-IAEA Framework, Non-serial publications, IAEA, Vienna (2022). <https://www.iaea.org/publications/15052/setting-up-a-cancer-centre-a-who-iaea-framework>

Sandhu G, Adattini J, Armstrong Gordon E, O'Neill N. On behalf of the ADDIKD Guideline Working Group. (**Siderov J**, ADDIKD Guideline Working Group Member). International consensus guideline for anticancer drug dosing in kidney dysfunction. 2022. eviQ Cancer Institute NSW. St Leonards, Australia. Available at [International Consensus Guideline for Anticancer Drug Dosing in Kidney Dysfunction | eviQ](https://www.eviq.org.au/guidelines/anticancer-drug-dosing-in-kidney-dysfunction)

## 2. PHARMACY SERVICE DESIGN AND DELIVERY (HEALTH SERVICES RESEARCH)

**Tran T, Ford J, Hardidge A, Antoine S, Veevers B, Taylor S, Elliott RA.** Evaluation of a post-discharge pharmacist opioid review following total knee arthroplasty: a pre- and post-intervention cohort study. *International Journal of Clinical Pharmacy*. 2022; 44: 1269–1276. <https://doi.org/10.1007/s11096-022-01455-y>

**To TP, Taylor SE,** Abdullah A, Abdullah N, Huang K, Khan N, Shirzad S, **Elmi H,** Zayegh I. Qualitative exploration of Australian Muslim patients' perceptions and experiences surrounding medication management during Ramadan. *Australian Health Review*. 2022; 46(3):346-354. <https://doi.org/10.1071/ah21392>

**To TP,** Braat S, Lim A, et al. Impact of a policy to improve the management of oral medications when patients are fasting before a procedure: an interrupted time series analysis. *BMJ Open Quality* 2022;11:e001768. <https://dx.doi.org/10.1136%2Fbmjopen-2021-001768>

Mak V, Malone D, Karunaratne N, Yao W, **Randell L,** Vu T: A Video-Based Reflective Design to Prepare First Year Pharmacy Students for Their First Objective Structured Clinical Examination (OSCE). *Healthcare* 2022; 10(2), 280. <https://doi.org/10.3390/healthcare10020280>

**Elliott RA, Taylor SE.** In response: A benchmarking scoping review of research output from hospital pharmacy departments in Australia [Letter to the editor]. *Journal of Pharmacy Practice & Research* 2022; 52(5), 404–405. <https://doi.org/10.1002/jppr.1831>

**Elliott RA, Taylor SE,** Koo SMK, Nguyen AD, Liu E, Loh G. Accuracy of medication histories derived from an Australian cloud-based repository of prescribed and dispensed medication records. *Internal Medicine Journal*. Published online 20 June 2022. [doi.org/10.1111/imj.15857](https://doi.org/10.1111/imj.15857)

Young J, Nalder MJ, Gorelik A, **Elliott RA.** Pharmacist-facilitated interactive e-learning for patients newly initiated on warfarin: a randomised controlled study. *Pharmacy* 2022; 10(1): 3. <https://doi.org/10.3390/pharmacy10010003>

## 3. TOXICOLOGY

Smith JL, Soderstrom J, Dawson A, Alfred S, **Greene S,** Isoardi K, McCutcheon D, Oosthuizen F, Ezard N, Burcham J, Fatovich DM; EDNA Investigators. The Emerging Drugs Network of Australia: A toxicosurveillance system of illicit and emerging drugs in the emergency department. *Emergency Medicine Australasia*. 2022; 34: 58-64. <https://doi.org/10.1111/1742-6723.13839> \*

**Norvill A, Elliott RA,** Wong A. Exposure to hand sanitisers and other cleaning products in Victoria, Australia during the COVID-19 pandemic, *Clinical Toxicology* 2022; 60(6): 745-749 [doi.org/10.1080/15563650.2022.2032128](https://doi.org/10.1080/15563650.2022.2032128)

## Conference/Seminar Oral Presentations and Posters

Research papers and posters, and continuing professional development lectures/workshops, presented externally in 2022.

### 1. QUALITY USE OF MEDICINES

#### Aged Care

**Elliott RA, Taylor SE**, Griffett K, Howell T, Khalil V, Lalic S, Mathiopoulos E, Ong E, Wiseman M  
Predictors of missed/delayed doses when transferring from hospital to residential aged care: a multicentre study. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference*, Brisbane (1-3 December 2022)

**Elliott R** (discussion panel member). *Residential Aged Care and Transitions of Care Webinar, Medication Safety Educational Series*, Safer Care Victoria (4 May 2022)

#### Emergency Medicine

D'Lima J, **Taylor SE**, Manias E, **Harding A, Mitri E**. Inter-rater reliability of screening tools to identify medication-related problems across emergency department continuum of care. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference*, Brisbane (1-3 December 2022)

**Joules E, Taylor S, Harding A**. Impact of an emergency department patients' own medication procedure on medication safety: an interrupted time series. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference*, Brisbane (1-3 December 2022)

#### Infectious Diseases

**Noto JM**, Charles P, **Elliott RA, Khumra S**. Concordance with Therapeutic Guideline-recommended antibiotic treatment duration for moderately severe community acquired pneumonia: a prospective audit. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference*, Brisbane (1-3 December 2022)

#### Inflammatory Bowel Disease

**Hilley P**, Peterson AR, Wong D, Hine K, Srinivasan, Choy MC, Dr Cruz P. P594 Vedolizumab dose intensification does not always improve treatment persistence. *17<sup>th</sup> Congress of ECCO Virtual*, (16 – 19 February 2022).

- Abstract published: *Journal of Crohn's and Colitis* 16(Supplement 1):i530-i530  
<https://doi.org/10.1093/ecco-jcc/jjab232.720>

Eqbal A, **Hilley P**, Gilmore R, Suen CFDLW. P419 Outcomes at one year after sequential use of high-dose tofacitinib following infliximab in Acute Severe Ulcerative Colitis. *17<sup>th</sup> Congress of ECCO Virtual*, (16 – 19 February 2022).

- Abstract published: Journal of Crohn's and Colitis 17(Supplement\_1):i548-i549.  
DOI:[10.1093/ecco-icc/jjac190.0549](https://doi.org/10.1093/ecco-icc/jjac190.0549)

**Hilley P**, Wong D, Ma R, Peterson A. P028 Transitioning patients from intravenous to subcutaneous infliximab and vedolizumab for inflammatory bowel disease – what is the opportunity cost of improving access to health care? *17<sup>th</sup> Congress of ECCO Virtual*, (16 – 19 February 2022).

- Abstract published: Journal of Crohn's and Colitis. 17(Supplement\_1):i197-i198  
DOI:[10.1093/ecco-icc/jjac190.0158](https://doi.org/10.1093/ecco-icc/jjac190.0158)

### Oncology

**Siderov J**. Monoclonal antibodies and immunotherapy, *COSA Cancer Pharmacists Group Foundation Course 2022*, Sydney (June 2022).

**Siderov J**. Understanding Chemotherapy Protocols, *COSA Cancer Pharmacists Group Foundation Course 2022*, Sydney (June 2022).

**Siderov J**. Colorectal Cancer, *COSA Cancer Pharmacists Group Foundation Course 2022*, Sydney (June 2022).

Mather-Hillon J, **Siderov J**, Yeo B, Moran J. Immunotherapy near the end of life. *ANZSPM conference*, Canberra, September 2022

## 2. MEDICATION SAFETY AND PHARMACOVIGILANCE

**Taylor SE, To TP**, Abdullah A, Abdullah N, Huang K, Khan N, Shirzad S, **Elmi H**, Zayegh I. Medication management practices of Muslim patients hospitalised prior to or during Ramadan: an observational study. *SHPA MM2021 Abstract Showcase (online)*. May 2022.

**To TP, Taylor SE**, Abdullah A, Abdullah N, Huang K, Khan N, Shirzad S, **Elmi H**, Zayegh I. Qualitative exploration of Australian Muslim patients' perceptions and experiences regarding medication management during Ramadan. *SHPA MM2021 Abstract Showcase (online)*. May 2022.

Stojanova J, **Keith C, Meaklim A**, Sullivan S, Whatmough S, Nalder M, Liew D, McMaster C. Improving adverse drug reaction detection using an automated tool & routine data: study protocol. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference*, Brisbane (1-3 December 2022)

**McLachlan G, Bury S**. Quality improvement through multidisciplinary review: a model for clear, safe, and sustainable intravenous administration guidelines. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference*, Brisbane (1-3 December 2022)

**Reid O, Ting C, Tanner F, Harding A, McGrath A**. Get rid of that paper! Creating an electronic warfarin discharge plan. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference*, Brisbane (1-3 December 2022)

### 3. PHARMACY SERVICE DESIGN AND DELIVERY (HEALTH SERVICES RESEARCH)

**Su E, Aminian P, Liew D, McMaster C, Scott A, Frauman A, Garrett K.** Incorporating opioid medication management plans into routine workflow provides consistent communication to consumers and general practitioners. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference, Brisbane (1-3 December 2022)*

**Su E, McMaster C, Aminian P, Scott A, Trajceska L, Garrett K, Frauman A.** Quality indicators for opioid prescribing for acute postoperative pain: a scoping literature review. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference, Brisbane (1-3 December 2022)*

**Goodman R, Hilley P, Taylor S, Keith C.** Ganzoni or not: evaluation of iron infusion dosing approaches in ambulatory gastroenterology patients. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference, Brisbane (1-3 December 2022)*

Anderson B, **Taylor SE**, Travaglia J, Pont L. Assessing the uptake of clinical support technician roles: an Australian hospital pharmacy technician workforce survey. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference, Brisbane (1-3 December 2022)*

Anderson B, **Taylor SE**, Travaglia J, Pont L. Hospital pharmacy technician involvement with controlled drug management: a survey of Australian hospital pharmacy departments. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference, Brisbane (1-3 December 2022)*

### 4. TOXICOLOGY

**Hormiz R, Stanley B, Elliott R.** Disability and Aged Care Home medication incidents. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference, Brisbane (1-3 December 2022)*

**Di Giovine O, Elliott R, Browning J, Levkovich B.** Insulin self-administration errors reported to a Poisons Information Centre: a retrospective audit. *Medicines Management 2022 Conference, The Society of Hospital Pharmacists of Australia 46<sup>th</sup> National Conference, Brisbane (1-3 December 2022)*

**Browning J, Elliott R.** Clonidine exposures in children and adolescents reported to the Victorian Poisons Information Centre 2018-2021. *TAPNA 2022 (Toxicology and Poisons Network Australasia) Annual Scientific Meeting, Newcastle (11-13 May 2022)*



## AUSTIN HEALTH RESEARCH FEST 2021 POSTERS

The following posters were presented at the Austin Health Research Fest 2022, in October:

**Christine McKenzie** et al. A comparison of the accuracy of mushroom identification applications using digital photographs.

**Elizabeth Su**, Chris McMaster, **Parnaz Aminian**, **Amy Scott**, **Lubi Trajceska**, **Kent Garrett**, Albert Frauman, **David Liew**. Quality indicators for opioid prescribing for acute postoperative pain: a scoping literature review.

**Elizabeth Su**, **Parnaz Aminian**, **David Liew**, Chris McMaster, **Amy Scott**, Albert Frauman, **Kent Garrett**. Incorporating opioid management plans into routine workflow provides consistent communication to consumers and GPs.

Lisa Toh, Andrew Talman, **Lubi Trajceska**, Fiona Desmond. Record keeping of controlled drugs at conclusion of anaesthesia in “Drugs of Addiction Register”.

## Grants and awards

**Tim Tran**, PhD, Monash University: Expanding pharmacists' roles in medication management for surgical inpatients [Awarded March 2022]

**Sharmila Khumra**, Master of Pharmaceutical Sciences, Monash University: Empowering hospital pharmacists to integrate antimicrobial stewardship into their daily practice. [Awarded September 2022]

**Patrick Hilley, Melbourne Academic Centre for Health (MACH) - Health Services Research** Fellowship. Project title: "Can novel virtual biologic clinics be used to help achieve values-based healthcare in IBD?" [Commenced Fellowship July 2022]

**Rachel Goodman**, Honourable Mention – Hospital Pharmacy Award for her project: " Evaluation of iron infusion dosing in gastroenterology ambulatory patients", Intern Foundation Program, Monash University, November 2022

**Simone Taylor**, Fellow of Society of Hospital Pharmacists of Australia

Jonathan Penm, Manya Angley, **Rohan Elliott**, et al. Timely post-discharge medication reviews to Improve Continuity – the Transitions Of Care stewardship (TIC TOC) study in rural and regional Australia. *Medical Research Future Fund (MRFF) Quality, Safety and Effectiveness of Medicine Use and Medicine Intervention by Pharmacists 2022* (\$1,499,128)

# Research degree involvement

## 1. PHD CANDIDATES

### **Karen Urbancic**

Antifungal stewardship in immunocompromised patients including solid organ transplant and haematology patients, University of Melbourne, National Centre for Antimicrobial Stewardship (part-time, 2016 – ongoing, in intermission)

## 2. MASTER OF PHARMACEUTICAL SCIENCE CANDIDATES

### **Sharmila Melvani**

Enhancing pharmacists' roles in antimicrobial stewardship. Monash University (part-time, 2016 - 2022)

## 3. RESEARCH SUPERVISION

### **Rohan Elliott**

Julia Salanowski. Pharmacist provision of medicines information via bedside whiteboards during inpatient stays to improve patient engagement and self-efficacy. *M Clin Pharm*, Monash University (part-time, 2021 - ongoing)

Sharmila Melvani. Enhancing pharmacists' roles in antimicrobial stewardship. *M Pharm Sc*, Monash University (part-time, 2016 - ongoing)

Anjaly Vellampel, Buddhipryia Palihena Bandara, Osama El-Naggar, Phillip Nguyen. Medication errors during internal health service transfers from acute to subacute settings of care. *BPharm (Honours)*, RMIT University. (July – November 2022)

### **Simone Taylor**

Brett Anderson. Advancing hospital pharmacy technician roles in the Australian context. *PhD*, University of Sydney, NSW (part-time, 2021 - ongoing)

Sam Maleki. Alteplase for central venous access occlusions [protocol] *Medical Doctorate* student, University of Melbourne. (July – November 2022)

Anjaly Vellampel, Buddhipryia Palihena Bandara, Osama El-Naggar, Phillip Nguyen. Medication errors during internal health service transfers from acute to subacute settings of care. *BPharm (Honours)*, RMIT University. (July – November 2022)

### **Nadia Mouchaileh**

Anjaly Vellampel, Buddhipryia Palihena Bandara, Osama El-Naggar, Phillip Nguyen. Medication errors during internal health service transfers from acute to subacute settings of care. *BPharm (Honours)*, RMIT University. (July – November 2022)



[Nadia also led a multicentre collaboration for this project involving investigators and students at Eastern Health, Monash Health, Royal Melbourne Hospital, St Vincents Hospital, The Northern Hospital]

#### 4. RESEARCH DEGREE PANEL MEMBERSHIPS

##### **Rohan Elliott**

Laura Dowd. Promoting the safe and effective use of opioids and other analgesics in residential aged care facilities. *PhD*, Monash University (2020 – ongoing)

##### **Simone Taylor**

Elizabeth Doran. Risk assessment of poisoned patients by non-expert clinicians. *PhD*, University of Queensland (part-time 2020 – ongoing)

Charicilia Paradissis, Medication harm in patients after acute myocardial infarction (AMI). *PhD*, University of Queensland (full-time 2019 – ongoing)

## Intern Foundation Program Projects for 2022

### **Charlotte Fernandez (Monash University IFP)**

Title: Concordance of emergency department nurse-initiated analgesia with the standing order

Supervisors: **Bui C, Taylor SE, Harding A**

### **Rachel Goodman (Monash University IFP)**

Title: Evaluation of iron infusion dosing in gastroenterology ambulatory patients

Supervisors: **Hilley P, Taylor SE, Keith C.**

### **Madison Lee (Monash University IFP)**

Title: Aspirin for VTE prophylaxis! Are we adherent to these guidelines?

Supervisors: **Findakly D, Tran T**

### **Julie Noto (Monash University IFP)**

Title: An audit of the total duration of antibiotic therapy in hospitalised patients with community acquired pneumonia

Supervisors: **Elliot RA, Khumra S, Charles P**

### **Olivia Di Giovine (Monash University IFP)**

Title: Insulin self-administration errors reported to a poisons information centre: a retrospective audit

Supervisors: **Elliot RA, Browning J, Levkovich B**

## Ongoing projects

### 1. QUALITY USE OF MEDICINES

#### Aged Care

**Elliott RA, Taylor SE, Barned K, Howell T, Lalic S, Weeks G.** Access to medication administration orders and medication supplies at residential aged care facilities post transfer from hospital.

**Mouchaileh N, Elliott R, Taylor S, Barned K, Howell T, Lalic S, Rashed S, Khoshaba.** Medication transcription errors during hospital transfers of care: a multi-centre study.

#### Emergency Medicine

**Taylor SE, Mitri E, Harding AM** et al. Development and validation of screening tools for medicine-related problems at patient presentation and after discharge from the emergency department.

**Ferma M, Harding A, Green S.** Oxycodone use in ankle injury.

**Lu G, Taylor SE, Harding A, Green S.** Interventions to optimise prescribing of strong oral opioids to be taken following emergency department discharge: a systematic review.

**Bui C, Harding AM, Taylor SE, Mansouri N.** Nurse Initiated Analgesia in the Emergency Department.

#### Infectious Diseases

**Khumra S, Mahony A, Bergen P, Stewart K, Elliott R.** Coaching ward pharmacists in antimicrobial stewardship to improve antimicrobial prescribing.

**Urbancic KF, Kong DCM, Johnson PDR, Slavin MA, Thursky K.** Antifungal stewardship in Australian hospitals: defining the current scope and future targets.

**Trubiano J, Urbancic K, Grigg A, Cohan E, Fong C, Wong E.** Posaconazole plasma concentrations in haematology patients and the utility of therapeutic drug monitoring with the oral tablet formulation (multisite project – RMH, Austin)

### 2. MEDICATION SAFETY AND PHARMACOVIGILANCE

**Aminian P, Dayment J, McCormack E.** Identifying patients at high risk of opioid-related harm in a busy tertiary hospital; where do we start?

**Uzunbay Z, Elliott R, Taylor S, Joules E, Ferraro E, Sepe D.** Accuracy of labels on community pharmacy prepared dose administration aids (DAA) labels.

**Dayment J, Mouchaileh N, Elliott R, Taylor S.** Evaluation of continuity of care for patients administered denosumab in hospital.

### 3. TOXICOLOGY

**Greene S.** The Emerging Drugs Network of Australia VIC (EDNAV) project



Wong A, **Norvill A, Elliott RA**. Impact of COVID-19 on calls to the Poisons Information Centre

Cairns R, Wright N, **Elliott R**, Wylie C, Lynch A, **Greene S**, et al. Boosting public health research with a national poisoning dataset

**Hormiz R, Stanley B, Elliott R**. Disability group home medication incidents: an audit of poisons information centre calls.

**Di Giovine O, Elliott R, Browning J**. Insulin self-administration errors reported to a poisons information centre.



## Research Collaborators

### AUSTIN HEALTH DEPARTMENTS

- Aged Care
- Clinical Pharmacology
- Clinical Toxicology
- Emergency
- Gastroenterology
- General Medicine
- Infectious Diseases
- Oncology
- Orthopaedics
- Victorian Poisons Information Centre

### UNIVERSITIES

- Deakin University
- La Trobe University
- Monash University
- RMIT University
- University of Melbourne
- University of Queensland
- University of Technology, Sydney

### AUSTRALIAN HOSPITALS

- Barwon Health (VIC)
- Eastern Health (VIC)
- Monash Health (VIC)
- Northeast Health – Wangaratta (VIC)
- Royal Melbourne Hospital (VIC)
- St Vincent’s Hospital (VIC)
- Peter MacCallum Cancer Centre (VIC)
- The Northern Hospital (VIC)

### OTHER ORGANISATIONS

- North Western Primary Health Network