TAG Mail 2018 (July - current)

Cumulative Listing of Reports, Publications, Medication Safety Information and Papers of Interest

TAG Mail – 10 October 2018

REPORTS AND PUBLICATIONS – AUSTRALIA
**Australian Institute for Health and Welfare (AIHW)
- A potentially preventable hospitalisation indicator specific to general practice - link
- Trends in injury deaths 1999–00 to 2014–15 - link
- Diabetes indicators for the Australian National Diabetes Strategy 2016–2020 - link

**Pharmacy Council of NSW
- Pharmacy Council of NSW Newsletter - October 2018

**TGA
- TGA business plan 2018-19 - link
- AusPARs
-- Atezolizumab (Tecentriq™): for the treatment of patients with locally advanced or metastatic non-small cell lung cancer (NSCLC) with progression on or after prior chemotherapy.
-- Nadroparin (Fraxiparine™): for prophylaxis of venous thromboembolism in high-risk medical patients who are immobilised due to acute illness or hospitalised in an intensive care unit.

REPORTS AND PUBLICATIONS – INTERNATIONAL
**Agency for Healthcare Research and Quality (AHRQ) USA
- TeamSTEPPS: an evidence-based approach to reduce clinical errors threatening safety in outpatient settings: an integrative review - link
- Patient safety in palliative care: a mixed-methods study of reports to a national database of serious incidents - link

**Canadian Agency for Drugs and Technologies in Health
- Telehealth-Delivered Opioid Agonist Therapy for the Treatment of Adults with Opioid Use Disorder: Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines - link
- Topical Antibiotics for the Treatment of Treatment-Resistant Impetigo: Clinical Effectiveness and Guidelines - link

**ECRI Institute
- 2019 Top 10 Health Technology Hazards – link

**EMA
- New breast cancer drug abemaciclib (cyclin-dependent kinase 4 and 6 inhibitor) approved for use in the EU - link

**Food and Drug Administration (FDA) USA**
- New approvals
  -- **Cemiplimab** for metastatic cutaneous squamous cell carcinoma or for those with locally advanced CSCC who are not candidates for curative surgery or radiation
  -- **Elapagademase-lvlr** (Revcovi™) for treatment of adenosine deaminase severe combined immune deficiency
  -- **Gardasil™ 9 HPV vaccine** indication expanded to include male and female patients aged 27-45 years old
  -- **Omadacycline** (Nuzyra™) for adults with community-acquired bacterial pneumonia and acute skin and skin structure infection
  -- **Emicizumab** (Hemlibra™) Hemophilia A drug - indication expanded for use in nearly all patients
  -- **Inotersen** (Tegsedi™) for polyneuropathy in adults with hereditary transthyretin amyloidosis

**The Health Foundation**
- The spread challenge: how to support the successful uptake of innovations and improvements in health care - link

**National Institute for Health and Clinical Excellence (NICE) UK**
- Cabozantinib for untreated advanced renal cell carcinoma – guidance (TA542)
- Decision-making and mental capacity – guidance (NG108)
- Renal replacement therapy and conservative management – guidance (NG107)
- Renal replacement therapy services for adults – quality standard (QS72)
- Tofacitinib for treating active psoriatic arthritis after inadequate response to DMARDs – guidance (TA543)

**Specialist Pharmacy Services**
- Pharmacy Institutional Readiness for Marketed CAR-T Therapy: Guidance for Chief Pharmacists - link

**The King's Fund**
- Approaches to better value: improving quality and cost - link

**MEDICATION SAFETY**
- Revised SPCs:
  -- **Brancico XL™** (quetiapine): severe cutaneous adverse reactions, including Stevens-Johnson syndrome, toxic epidermal necrolysis, drug reaction with eosinophilia and systemic symptoms added (frequency very rare or unknown).
  -- **Soliris** (eculizumab): serious infections with Neisseria species, including disseminated gonococcal infections, reported. Physicians should advise patients about gonorrhoea prevention. Also, chronic IVIg treatment may decrease serum eculizumab levels.
  -- **Viramune** (nevirapine): autoimmune disorders (such as Graves’ disease and autoimmune hepatitis) reported with treatment; time to onset variable and events can occur many months after initiation.
  -- **Braltus™** (Tiotropium): advice strengthened in order that patients follow instructions carefully with pictures showing correct method for inserting capsule into inhaler and never placing it directly into mouthpiece, to avoid risk of choking.
  -- **Indocid™** (indomethacin): no specific dosing recommendations in dysmenorrhea and gouty arthritis: dosage should be carefully adjusted to suit the needs of the individual patient. Also updated info on use in third trimester of pregnancy.
  -- **Diflucan™** (fluconazole): increased tofacitinib exposure when co-administered with drugs that are both moderate inhibitors of CYP3A4 and strong inhibitors of CYP2C19 such as fluconazole. Reduce tofacitinib dose to 5mg once daily when combined with fluconazole.

**EMA**
- EMA Pharmacovigilance Risk Assessment Committee (PRAC) recommends restrictions on use of fluoroquinolone antibiotics and market withdrawal of quinolone antibiotics – follows reports of long-lasting adverse effects involving muscles, tendons and bones and the nervous system. Quinolone antibiotics no longer effective in EMA-authorised indications- [link]

**Institute for Safe Medication Practices (ISMP) USA**
  -- Mix-ups between epidural analgesia and IV antibiotics in labor and delivery units continue to cause harm
  -- FDA draft guidance clarifies requirements for barcodes and expiration dates
  -- Label format used by some outsourcers
  -- FDA cautions on misuse of pen needles
  -- Acute Care Action Agenda (July-September 2018)

**OTHER NEWS (new additions in bold)**

**AHHA**
- The Health Advocate - [October 2018]
- Podcast [Episode 5]: Deebie Institute for Health Policy Research Issues Brief
- Podcast [Episode 6]: Re-positioning the hospital

**Australian Prescriber**
- October 2018 issue
  -- Ribociclib for breast cancer - [link]
  -- Trifluoride tipiraciol for colorectal cancer - [link]
- PODCAST [Episode 33] – Combining anticoagulation and antiplatelet drugs in coronary artery disease

**CEC**
- Surgical Antibiotic Prophylaxis [Toolkit]
- 2019 Ian O’Rourke Scholarship in Patient Safety - [link]
- AMS: Closing date for data entry for the Hospital NAPS is 30 December 2018.

**ePPPOC (electronic Persistent Pain Outcomes Collaboration) Information Series**
- Normative data for adults referred for specialist pain management in Australia - [link]
- Normative data for children and adolescents referred for specialist pain management in Australia - [link]

**MJA Podcasts**
- [Episode 85]: Stillbirth and ethnic origin, with Dr Maryam Mozooni

**NPS MedicineWise**
- [WEBINAR] Thursday, 18 October 2018 7.00pm AEDT: CV risk in patients with type 2 diabetes and CVD: Getting to the heart of diabetes

**NSW Health**
- Analytics Assist Service - find and use statewide data and information to drive improved health outcomes and health system performance - [link]

**PAPERS OF INTEREST**

**American Journal of Health-System Pharmacy (AHJP)**
- Primary care collaborative practice in quality improvement: Description of an interprofessional curriculum - [link]
- Development of an operational productivity tool within a cancer treatment center pharmacy - [link]
- Implementation of a pharmacogenomics education program for pharmacists - [link]

**Annals of Internal Medicine**
- Statins and Multiple Non-cardiovascular Outcomes: Umbrella Review of Meta-analyses of Observational Studies and Randomized Controlled Trials - link

**Blood**
- Rivaroxaban vs warfarin in high-risk patients with antiphospholipid syndrome - link

**BMC musculoskeletal disorders**
- The efficacy and safety of combined administration of intravenous and topical tranexamic acid in primary total knee arthroplasty: a meta-analysis of randomized controlled trials - link
- Low molecular weight heparin versus other anti-thrombotic agents for prevention of venous thromboembolic events after total hip or total knee replacement surgery: a systematic review and meta-analysis - link

**British Medical Journal (BMJ)**
- Patent foramen ovale closure, antiplatelet therapy or anticoagulation therapy alone for management of cryptogenic stroke? A clinical practice guideline - link
- Long term adjuvant endocrine therapy and risk of cardiovascular disease in female breast cancer survivors: systematic review - link
- Comparative, cross-sectional study of the format, content and timing of medication safety letters issued in Canada, the USA and the UK - link
- Thyroid hormone therapy does not improve symptoms in subclinical hypothyroidism, review finds - link

**British Journal of Psychiatry**
- Mood stabilisers and risk of stroke in bipolar disorder – link

**BMJ Quality and Safety**
- Virtual outpatient clinic as an alternative to an actual clinic visit after surgical discharge: a randomised controlled trial - link
- Effectiveness of a multistate quality improvement campaign in reducing risk of surgical site infections following hip and knee arthroplasty - link

**Canadian Medical Association Journal (CMAJ)**
- Effectiveness of interventions for managing multiple high-burden chronic diseases in older adults: a systematic review and meta-analysis - link

**Circulation**
- Assessment of Cardiovascular Risk in Older Patients with Gout Initiating Febuxostat versus Allopurinol: A Population-Based Cohort Study - link
- Effects of Liraglutide on Cardiovascular Outcomes in Patients with Type 2 Diabetes with or Without History of Myocardial Infarction or Stroke: A Post Hoc Analysis from the LEADER Trial - link
- Effects of Liraglutide versus Placebo on Cardiovascular Events in Patients with Type 2 Diabetes and Chronic Kidney Disease: Results from the LEADER Trial - link
- P2Y12-ADP Receptor Blockade in Chronic Kidney Disease Patients With Acute Coronary Syndromes: Review of the Current Evidence - link

**Clinical Journal of Pain**
- Effect of Methylprednisolone on Pain Management in Total Knee or Hip Arthroplasty: A Systematic Review and Meta-Analysis of Randomized Controlled Trial - link

**Cochrane**
- E-Health interventions for anxiety and depression in children and adolescents with long-term physical conditions - link
- Olanzapine for the prevention and treatment of cancer-related nausea and vomiting in adults - link
- Insulin and glucose-lowering agents for treating people with diabetes and chronic kidney disease - link
- Antiplatelet and anticoagulant agents for primary prevention of thrombosis in individuals with antiphospholipid antibodies - link
- Different infusion durations for preventing platinum-induced hearing loss in children with cancer - [link]
- Valproate preparations for agitation in dementia - [link]
- Progestogen for preventing miscarriage in women with recurrent miscarriage of unclear etiology - [link]

**European Heart Journal**
- Heart failure and diabetes: metabolic alterations and therapeutic interventions: a state-of-the-art review from the Translational Research Committee of the Heart Failure Association–European Society of Cardiology - [link]

**European Journal of Hospital Pharmacy**
- Promoting clinical pharmacy services through advanced medication review in the emergency department - [link]

**Internal Medicine Journal**
- Update on diagnosis and anticoagulant therapy for venous thromboembolism - [link]
- Trends in adverse drug reactions related hospitalisations over 13 years in New South Wales, Australia - [link]

**International Journal of Clinical Practice**
- Risk of hypoglycaemia in people aged >/=65 years receiving linagliptin: pooled data from 1489 individuals with type 2 diabetes mellitus - [link]

**International Journal for Quality in Health Care**
- Unstructured brainstorming is not enough: structured brainstorming based on four verification and validation questions yields better hazard identification in healthcare - [link]
- Is a modified Global Trigger Tool method using automatic trigger identification valid when measuring adverse events?: A comparison of review methods using automatic and manual trigger identification - [link]
- Quality assessment indicators in antenatal care worldwide: a systematic review - [link]

**JAMA**
- Association of Thyroid Hormone Therapy With Quality of Life and Thyroid-Related Symptoms in Patients With Subclinical Hypothyroidism: A Systematic Review and Meta-analysis - [link]
- Diagnosis and Management of Rheumatoid Arthritis: A Review - [link]
- Immune Checkpoint Inhibitor Toxicity in 2018 - [link]
- Bisphosphonates for Patients Diagnosed with Multiple Myeloma - Clinical Evidence Synopsis - [link]
- Diagnosis and Management of Rheumatoid Arthritis - A Review - [link]

**JAMA Dermatology**
- Complementary and Alternative Medicine Therapies for Psoriasis: A Systematic Review - [link]

**JAMA Internal Medicine**
- Frequency and Associations of Prescription Nonsteroidal Anti-inflammatory Drug Use Among Patients With a Musculoskeletal Disorder and Hypertension, Heart Failure, or Chronic Kidney Disease - [link]
- Association of Chronic Kidney Disease With Allopurinol Use in Gout Treatment - [link]

**JAMA Neurology**
- Efficacy of a Discharge Educational Strategy vs Standard Discharge Care on Reduction of Vascular Risk in Patients With Stroke and Transient Ischemic Attack - The DESERVE Randomized Clinical Trial - [link]

**JAMA Oncology**
- Association of Analgesic Use with Risk of Ovarian Cancer in the Nurses’ Health Studies - [link]
- Association between Aspirin Use and Risk of Hepatocellular Carcinoma - link

**JAMA Paediatrics**
- Long-term Survival and Value of Chimeric Antigen Receptor T-Cell Therapy for Pediatric Patients with Relapsed or Refractory Leukemia - link

**Journal of the American Geriatrics Society**
- Initial Cholinesterase Inhibitor Therapy Dose and Serious Events in Older Women and Men - link
- Cumulative Antidepressant Use and Risk of Dementia in a Prospective Cohort Study - link

**Journal of Hospital Infection**
- A qualitative study of the factors impacting Antimicrobial Stewardship program delivery in regional and remote hospitals. Journal of Hospital Infection - link

**Journal of Pharmacy Practice and Research (JPPR)**
- The association between frailty and medicines use over time: an analysis using the Australian Longitudinal Study on Ageing population - link
- Evaluation of medication list accuracy from hospital discharge to first outpatient follow-up - link

**Lancet**
- Amoxicillin-clavulanate versus azithromycin for respiratory exacerbations in children with bronchiectasis (BEST-2): a multicentre, double-blind, non-inferiority, randomised controlled trial - link
- Closed-loop insulin delivery in suboptimally controlled type 1 diabetes: a multicentre, 12-week randomised trial - link
- Effects of vitamin D supplementation on musculoskeletal health: a systematic review, meta-analysis, and trial sequential analysis - link
- Single-dose versus 7-day-dose metronidazole for the treatment of trichomoniasis in women: an open-label, randomised controlled trial - link
- Baseline and on-statin treatment lipoprotein(a) levels for prediction of cardiovascular events: individual patient-data meta-analysis of statin outcome trials - link

**National Institute for Health Research (NIHR)**
- Two antiplatelet drugs may prevent further strokes but increase major bleeds - link

**Pediatrics (American Academy of Pediatrics)**
- Pediatricians’ Participation in Quality Improvement at the Time of Enrollment in MOC - link
- Acetaminophen and Febrile Seizure Recurrences during the Same Fever Episode - link

**Pain**
- Cannabis and cannabinoids for the treatment of people with chronic noncancer pain conditions: a systematic review and meta-analysis of controlled and observational studies - link

**Therapeutics and Clinical Risk Management**
- Predictors of new oral anticoagulant drug initiation as opposed to warfarin in elderly adults: a retrospective observational study in Southern Italy - link
- Antiplatelet agents in perioperative non-cardiac surgeries: to maintain or to suspend? - link
- Lower neutrophil-to-lymphocyte ratio predicts high risk of multidrug-resistant Pseudomonas aeruginosa infection in patients with hospital-acquired pneumonia - link

**Sydney University Cardiovascular Initiative (CVI) Precision Medicine Symposium**

UPCOMING EVENTS
(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)

- Antiplatelet agents in perioperative non-cardiac surgeries: to maintain or to suspend? - link
Save the date - Mon 19th Nov, Charles Perkins Centre, University of Sydney – link not yet available

TAG Mail – 4 October 2018

REPORTS AND PUBLICATIONS – AUSTRALIA
**Cancer Council Queensland
- Australian Cancer Atlas - link

**Australian Institute for Health and Welfare (AIHW)
- Health expenditure Australia 2016–17 - link
- BreastScreen Australia monitoring report 2018 - link

**Monash University on behalf of NHMRC, Centre for Research Excellence in PCOS and the Australian PCOS Alliance
- International evidence-based guideline for the assessment and management of polycystic ovary syndrome (PCOS) 2018 - link

**NSW Health Intranet
- NSW Strategic Framework and Workforce Plan for Mental Health 2018-2022: A Framework and Workforce Plan for NSW Health Services - link

**PBS
- Revised Ezetimibe & Ezetimibe-Statin Restrictions effective 1 October 2018 - link

**TGA
- Inhaled or injected general anaesthetic agents and sedative medicines - Safety advisory – possible effects on brain development in young children - link
- The new edition of the SUSMP (No. 22) has been registered on the Federal Register of Legislation as Poisons Standard October 2018 - link
- Sedating antihistamines - proposed additional advisory statements for medicines - link
- AusPARs
  -- Indacaterol maleate/ Glycopyrronium bromide (Ultibro Breezhaler®) - indicated as a once-daily maintenance bronchodilator treatment to relieve symptoms in patients with COPD, and for the reduction of exacerbations of COPD in patients with a history of exacerbations.

REPORTS AND PUBLICATIONS – INTERNATIONAL
**Agency for Healthcare Research and Quality (AHRQ) USA
- Pharmacist outpatient prescription review in the emergency department: a pediatric tertiary hospital experience - link

**Health Canada
- Health Product InfoWatch, September 2018 issue
  -- Flarex™ (fluorometholone acetate ophthalmic suspension): risk of systemic corticosteroid toxicity has been added to product monograph

**Canadian Agency for Drugs and Technologies in Health
- Parenteral Nutrition Combination Products: Clinical Effectiveness, Cost-Effectiveness and Guidelines - link

**FDA
- New approvals
  -- Galcanezumab-gnlm (Emgality™) approved for migraine prophylaxis in adults
  -- Dacomitinib (Vizimpro™) approved for the first-line treatment of patients with EGFR-mutated metastatic non-small cell lung cancer
  -- Cemiplimab-rwlc (Libtayo™) injection approved for first-line treatment of advanced cutaneous squamous cell carcinoma
-- Liposomal amikacin (Arikayce™) for lung infection caused by Mycobacterium avium complex (MAC)
-- Carfilzomib once-weekly in combination with dexamethasone approved for patients with relapsed or refractory multiple myeloma
-- Sarecycline (Seyesara™) approved for moderate to severe acne
-- Autoinjectable Testosterone (Xyosted™) approved for for testosterone replacement therapy in men diagnosed with conditions associated with a deficiency or absence of endogenous testosterone

**Joint Commission**
- A Health System–Wide Initiative to Decrease Opioid-Related Morbidity and Mortality - link
- 2018 Pioneers in Quality eCQM Proven Practices: EHR Refinement & System EHR Transition - link

**MHRA**
- Severe mental illness (SMI): physical health inequalities - link

**NHS England**
- Consultation on the new NHS Diabetes Prevention Programme framework - link
- The Suspicion of Sepsis (SOS) Insights Dashboard - link

**NHS Scotland**
- Scottish Atlas of Variation - link

**National Institute for Health and Clinical Excellence (NICE) UK**
- Provisional publication of Never Events reported as occurring between 1 April and 31 August 2018 - link
- The impact of integrated care teams on hospital use in North East Hampshire and Farnham - link

**Scottish Intercollegiate Guideline Network (SIGN) UK**
- Cardiac arrhythmias in coronary heart disease - link

**Specialist Pharmacy Services**
- What is the antidepressant of choice in coronary heart disease (CHD)? - link

**The King’s Fund**
- Impact of the Care Quality Commission on provider performance: room for improvement? - link
- Stalling life expectancy in the UK - link

**MEDICATION SAFETY**
**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- Celsentri™ (maraviroc): autoimmune disorders (such as Graves' disease and autoimmune hepatitis) reported; however, time to onset is variable and events can occur many months after treatment initiation.
  -- Iclusig™ (ponatinib): A warning regarding Posterior Reversible Encephalopathy Syndrome (PRES) (uncommon) added to the SPC.
  -- Lemtrada™ (alemtuzumab): may increase risk of acute acalculous cholecystitis linked to high morbidity and mortality rates if not diagnosed early and treated. Time to onset of symptoms ranged from <24 hours to 2 months.
  -- Flagyl™ (metronidazole): severe bullous skin reactions such as Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN) or acute generalised exanthematous pustulosis (AGEP) reported. If symptoms/signs present, immediately discontinue treatment.

**Food and Drug Administration (FDA) USA**
- FDA alert: Differences in strength expression on product labels of compounders and conventional manufacturers may lead to dosing errors - link
Caution When Using Pen Needles to Inject Medicines: FDA Safety Communication - [link](#)

**Health Canada**
MedEffect™ e-Notice: EpiPen and EpiPen Jr auto-injectors may stick in their carrier tube - Patients need to check their device to confirm that it can be removed from the carrier tube with ease - [link](#)

**The Pew Charitable Trusts**
- Ways to Improve Electronic Health Record Safety – [link](#)

**OTHER NEWS (new additions in bold)**
**Look alike product packaging alert**
- Bisoprolol 2.5mg (Generic Health) & Sertraline 50mg (Generic Health)
- Rosuvastatin 5mg (Sandoz) & Simvastatin 40mg (Sandoz)

**TGA and HPPL update**
- Therapeutic Goods Order (TGO) 80/80A Child-Resistant Packaging Requirements for Medicines updated and replaced by TGO 95 - [link](#) (please also refer to email communication sent by HPPL)
--Several new drug class/substance additions now also requiring Child-Resistant Packaging mandated to be in effect from 1st October 2018.
--HPPL database currently has KIDCAP warning codes assigned to all relevant drugs as per TGO 80/80A, bulk update will also include new substances in accordance with TGO 95
--HPPL update to occur on 10th October. From 1st October, all NSW sites need to be aware of the updated requirements when supplying these medicines.

**Australian Prescriber**
- October 2018 issue
-- Ribociclib for breast cancer - [link](#)
-- Trifluridine/tipiracil for colorectal cancer - [link](#)
- PODCAST Episode 33 – Combining anticoagulation and antiplatelet drugs in coronary artery disease

**CEC**
- Surgical Antibiotic Prophylaxis Toolkit
- 2019 Ian O'Rourke Scholarship in Patient Safety - [link](#)

**MJA Podcasts**
- Episode 83: Guidelines for PCOS, with Prof Helena Teede and A/Prof Jacqui Boyle

**NPS MedicineWise**
- WEBINAR: CV risk in patients with type 2 diabetes and CVD: Getting to the heart of diabetes
- PODCAST Episode 34 – Medical management of metastatic prostate cancer

**NSW Health**
- Analytics Assist Service - find and use statewide data and information to drive improved health outcomes and health system performance - [link](#)

**Veterans’ MATES**
- Proton Pump Inhibitors Therapeutic Brief - [link](#)

**PAPERS OF INTEREST**
**Academic Emergency Medicine**
- Prospective Validation of Clinical Criteria to Identify Emergency Department Patients at High Risk for Adverse Drug Events - [link](#)

**Addictive Behaviours**
- A systematic review into the incidence, severity and duration of antidepressant withdrawal effects: Are guidelines evidence-based? - link

**American Diabetes Association - Diabetes Care**
- Poor Metabolic Control in Children and Adolescents with Type 1 Diabetes and Psychiatric Comorbidity - link

**American Journal of Medical Quality**
- The Impact of a Transition of Care Program on Acute Myocardial Infarction Readmission Rates - link

**American Journal of Health-System Pharmacy (AHJP)**
- ASHP Guidelines on Preventing Medication Errors in Hospitals - link
- Development and validation of an automated algorithm for identifying patients at high risk for drug-induced hypoglycemia - link

**British Journal of Clinical Pharmacology**
- Statins after intracranial haemorrhage: seizing a new opportunity? - link
- Proposed biosimilar pegfilgrastim shows similarity in pharmacokinetics and pharmacodynamics to reference pegfilgrastim in healthy subjects - link

**British Journal of Psychiatry**
- Involving patients with dementia in decisions to initiate treatment: effect on patient acceptance, satisfaction and medication prescription - link

**British Medical Journal (BMJ)**
- Association between contemporary hormonal contraception and ovarian cancer in women of reproductive age in Denmark: prospective, nationwide cohort study - link
- What interventions are effective to taper opioids in patients with chronic pain? - link
- Recorded atypical hallucinations in psychotic and affective disorders and associations with non-benzodiazepine hypnotic use: the South London and Maudsley Case Register - link
- Six months versus 12 months dual antiplatelet therapy after drug-eluting stent implantation in ST-elevation myocardial infarction (DAPT-STEMI): randomised, multicentre, non-inferiority trial - link

**BMJ Quality and Safety**
- We want to know: patient comfort speaking up about breakdowns in care and patient experience - link https://qualitysafety.bmj.com/content/early/2018/09/29/bmjqs-2018-008159

**Circulation**
- Heart Failure after Ischemic Stroke or Transient Ischemic Attack in Insulin-Resistant Patients without Diabetes Mellitus Treated with Pioglitazone - link
- Periprocedural Outcomes of Direct Oral Anticoagulants Versus Warfarin in Nonvalvular Atrial Fibrillation - link

**Clinical Pharmacology & Therapeutics**
- Data rich, information poor; can we use electronic health records to create a learning healthcare system for pharmaceuticals? - link

**Cochrane**
- Blood pressure-lowering treatment for preventing recurrent stroke, major vascular events, and dementia in patients with a history of stroke or transient ischaemic attack - link
- Continuation versus discontinuation of antiplatelet therapy for bleeding and ischaemic events in adults undergoing non-cardiac surgery - link
- Antifibrinolytic therapy for preventing oral bleeding in people on anticoagulants undergoing minor oral surgery or dental extractions - link
- Calcium channel blockers for preventing cardiomyopathy due to iron overload in people with transfusion-dependent beta thalassaemia - link
- Interventions for recurrent corneal erosions - link
- Acute tocolysis for uterine tachysystole or suspected fetal distress - link
- Nivolumab for adults with Hodgkin's lymphoma (a rapid review using the software RobotReviewer) - link
- Systemic antibiotics for symptomatic apical periodontitis and acute apical abscess in adults - link
- Oral care measures for preventing nursing home-acquired pneumonia - link
- Nebulised hypertonic saline for cystic fibrosis - link
- Ibuprofen for the treatment of patent ductus arteriosus in preterm or low birth weight (or both) infants - link
- Tacrolimus for induction therapy in active Crohn's disease - link
- Calcium supplementation during pregnancy for preventing hypertensive disorders and related problems - link
- Antihypertensive drug therapy for mild to moderate hypertension during pregnancy - link

**European Journal of Hospital Pharmacy**
- Medicines reconciliation in primary care: a study evaluating the quality of medication-related information provided on discharge from secondary care - link

**Internal Medicine Journal**
- Examination of risk scores to better predict hospital-related harms - link

**Infection Control & Hospital Epidemiology**
- The preventable proportion of healthcare-associated infections 2005–2016: Systematic review and meta-analysis - link

**International Journal for Quality in Health Care**
- A framework to support risk assessment in hospitals - link

**JAMA Cardiology**
- Association of Same-Day Discharge after Elective Percutaneous Coronary Intervention in the United States with Costs and Outcomes - link

**JAMA Internal Medicine**
- Effect of Increased Daily Water Intake in Premenopausal Women with Recurrent Urinary Tract Infections - A Randomized Clinical Trial - link
- Association of Risk for Venous Thromboembolism with Use of Low-Dose Extended- and Continuous-Cycle Combined Oral Contraceptives - A Safety Study Using the Sentinel Distributed Database - link
- Evaluating Progression-Free Survival as a Surrogate Outcome for Health-Related Quality of Life in Oncology - A Systematic Review and Quantitative Analysis - link
- Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain: A Randomized Clinical Trial - link

**JAMA Network Open**
- Assessment of Outcomes of Treatment With Oral Anticoagulants in Patients With Atrial Fibrillation and Multiple Chronic Conditions - A Comparative Effectiveness Analysis - link
- Assessment of Opioid Prescribing Practices Before and After Implementation of a Health System Intervention to Reduce Opioid Overprescribing - link
- Association of the Hospital Readmissions Reduction Program with Mortality During and After Hospitalization for Acute Myocardial Infarction, Heart Failure, and Pneumonia - link

**JAMA Neurology**
- Patterns of Dementia Treatment and Frank Prescribing Errors in Older Adults with Parkinson Disease - link

**JAMA Psychiatry**
- Prediction Models of Functional Outcomes for Individuals in the Clinical High-Risk State for Psychosis or With Recent-Onset Depression: A Multimodal, Multisite Machine Learning Analysis - link

**Lancet**
- National cancer control plans: a global analysis - link
- Age-related macular degeneration - link
- Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial - link
- Telehealth: delivering high-quality care for heart failure - link
- Global, regional, and national burden of Parkinson's disease, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016 - link

**Medical Journal of Australia**
- Coordinated care for patients with cirrhosis: fewer liver-related emergency admissions and improved survival - link
- *Helicobacter pylori* infection and the risk of upper gastrointestinal bleeding in low dose aspirin users: systematic review and meta-analysis - link

**New England Journal of Medicine**
- Review: Alcohol Use in Patients with Chronic Liver Disease - link
- Fracture Prevention with Zoledronate in Older Women with Osteopenia - link

**Therapeutics and Clinical Risk Management**
- Efficacy and cardiac safety of the concurrent use of trastuzumab and anthracycline-based neoadjuvant chemotherapy for HER2-positive breast cancer: a systematic review and meta-analysis - link

**ACI Health Change Australia training course**
18-19 October 2018, Deerubbin Room, Level 7, ACI Chatswood, NSW - link

**Australian Commission on Safety and Quality in Health Care (ACSQHC)**
- Spring 2018 Newsletter - link
- Online module aimed at improving communication of risk - link

**Australian Institute for Health and Welfare (AIHW)**
- Tracking progress against the Implementation Plan goals for the Aboriginal and Torres Strait Islander Health Plan 2013–2023 - link
- National suicide monitoring of serving and ex-serving Australian Defence Force personnel: 2018 update - link

**Penington Institute**
- Australia's Annual Overdose Report 2018

**The Royal Australasian College of Physicians (RACP)**
- Guidelines for ethical relationships between physicians and industry (4th edition) – link

**TGA**
- Medicine shortages reforms - Mandatory reporting of shortages from 1 January 2019

**Victorian Institute of Forensic Medicine**
- September Clinical Communiqué- ‘Looking after ourselves’

REPORTS AND PUBLICATIONS – INTERNATIONAL
**Agency for Healthcare Research and Quality (AHRQ) USA**
- Community-Acquired Pneumonia Clinical Decision Support Implementation Toolkit - link
- Resource-based view on safety culture's influence on hospital performance: the moderating role of electronic health record implementation - link
- Epidemiology of and risk factors for harmful anti-infective medication errors in a pediatric hospital. - link
- Interventions for postsurgical opioid prescribing: a systematic review - link

**Canadian Agency for Drugs and Technologies in Health**
- Probiotics for Antibiotic-Associated Diarrhea and Clostridium difficile Infection: A Review of Clinical Effectiveness - link
- Benzydamine for Acute Sore Throat: A Review of Clinical Effectiveness and Guidelines - link
- Management of Complications during Hemodialysis: Guidelines - link

**EMA**
- New drug approvals
  -- Ilumetri™ (tiludrakizumab) approved for moderate-to-severe chronic plaque psoriasis
  -- Imfinzi™ (durvalumab) approved for treatment of locally-advanced, unresectable non-small cell lung cancer

**FDA**
- New drug approvals
  -- Copiktra™ (duvelisib) approved in US for treatment relapsed or refractory chronic lymphocytic leukaemia/small lymphocytic lymphoma

**Institute for Healthcare Improvement**
- Deprescribing Can Mean Fewer Opioids, More Grateful Patients - link

**NHS England**
- A new online resource to support and assist adults with Type 1 diabetes - link
- Resource toolkit to reduce prescribing over the counter (OTC) medicines in primary care - link

**NHS Scotland**
- Scottish Atlas of Variation - link

**NHS Improvement**
- Monthly data on patient safety incident reports - link

**National Institute for Health and Clinical Excellence (NICE) UK**
- Asthma - Quality Standard QS25
- Eating disorders - Quality Standard QS175
- Medicines Evidence Commentary: The risk of MRSA and C difficile in people with documented ‘penicillin allergy’ - link

**Pennsylvania Patient Safety Authority**
- Patient Safety Advisory September 2018, Vol. 15, No. 3
- The Breakup: Errors when Altering Oral Solid Dosage Forms - link

**Public Health England**
- Older People’s Mental Health Data Catalogue - link

**The Health Foundation (UK)**
- Q: The journey So Far – Connecting improvement across the UK – insights and progress three years in - link
**The King’s Fund**
- A year of integrated care systems: reviewing the journey so far - [link]
- Joined-up listening: integrated care and patient insight - [link]

**World Health Organisation (WHO)**
- World Health Organisation Global Status report on alcohol and health 2018 - [link]

**MEDICATION SAFETY**
**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- **Ziagen™ (abacavir)** – autoimmune disorders (such as Graves’ disease and autoimmune hepatitis) in the setting of immune reactivation; can occur many months after initiation of treatment.
  -- **Descovy™ (200mg emtricitabine/25mg tenofovir alafenamide), StriBild™ (150mg elvitegravir/150mg cobicistat, 200mg emtricitabine/245mg of tenofovir disoproxil), Triumeq™ (dolutegravir/ abacavir / lamivudine) and CombiVir™ (lamivudine, zidovudine) updated to provide safety information about risk of autoimmune hepatitis in the context of Immune Reactivation Syndrome - [link]
  -- **Opdivo™ (nivolumab) infusion** - pericardial disorders (pericarditis, pericardial effusion, cardiac tamponade, and Dressler’s Syndrome) added as an uncommon adverse effect.
  -- **Relvar Ellipta™ (fluticasone furoate/ vilanterol)** - hyperglycaemia as an uncommon adverse effect.
- Risk minimisation materials for:
  -- **Tenofovir disoproxil** - addresses the use and monitoring of tenofovir in patients at increased risk of renal impairment, or with renal impairment.
  -- **Tenofovir disoproxil** - provides advice on the management of potential renal and bone effects of tenofovir disoproxil in HIV-1 infected children and adolescents, with dosing recommendations for this population.
  -- **Nyxoid™ (naloxone)** nasal spray - educational materials including safety information for healthcare professionals, patient card, and an online video for suspected opioid overdose.
  -- **Zentiva™ (voriconazole)** - a healthcare professional guide and a patient guide to minimize risk of phototoxicity and squamous cell carcinoma.

**Food and Drug Administration (FDA) USA**
- Opioid Analgesic Risk Evaluation and Mitigation Strategy (REMS) - [link]
- New drug approvals

**Institute for Safe Medication Practices (ISMP) USA**
- Acute care: Medication Safety Alert! September 20, 2018
  -- Ongoing Risk: Misconnections of Tracheostomy Pilot Balloon Ports with IV Infusions Can Result in Fatal Outcomes
  -- Phenylephrine overdose
  -- FDA supports adoption of enteral connectors that reduce misconnections
  -- Nebulizer solution mix-up

**Medicines and Healthcare products Regulatory Agency (MHRA) UK**
- Xofigo™ (radium-223-dichloride): new restrictions on use due to increased risk of fracture and trend for increased mortality seen in clinical trial
- Zinbryta™ (Daclizumab beta): risk of immune-mediated encephalitis – some cases several months after stopping treatment. Monitoring for encephalitis should continue for 12 months following discontinuation.
- Spinraza™ (Nusinersen): reports of communicating hydrocephalus; discuss symptoms with patients and carers and investigate urgently

**OTHER NEWS (new additions in bold)**
**Look alike product packaging alert**
- Bisoprolol 2.5mg (Generic Health) & Sertraline 50mg (Generic Health)
- Rosuvastatin 5mg (Sandoz) & Simvastatin 40mg (Sandoz)

**TGA and HPPL update**

- Therapeutic Goods Order (TGO) 80/80A Child-Resistant Packaging Requirements for Medicines updated and replaced by TGO 95 - link (please also refer to email communication sent by HPPL)
- Several new drug class/substance additions now also requiring Child-Resistant Packaging mandated to be in effect from 1st October 2018.
- HPPL database currently has KIDCAP warning codes assigned to all relevant drugs as per TGO 80/80A, bulk update will also include new substances in accordance with TGO 95
- HPPL update to occur on 10th October. From 1st October, all NSW sites need to be aware of the updated requirements when supplying these medicines.

**TGA**
- Webinar: TGA fast track approval of prescription medicines: Information for health professionals
  27 September 2018, 12-1pm - link

**CEC**
- Surgical Antibiotic Prophylaxis Toolkit
- 2019 Ian O’Rourke Scholarship in Patient Safety - link

**MJA Podcasts**
- Episode 80: Hepatocellular carcinoma, with Dr Thai Hong
- Episode 81: Coordinated care of cirrhosis, with A/Prof Alan Wigg and Dr Jeyamani Ramachandran
- Episode 82: Aspirin, H pylori and UGI bleeding, with Dr Justin Ng

**Veterans’ MATES**
- Proton Pump Inhibitors Therapeutic Brief - link

**PAPERS OF INTEREST**

**American Heart Association (AHA)**
- Circulation
  - Non–Vitamin K Antagonist Oral Anticoagulants for Mechanical Heart Valves
    Is the Door Still Open? - link
  - An Open-Label Randomized Trial Comparing Oral Anticoagulation with and without Single Antiplatelet Therapy in Patients with Atrial Fibrillation and Stable Coronary Artery Disease Beyond One Year after Coronary Stent Implantation: The OAC-ALONE Study - link
  - 2017 AHA/ACC/HRS Guideline for Management of Patients with Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death - link
  - Stroke
    - Improved Stroke Prevention in Atrial Fibrillation after the Introduction of Non–Vitamin K Antagonist Oral Anticoagulants - The Stockholm Experience – link

**Annals of Internal Medicine**
- Effect of Variation in Published Stroke Rates on the Net Clinical Benefit of Anticoagulation for Atrial Fibrillation - link

**British Journal of Clinical Pharmacology**
- An evidence-based systematic review of the off-label uses of lisinopril - link
- The impact of CYP2D6 mediated drug–drug interaction: a systematic review on a combination of metoprolol and paroxetine/fluoxetine - link
- Effects of discontinuation of chronic medication in primary care: a systematic review of deprescribing trials - [link](#)
- Evaluation of the adequacy of drug prescriptions in patients with chronic kidney disease: results from the CKD-REIN cohort - [link](#)
- Missed opportunities: unnecessary medicine use in patients with lung cancer at the end of life – an international cohort study - [link](#)
- Prevalence of drug–herb and drug–supplement interactions in older adults: a cross-sectional survey - [link](#)
- Releasing GP capacity with pharmacy prescribing support and New Ways of Working: a prospective observational cohort study - [link](#)

**British Journal of Psychiatry**
- Repeated oral ketamine for out-patient treatment of resistant depression: randomised, double-blind, placebo-controlled, proof-of-concept study - [link](#)
- Timing of onset of lithium relapse prevention in bipolar disorder: evidence from randomised trials - [link](#)

**British Medical Journal (BMJ)**
- Effect of high dose folic acid supplementation in pregnancy on pre-eclampsia (FACT): double blind, phase III, randomised controlled, international, multicentre trial - [link](#)
- Association between maternal gluten intake and type 1 diabetes in offspring: national prospective cohort study in Denmark - [link](#)

- BMJ Drugs and Therapeutics Bulletin
  - Where now for opioids in chronic pain? - [link](#)

**BMJ Heart**
- Toxicity of cancer therapy: what the cardiologist needs to know about angiogenesis inhibitors - [link](#)

**BMJ Quality and Safety**
- Patient safety and the ageing physician: a qualitative study of key stakeholder attitudes and experiences - [link](#)
- Implementing infection prevention practices across European hospitals: an in-depth qualitative assessment - [link](#)
- Ethical decision-making climate in the ICU: theoretical framework and validation of a self-assessment tool - [link](#)
- Paediatric hospital admission processes and outcomes: a qualitative study of parents’ experiences and priorities - [link](#)
- The ConCom Safety Management Scale: developing and testing a measurement instrument for control-based and commitment-based safety management approaches in hospitals - [link](#)
- Measurement and monitoring of safety: impact and challenges of putting a conceptual framework into practice – [link](#)
- Speak up-related climate and its association with healthcare workers’ speaking up and withholding voice behaviours: a cross-sectional survey in Switzerland - [link](#)
- Perceptions of rounding checklists in the intensive care unit: a qualitative study - [link](#)
- Hospital-level care coordination strategies associated with better patient experience - [link](#)

**Cochrane**
- Patient-mediated interventions to improve professional practice - [link](#)
- Antibiotics for acute rhinosinusitis in adults - [link](#)
- Pharmacist services for non-hospitalised patients - [link](#)
- Antigen-specific active immunotherapy for ovarian cancer - [link](#)
- Dressings and topical agents for treating venous leg ulcers - [link](#)
- Interventions for preventing upper gastrointestinal bleeding in people admitted to intensive care units - [link](#)
- Medical and surgical interventions for the treatment of urinary stones in children - [link](#)
- Prophylactic use of ergot alkaloids in the third stage of labour - [link](#)
- Intramuscular versus oral corticosteroids to reduce relapses following discharge from the emergency department for acute asthma - [link](#)
- Pembrolizumab monotherapy versus chemotherapy for treatment of advanced urothelial carcinoma with disease progression during or following platinum-containing chemotherapy. A Cochrane Rapid Review - link
- Olanzapine for the prevention and treatment of cancer-related nausea and vomiting in adults - link
- Intramuscular versus intravenous prophylactic oxytocin for the third stage of labour - link
- Vitamin D for the management of multiple sclerosis - link
- Insulin and glucose-lowering agents for treating people with diabetes and chronic kidney disease - link

**Diabetes, Obesity and Metabolism, A Journal of Pharmacology and Therapeutics**
- Glycaemic control and hypoglycaemia benefits with insulin glargine 300 U/mL extend to people with type 2 diabetes and mild-to-moderate renal impairment - link
- Glucagon-like peptide-1 receptor agonists and microvascular outcomes in type 2 diabetes: A systematic review and meta-analysis - link
- A randomized clinical trial of the efficacy and safety of sitagliptin compared with dapagliflozin in patients with type 2 diabetes mellitus and mild renal insufficiency: The CompoSIT-R study - link
- Meta-analysis of the association between sodium-glucose co-transporter-2 inhibitors and risk of skin cancer among patients with type 2 diabetes - link

**European Heart Journal**
- Antithrombotic treatment is associated with intraplaque haemorrhage in the atherosclerotic carotid artery: a cross-sectional analysis of The Rotterdam Study - link

**European Journal of Hospital Pharmacy**
- Quality of pharmaceutical care is closely associated with patient satisfaction - link
- Telmisartan-induced sprue-like enteropathy: a case report - link

**Gastroenterology**
- Avatrombopag before Procedures Reduces Need for Platelet Transfusion in Patients with Chronic Liver Disease and Thrombocytopenia - link

**Internal Medicine Journal**
- Ten-year retrospective review of the incidence of serious infections in patients on biologic disease modifying agents for rheumatoid arthritis in three tertiary hospitals in Western Australia - link
- Review: Potassium control in chronic kidney disease: Implications for neuromuscular function - link

**JAMA**
- Effect of Levofoxacin Prophylaxis on Bacteremia in Children with Acute Leukemia or Undergoing Hematopoietic Stem Cell Transplantation: A Randomized Clinical Trial - link
- Management of Chronic Wounds—2018 - link
- Timing of Loading Dose of Atorvastatin in Patients Undergoing Percutaneous Coronary Intervention for Acute Coronary Syndromes: Insights From the SECURE-PCI Randomized Clinical Trial - link
- Effect of Algorithm-Based Therapy vs Usual Care on Clinical Success and Serious Adverse Events in Patients with Staphylococcal Bacteremia - A Randomized Clinical Trial – link
- Five-Year Follow-up of Antibiotic Therapy for Uncomplicated Acute Appendicitis in the APPAC Randomized Clinical Trial - link

**JAMA Oncology**
- Targeted Alpha Therapy, an Emerging Class of Cancer Agents - A Review - link

**JAMA Psychiatry**
- Association of Cannabinoid Administration with Experimental Pain in Healthy Adults - A Systematic Review and Meta-analysis - link

**JAMIA (Journal of the American Medical Informatics Association)**
- Efficacy and unintended consequences of hard-stop alerts in electronic health record systems: a systematic review - link
- Patient and healthcare provider views on a patient-reported outcomes portal - link

**Journal of Arthroplasty**
- Does Dexamethasone Reduce Hospital Readiness for Discharge, Pain, Nausea, and Early Patient Satisfaction in Hip and Knee Arthroplasty? A Randomized, Controlled Trial - link

**Journal of Clinical Oncology**
- New Approaches to the Management of Adult Acute Lymphoblastic Leukemia - link

**Lancet**
- Use of aspirin to reduce risk of initial vascular events in patients at moderate risk of cardiovascular disease (ARRIVE): a randomised, double-blind, placebo-controlled trial - link
- Review: Comorbidities, treatment, and pathophysiology in restless legs syndrome - link

**Medical Journal of Australia**
- Helicobacter pylori infection and the risk of upper gastrointestinal bleeding in low dose aspirin users: systematic review and meta-analysis - link
- Surveillance improves survival of patients with hepatocellular carcinoma: a prospective population-based study - link
- Coordinated care for patients with cirrhosis: fewer liver-related emergency admissions and improved survival - link

**Milbank Quarterly**
- Patient-Centered Insights: Using Health Care Complaints to Reveal Hot Spots and Blind Spots in Quality and Safety - link

**New England Journal of Medicine**
- Review Article: Antibody-Mediated Rejection of Solid-Organ Allografts - link
- Rivaroxaban for Thromboprophylaxis after Hospitalization for Medical Illness - link
- An Outbreak of Synthetic Cannabinoid–Associated Coagulopathy in Illinois - link

**National Institute for Health Research (NIHR)**
- NIHR Signal: Ethanol locks in catheters for dialysis may prevent sepsis - link

**Obstetrics and Gynaecology**
- Prophylactic Pregabalin to Decrease Pain during Medication Abortion: A Randomized Controlled Trial. - link

**Pediatrics (American Academy of Pediatrics)**
- Brugada Syndrome Associated With Adolescent Loperamide Abuse - link
- Guideline Adoption for Community-Acquired Pneumonia in the Outpatient Setting - link
- Growth Hormone Therapy for a Child with Severe Cognitive Impairment - link

**Journal of Thoracic and Cardiovascular Surgery**
- Intensive versus moderate statin therapy and early graft occlusion after coronary bypass surgery: The Aggressive Cholesterol Therapy to Inhibit Vein Graft Events randomized clinical trial - link

**Macquarie University Australian Institute of Health Innovation - Delivering Resilient Health Care: The 2018 Masterclass**
Friday 7 December, 8 – 5pm, MGSM, 99 Talavera Rd, Macquarie University - link
**13th Biennial Asia Pacific International Mental Health and Addiction Conference**
31 October - 1 November 2018, Auckland - [link](#)

**8th Biennial Australian and New Zealand Falls Prevention Conference**
18–20 November 2018, Hobart, Tasmania - [link](#)

**Patient deterioration New Zealand: Current state and future developments**
29–30 November 2018, Auckland - [link](#)

TAG Mail – 19 September 2018

**REPORTS AND PUBLICATIONS – AUSTRALIA**

**Australian Commission on Safety and Quality in Health Care (ACSQHC)**
- National Standard Medication Chart (NSMC) national audit 2018 - [link](#)

**Australian Institute for Health and Welfare (AIHW)**
- Analysis of cancer outcomes and screening behaviour for national cancer screening programs in Australia - [link](#)
- Children's Headline Indicators - [link](#)

**Consumers Health Forum of Australia**
- healthUPdate - September 2018

**CSIRO**
- Future of Health Report

**TGA**
- Volume 9, Number 3 issue of Medicines Safety Update
- Submissions received and next steps: Prescription strong (Schedule 8) opioid use and misuse in Australia - options for a regulatory response - [link](#)
- AusPAR
  - Migalastat (Galafold®) is indicated for long-term treatment of adult and adolescent patients 16 years and older with a confirmed diagnosis of Fabry disease (α-galactosidase A deficiency) and who have an amenable mutation.

**REPORTS AND PUBLICATIONS – INTERNATIONAL**

**Agency for Healthcare Research and Quality (AHRQ) USA**
- Robotic dispensing improves patient safety, inventory management, and staff satisfaction in an outpatient hospital pharmacy - [link](#)
- The gap in electronic drug information resources: a systematic review - [link](#)
- What is new in paediatric medication safety? - [link](#)

**Canadian Agency for Drugs and Technologies in Health**
- Guanfacine Hydrochloride Extended-Release for the Treatment of Attention Deficit Hyperactivity Disorder in Adults: A Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines - [link](#)
- Substance Use in Breastfeeding Parents: A Review of Safety and Guidelines - [link](#)

**NHS England**
- A new online resource to support and assist adults with Type 1 diabetes - [link](#)
- Resource toolkit to reduce prescribing over the counter (OTC) medicines in primary care - [link](#)

**National Institute for Health and Clinical Excellence (NICE) UK**
- Chronic heart failure in adults: diagnosis and management – guidance (NG106)
- Chronic heart failure in adults - quality standard (QS9)
- Preventing suicide in community and custodial settings - guideline (NG105)
- The use of faecal microbiota transplant as treatment for recurrent or refractory Clostridium difficile infection and other potential indications; joint British Society of Gastroenterology (BSG) and Healthcare Infection Society (HIS) guidelines

**Royal College of Physicians of London**
- Artificial intelligence (AI) in health – [link](#)

**Specialist Pharmacy Services**
- New Product Evaluations August 2018 - [link](#)
- How do you convert from co-beneldopa (Madopar®) prolonged-release capsules to dispersible tablets? - [link](#)
- Can small volume intramuscular injections be given to patients taking oral anticoagulants? - [link](#)

**MEDICATION SAFETY**

**Electronic Medicines Compendium (eMC)**
- Revised SPCs:
  --Savene™ (dexrazoxane) infusion
  A warning has been added on the mutagenic activity of dexrazoxane and contraception recommendations have been updated based on toxicological data and literature review.
  --Viekirax™ (ombitasvir, paritaprevir and ritonavir) tablets
  Updated to include use in moderate as well as severe hepatic impairment (Child Pugh B and C) is contraindicated
  --Epivir™ (lamivudine) Oral Solution
  Updated to note that autoimmune disorders (such as Graves’ disease and autoimmune hepatitis) have also been reported to occur in the setting of immune reactivation; time to onset is more variable and these events can occur many months after treatment initiation.
  --Orkambi™ (lumacaftor and ivacaftor) tablets
  Updated to note there have been reports of false positive urine screening tests for tetrahydrocannabinol (THC) in patients receiving Orkambi. An alternative confirmatory method should be considered to verify results.
  --Pixuvri™ (pixantrone)
  Hepatotoxicity has been added as an uncommon adverse effect.
  --Olumiant™ (baricitinib) tablets
  Pneumonia has been added as an uncommon side effect

**EMA**
- Improving understanding of biosimilars in the EU – [link](#)
- New drug approvals
  -- European Commission Approves Merck’s Keytruda® (pembrolizumab) in Combination with Pemetrexed and Platinum Chemotherapy for the First-Line Treatment of Patients with Metastatic Nonsquamous NSCLC, with No EGFR or ALK Genomic Tumor Aberrations – [link](#)

**Food and Drug Administration (FDA) USA**
- New drug approvals
  --FDA approve fremanezumab for use in migraine prevention – FDA [link](#)
  --FDA approve moxetumomab for relapsed or refractory Hairy Cell Leukemia – FDA [link](#)

**Health Canada**
- Tecentriq® (atezolizumab) – Risk of Immune-Related Nephritis
  Cases of immune-related nephritis have been reported in patients receiving atezolizumab for the treatment of urothelial and lung cancers.

**OTHER NEWS (new additions in bold)**

**Digital Health & Informatics Network (DHIN)**
- Webinar: Cyberpsychology and the changing face of healthcare
  12.30-1.15pm, Thursday 20th September, register [here](#)

**MJA Podcasts**
- **Episode 73**: Inpatient rehabilitation from total knee replacement, with Dr Chris Schilling
- **Episode 74**: Caring for the homeless, with Dr Andrew Davies
- **Episode 75**: Genetic testing for cancer, with A/Prof Judy Kirk
- **Episode 76**: Sepsis, with Prof Simon Finfer
- **Episode 77**: Colonoscopy Clinical Care Standard, with Dr Anne Duggan
- **Episode 78**: Kidney donation and transplantation, with Prof Jeremy Chapman
- **Episode 79**: Childhood obesity, with Prof Louise Baur

**NPS MedicineWise – Australian Prescriber**
- Podcast **Episode 33** – Combining anticoagulation and antiplatelet drugs in coronary artery disease

**TGA**
- Webinar: TGA fast track approval of prescription medicines: Information for health professionals
  27 September 2018, 12-1pm - [link](#)

**Position advertising**
- St Vincent's Hospital Darlinghurst - Pharmacist Grade 1/2
  Fixed Term until Dec 2019, **closes 26/09/18**. For more information see [Link](#)

**PAPERS OF INTEREST**

**American Diabetes Association - Diabetes care**
- Association of Time in Range, as Assessed by Continuous Glucose Monitoring, With Diabetic Retinopathy in Type 2 Diabetes - [link](#)

**American Heart Association (AHA)**
- Assessment of Cardiovascular Risk in Older Patients With Gout Initiating Febuxostat Versus Allopurinol - [link](#)

**American Journal of Gastroenterology**
- Effect of Antidepressants and Psychological Therapies in Irritable Bowel Syndrome: An Updated Systematic Review and Meta-analysis - [link](#)
- Systematic Review with Meta-Analysis: Concomitant Therapy vs. Triple Therapy for the First-Line Treatment of Helicobacter pylori Infection - [link](#)

**American Journal of Medicine**
- Individual and Joint Effects of Pulse Pressure and Blood Pressure Treatment Intensity on Serious Adverse Events in the SPRINT Trial - [link](#)

**Arthritis Care and Research**
- Treating Early Undifferentiated Arthritis: A Systematic Review and Meta-Analysis of Direct and Indirect Trial Evidence - [link](#)
- Efficacy of Hydroxychloroquine in Hand Osteoarthritis: A Randomized, Double-Blind, Placebo-Controlled Trial - [link](#)

**Arthritis and Rheumatology**
- An Economic Evaluation of Stopping Versus Continuing Tumor Necrosis Factor Inhibitor Treatment in Rheumatoid Arthritis Patients With Disease Remission or Low Disease Activity: Results From a Pragmatic Open-Label Trial - [link](#)

**Bone and Joint Journal**
- Blood-conserving efficacy of multiple doses of oral tranexamic acid associated with an enhanced-recovery programme in primary total knee arthroplasty: a randomized controlled trial - [link](#)

**British Journal of Clinical Pharmacology**
An evidence-based systematic review of the off-label uses of lisinopril - [link]

**British Journal of General Practice**
- Poisoning substances taken by young people: a population-based cohort study - [link]

**British Journal of Psychiatry**
- Clozapine is associated with secondary antibody deficiency - [link]

**British Medical Journal (BMJ)**
- Effect of fish oil supplementation in pregnancy on bone, lean, and fat mass at six years: randomised clinical trial - [link]
- Organisations commit to combating disproportionately poorer physical health in people with mental illness - [link]
- Intensification of older adults’ outpatient blood pressure treatment at hospital discharge: national retrospective cohort study - [link]
- Effect of high dose folic acid supplementation in pregnancy on pre-eclampsia (FACT): double blind, phase III, randomised controlled, international, multicentre trial - [link]

**BMJ Drugs and Therapeutics Bulletin**
- What dose of paracetamol for older people? - [link]

**BMJ Quality and Safety**
- Implementing bedside rounds to improve patient-centred outcomes: a systematic review - [link]

**Clinical Interventions in Aging**
- Tolerability of buprenorphine transdermal system in nursing home patients with advanced dementia: a randomized, placebo-controlled trial (DEP.PAIN.DEM) - [link]

**Clinical Pharmacology & Therapeutics**
- Botanicals and Hepatotoxicity - [link]

**Cochrane**
- Antidepressants for treating depression in dementia - [link]
- Single-dose intravenous diclofenac for acute postoperative pain in adults - [link]
- Probiotics for the prevention or treatment of chemotherapy- or radiotherapy-related diarrhoea in people with cancer - [link]
- Epidural analgesia versus patient-controlled intravenous analgesia for pain following intra-abdominal surgery in adults - [link]
- Primary antifungal prophylaxis for cryptococcal disease in HIV-positive people - [link]
- Influenza vaccine for chronic obstructive pulmonary disease (COPD) - [link]
- Interventions for chronic non-hypovolaemic hypotonic hyponatraemia - [link]
- Lamotrigine versus carbamazepine monotherapy for epilepsy: an individual participant data review - [link]
- Pharmacological treatment for attention deficit hyperactivity disorder (ADHD) in children with comorbid tic disorders - [link]
- Anticoagulation for people with cancer and central venous catheters - [link]
- Fluphenazine (oral) versus placebo for schizophrenia - [link]
- Pharmacological interventions for apathy in Alzheimer's disease - [link]
- Interventions for improving modifiable risk factor control in the secondary prevention of stroke - [link]
- Interventions for treating acute high altitude illness - [link]
- Immunosuppressive treatment for proliferative lupus nephritis - [link]
- Cholinesterase inhibitors for the treatment of delirium in non-ICU settings - [link]
- Beta-blockers and inhibitors of the renin-angiotensin aldosterone system for chronic heart failure with preserved ejection fraction - [link]
- Antibiotics for exacerbations of asthma - [link]
- Medications for the management of opium withdrawal - [link]
- Mobile phone-based interventions for improving adherence to medication prescribed for the primary prevention of cardiovascular disease in adults - [link]
- Bronchoscopy-guided antimicrobial therapy for cystic fibrosis - [link](#)
- Local anaesthetics and regional anaesthesia versus conventional analgesia for preventing persistent postoperative pain in adults and children - [link](#)
- Anticoagulation for the long-term treatment of venous thromboembolism in people with cancer - [link](#)
- Antipsychotics for treatment of delirium in hospitalised non-ICU patients - [link](#)
- Donepezil for dementia due to Alzheimer's disease - [link](#)

**European Journal of Hospital Pharmacy**
- October 2018 *Volume 25, Edition 2* – special online-only issue focusing on formulation, compatibility and stability issues of medicines
  -- Stability of repackaged dabigatran etexilate capsules in dose administration aids - [link](#)
  -- Chemical and microbiological stability, anticoagulant efficacy and toxicity of 35 and 90 mM trisodium citrate solutions stored in plastic syringes – [link](#)
  -- Stability of mixtures of ondansetron and haloperidol stored in infusors at different temperatures – [link](#)

**International Journal for Quality in Health Care**
- Effectiveness of adherence to recommended clinical examinations of diabetic patients in preventing diabetes-related hospitalizations - [link](#)

**JAMA Oncology**
- Effect of Piperacillin-Tazobactam vs Meropenem on 30-Day Mortality for Patients With E coli or Klebsiella pneumoniae Bloodstream Infection and Ceftriaxone Resistance; A Randomized Clinical Trial - [link](#)
- Diagnosis and Treatment of Clostridium difficile Infection - [link](#)
- Coagulation Test Interpretation in a Patient Taking Direct Oral Anticoagulant Therapy – [link](#)

**JAMA Ophthalmology**
- Association of Acute Endophthalmitis With Intravitreal Injections of Corticosteroids or Anti-Vascular Growth Factor Agents in a Nationwide Study in France - [link](#)

**JAMA Paediatrics**
- Screening and Management of High Blood Pressure in Children and Adolescents - [link](#)

**JAMA Psychiatry**
- The Latent Structure of Negative Symptoms in Schizophrenia - [link](#)

**Journal of Clinical Oncology**
- Efficacy and Tolerability of First-Line Cetuximab Plus Leucovorin, Fluorouracil, and Oxaliplatin (FOLFOX-4) Versus FOLFOX-4 in Patients With RAS Wild-Type Metastatic Colorectal Cancer: The Open-Label, Randomized, Phase III TAILOR Trial - [link](#)
- Long-Term Risk of Venous Thromboembolism in Survivors of Childhood Cancer: A Report From the Childhood Cancer Survivor Study - [link](#)

**Journal of Patient Experience**
- Creating Naptime - An Overnight, Nonpharmacologic Intensive Care Unit Sleep Promotion Protocol - [link](#)
- Challenges to Care and Medication Adherence of Patients With Chronic Myeloid Leukemia in a Resource Limited Setting - A Qualitative Study - [link](#)
- Use of Visual Decision Aids in Physician–Patient Communication - A Pilot Investigation - [link](#)
- Ascribed Meaning of Disease Control - Perspectives of Patients With Type 2 Diabetes - [link](#)

**Lancet**
- Radial versus femoral access and bivalirudin versus unfractionated heparin in invasively managed patients with acute coronary syndrome (MATRIX): final 1-year results of a multicentre, randomised controlled trial - link
- Overall survival in patients with BRAF-mutant melanoma receiving encorafenib plus binimetinib versus vemurafenib or encorafenib (COLUMBUS): a multicentre, open-label, randomised, phase 3 trial – link
- Successful treatment of prediabetes in clinical practice using physiological assessment (STOP DIABETES) - link
- Anti-inflammatory effects of roflumilast in chronic obstructive pulmonary disease (ROBERT): a 16-week, randomised, placebo-controlled trial – link
- Long-term safety and tolerability of nintedanib in patients with idiopathic pulmonary fibrosis: results from the open-label extension study, INPULSIS-ON – link
- Post-anaesthesia pulmonary complications after use of muscle relaxants (POPULAR): a multicentre, prospective observational study – link
- Seminar: Melanoma - link
- High-quality health systems in the Sustainable Development Goals era: time for a revolution - link
- Trends in attention-deficit hyperactivity disorder medication use: a retrospective observational study using population-based databases - link
- Amoxicillin–clavulanate versus azithromycin for respiratory exacerbations in children with bronchiectasis (BEST-2): a multicentre, double-blind, non-inferiority, randomised controlled trial - link

**Medical Journal of Australia**
- Sepsis incidence and mortality are underestimated in Australian intensive care unit administrative data - link
- Disparity of access to kidney transplantation by Indigenous and non-Indigenous Australians - link

**National Institute for Health Research (NIHR)**
- Everolimus, lutetium-177 DOTATATE and sunitinib for advanced, unresectable or metastatic neuroendocrine tumours with disease progression: a systematic review and cost-effectiveness analysis - link
- People take prescribed statins more reliably after discussing their advantages and disadvantages - link

**New England Journal of Medicine**
- Phase 2 Trial of Ibudilast in Progressive Multiple Sclerosis - link
- Phase 2 Trial of Selective Tyrosine Kinase 2 Inhibition in Psoriasis - link
- Effect of Aspirin on All-Cause Mortality in the Healthy Elderly – link
- Effect of Aspirin on Cardiovascular Events and Bleeding in the Healthy Elderly – link
- Effect of Aspirin on Disability-free Survival in the Healthy Elderly- link
- Nintedanib plus Sildenafil in Patients with Idiopathic Pulmonary Fibrosis - link
- Review: Aspirin-Exacerbated Respiratory Disease - link
- Review: Primary Hyperparathyroidism - link

**Nursing 2018**
- Preventing medication errors in the information age – link

**PROSPERO - International prospective register of systematic reviews**
- Theory of planned behaviour based interventions and health behaviour change in chronic diseases among low health-literacy population: protocol for systematic review - link

**Public Library of Science (PLOS)**
- Risk of adverse outcomes following urinary tract infection in older people with renal impairment: Retrospective cohort study using linked health record data – link
- Metabolic syndrome and risk of Parkinson disease: A nationwide cohort study - link

**Therapeutics and Clinical Risk Management**
- Preoperatively elevated serum inflammatory markers increase the risk of periprosthetic joint infection following total knee arthroplasty in patients with osteoarthritis - link
- Fluid resuscitation in critically ill patients: a systematic review and network meta-analysis - link
- Effectiveness of intramuscular neostigmine to accelerate bladder emptying after spinal anesthesia - link
- Clinical observation of immune checkpoint inhibitors in the treatment of advanced pancreatic cancer: a real-world study in Chinese cohort - link

UPCOMING EVENTS
(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)
**2018 Australasian HIV & AIDS Conference
24 -26 September 2018, 9-5pm, Sydney Masonic Centre - link

**NEJM Catalyst Live Web Event: Disrupting the Health Care Landscape: New Roles for Familiar Players
25 October 2018, 1-5pm U.S. ET, Register for free live web event

**New South Wales Nurses and Midwives' Association: ‘Garling After 10’: A forum to discuss the state of public health services in NSW after Garling and ‘Caring Together’.
27 November 2018, 6.30-8.30pm, Waterloo, RSVP to agarvey@nswnma.asn.au

**Social Media for Patient Recruitment Workshop
(8:30am – 3:00pm) 28th November 2018 Sydney - link

**ACI Annual Chronic Care Network Forum - Improving care for people who frequently access Emergency Departments
Fri 30 November 2018, Kirribilli Club – save the date - registration link will be available in October

**IHI Forum
9–12 December, Orlando, FL, USA - link

**2019 CADTH Symposium - Theme: Supporting Health System Transformation
14-16 April 2019, Edmonton, Alberta - link

**2019 International Conference on Opioids (ICOO 2019)
9-11 June 2019, Harvard Medical School, Boston - link

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REPORTS AND PUBLICATIONS – AUSTRALIA
**Australian Commission on Safety and Quality in Health Care (ACSQHC)
- Colonoscopy Clinical Care Standard - link
- NSMC audit guide for hospitals - link

**Australian Institute for Health and Welfare (AIHW)
- Older Australia at a glance 2017 - link

**TGA
- Australian Public Assessment Reports for prescription medicines (AusPARs)
--Influenza virus haemagglutinin (vaccine) (Influvac Tetra®)
--Carbetocin (Duratocin®) - is indicated for the prevention of uterine atony and excessive bleeding following delivery of the infant by emergency caesarean section or vaginal delivery
--Rituximab (Riximyo®) – biosimilar
-- Meningococcal group B vaccine (Trumenba®) - indicated in those 10 years and older for active immunisation to prevent invasive meningococcal disease caused by Neisseria meningitidis serogroup B.
-- Ocrelizumab (Ocrevus®) - indicated for the treatment of patients with relapsing forms of multiple sclerosis (RMS) and patients with primary progressive multiple sclerosis (PPMS)

REPORTS AND PUBLICATIONS – INTERNATIONAL
**Agency for Healthcare Research and Quality (AHRQ) USA**
- Association of hydrocodone schedule change with opioid prescriptions following surgery - link
- Association of the use of a mandatory prescription drug monitoring program with prescribing practices for patients undergoing elective surgery - link
- Medication Administration Errors - link

**Health Canada**
- Summary Safety Review – Fibrastal™ (5 mg ulipristal acetate) - Assessing the potential risk of rare but serious liver injury
- Summary Safety Review - Beta-lactam antibiotics - Assessing the potential risk of severe skin side effects

**Canadian Agency for Drugs and Technologies in Health**
- Medical Cannabis Use in Palliative Care: Clinical Effectiveness and Guidelines - link
- Programs for the Reduction or Discontinuation of Opioids or Opioid Substitution Therapy: A Review of the Clinical Effectiveness - link
- Probiotics for Antibiotic-Associated Diarrhea and Clostridium difficile Infection: A Review of Guidelines - link

**Health Quality & Safety Commission New Zealand**
- Health Quality & Safety Commission e-digest – Issue 88

**National Academies of Sciences, Engineering, Medicine**
- Crossing the Global Quality Chasm: Improving Health Care Worldwide - link

**National Institute for Health and Clinical Excellence (NICE) UK**
- Guideline (NG104) Pancreatitis
- Quality standard (QS174) Emergency and acute medical care in over 16s
- NephroCheck test to help assess the risk of acute kidney injury in critically ill patients - link

**Royal Pharmaceutical Society**
- Pharmacists hold teleconsultations with doctors under nationwide Swiss scheme - link

**Specialist Pharmacy Services**
- Medicines Use and Safety Update September 2018 - link
- What is the evidence for the use of Low Molecular Weight Heparins for the prophylaxis of travel-related thrombosis? - link
- New Medicines Newsletter August 2018 - link

**Therapeutics Initiative Canada**
- How well do you know your anticholinergic (antimuscarinic) drugs? - link

MEDICATION SAFETY
**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- RoActemra™ (tocilizumab) Solution for Infusion

**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- RoActemra™ (tocilizumab) Solution for Infusion
Revised with licence extension for treatment of chimeric antigen receptor T cell-induced severe or life-threatening cytokine release syndrome in adults and paediatric patients 2 years of age and older.

-- Sovaldi™ (sofosbuvir) tablets
Steven-Johnson Syndrome (frequency unknown) has been added as adverse effect to SPC

-- Spinraza™ (nusinersen) solution for injection
Updated to highlight that communicating hydrocephalus has been reported with use of nusinersen in the post-marketing setting (frequency unknown). In patients with decreased consciousness, an evaluation for hydrocephalus should be considered

-- Tasigna™ (nilotinib) Capsules
Now details, that since risk to the newborns/infants cannot be excluded, women should not breast feed during treatment, and for 2 weeks after the last dose.

-- Venclyxto™ (venetoclax) tablets
Now warns that that sepsis with fatal outcome have been reported. Sepsis has been added to SPC as a common adverse reaction.

-- Librium™ (chlordiazepoxide) capsules
A warning for its concomitant use with opioids, which may result in sedation, respiratory depression, coma and death, has been added to SPC. Concomitant prescribing of such sedative medicines should be reserved for patients for whom alternative treatment options are not possible.

-- Opsumit™ (macitentan) 10
Now states that the safety and efficacy of macitentan in children and adolescents below 18 years have not yet been established. No data are available. Leukopenia, thrombocytopenia, and aminotransferase elevations have been added as adverse reactions.

**Food and Drug Administration (FDA) USA**
- New drug approvals
  --FDA grants Sympazan™ (clobazam) oral film formulation tentative approval for adjunctive treatment of seizures associated with Lennox-Gastaut Syndrome (LGS)
  --Riluzole (Tiglutik™) – new oral dosage form: suspension - link

**Institute for Safe Medication Practices (ISMP) USA**
- Acute care: Medication Safety Alert! September 6, 2018 - link
- QuarterWatchTM (2017 Annual Report): Four Severe Adverse Events and the Leading Suspect Drugs
  --Give thought to how “thousand” and “million” are expressed
  --Suppository mix-up
  --A drug shortage-related event

**Australian Prescriber**
- Three new drugs are now available on prescription:
  --Benralizumab for asthma
  --Dulaglutide for type 2 diabetes
  --Trifluridine/tipiracil for colorectal cancer

**Australasian sleep Association have updated their sleep fact sheets for consumers - link**

**CDC Antibiotic Stewardship Training Series - link**

**CEC**
- NCAS has released advice on alternatives to oral moxifloxacin to assist with the shortage, fact sheet available from https://www.ncas-australia.org/education
- The ‘Safe Use of HYDROmorphine’ module now available via the HETI My Health Learning webpage (HETI course code 199776392)
- Antimicrobial Awareness Seminars:
  --Thurs 20 September 1-2 pm: Innovative approaches to promoting antibiotic awareness with Aimee Petersen, Critical Care Team Leader at Wyong Hospital – register
---Thurs 11 October 12:30-1:30 pm: Implementing AMS in operating theatres by Dr Trisha Peel, Infectious Diseases and Antimicrobial Stewardship Physician at The Alfred Hospital, registration available soon via link

**Global Sepsis Alliance: WORLD SEPSIS DAY 2018 - Thursday 13 September - link

**IHI
- The How and Why of Deprescribing: WIHI
  Thursday, September 13, 2-3 PM ET - Join the next WIHI webinar/broadcast to learn from the experiences of two organizations working to safely implement deprescribing.
**ISMP Webinar: Working Together to Address Global Drug Safety Issues with Packaging and Labelling
  Thu, Sep 27, 2018 1:00 AM - 2:00 AM AEST - link

**My Health Record
- First date for consumer opt-out is 16 July and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - link

**NSW Health Safety Notice Resources - New Formulation phenytoin (Dilantin) Formulation
  30mg and 100mg Capsules
  - NSW Health Safety Notice 011/18
  - Patient information sheet – phenytoin (Dilantin®) formulation change 30mg and 100mg Capsules
  - eMeds Safety Notice (Not applicable to non eMeds facilities)

**ScriptWise toolkits for patients
- Prescription Benzodiazepines
- Prescription Opioids

**SHPA
- Joint Technician/Pharmacist CE Ward-based pharmacy technician – a pilot trial at Royal North Shore Hospital. 6:30–8pm, 12th Sept 2018, Kolling Auditorium, Royal North Shore Hospital - link

**TGA
- Webinar: New warning statements on labels of Neuromuscular blocking agents
  4 - 5pm, Thursday 13 September 2018, register here
- TGA Facebook has officially launched - link

**Other - Job adverts:
- Pharmacy Business Analyst – eMEDs
  TFT Pharmacist Grade 2, Nepean Blue Mountains Local Health District
  Closing date: 20th September, 2018 – link

PAPERS OF INTEREST
**American Diabetes Association - Diabetes care
- Sex and BMI Alter the Benefits and Risks of Sulfonylureas and Thiazolidinediones in Type 2 Diabetes: A Framework for Evaluating Stratification Using Routine Clinical and Individual Trial Data - link
- Long-term Glycemic Control and Dementia Risk in Type 1 Diabetes - link

**American Heart Association (AHA)
- Stroke
  -- Efficacy and Safety of Ticagrelor in Relation to Aspirin Use Within the Week Before Randomization in the SOCRATES Trial - link

**American Journal of Health-System Pharmacy (AHJP)
- Impact of a pharmacy-driven transitions-of-care program on postdischarge healthcare utilization at a national comprehensive cancer center - link
- Predictors of oversedation in hospitalized patients - link
- Nimodipine for the treatment of otolaryngic indications - link
- Noninsulin medication therapy for hospitalized patients with diabetes mellitus - link
- Use of clinical decision support to identify i.v.-to-oral conversion opportunities and cost savings - link

**British Journal of General Practice**
- Safer Prescribing and Care for the Elderly (SPACE): a pilot study in general practice - link

**British Medical Journal (BMJ)**
- Effect of fish oil supplementation in pregnancy on bone, lean, and fat mass at six years: randomised clinical trial - link
- Diclofenac use and cardiovascular risks: series of nationwide cohort studies - link
- Intramuscular versus intravenous oxytocin to prevent postpartum haemorrhage at vaginal delivery: randomised controlled trial - link
- Statins for primary prevention of cardiovascular events and mortality in old and very old adults with and without type 2 diabetes: retrospective cohort study - link
- Efficacy of PD-1 or PD-L1 inhibitors and PD-L1 expression status in cancer: meta-analysis - link

**BMJ Heart**
- Sexual function and cardiovascular disease: what the general cardiologist needs to know - link

**BMJ Journal of Neurology, Neurosurgery & Psychiatry**
- Statins and the risk of intracerebral haemorrhage inpatients with stroke: systematic review and meta-analysis - link

**Cochrane**
- Antibiotics for prolonged wet cough in children - link
- Impact of medication reconciliation for improving transitions of care - link
- Once-daily long-acting beta(2)-agonists/inhaled corticosteroids combined inhalers versus inhaled long-acting muscarinic antagonists for people with chronic obstructive pulmonary disease - link
- Adverse side effects of dexamethasone in surgical patients - link
- Vitamin A and beta (β)-carotene supplementation for cystic fibrosis - link
- Assisted reproductive technology: an overview of Cochrane Reviews - link
- Intravenous versus inhalational maintenance of anaesthesia for postoperative cognitive outcomes in elderly people undergoing non-cardiac surgery - link
- Interventions to increase influenza vaccination rates of those 60 years and older in the community - link
- Antiepileptic drugs as prophylaxis for postcraniotomy seizures - link
- Automated mandatory bolus versus basal infusion for maintenance of epidural analgesia in labour - link
- Epidural versus non-epidural or no analgesia for pain management in labour - link
- Hormone replacement therapy for women previously treated for endometrial cancer - link
- Oral contraceptives for pain associated with endometriosis - link
- Antidepressants for insomnia in adults - link
- L-ornithine L-aspartate for prevention and treatment of hepatic encephalopathy in people with cirrhosis - link
- Pain relief for women undergoing oocyte retrieval for assisted reproduction - link
- Trihexyphenidyl for dystonia in cerebral palsy - link
- Increasing antipsychotic dose for non response in schizophrenia - link
- Increasing antipsychotic dose versus switching antipsychotic for non response in schizophrenia - link
- Withdrawal of immunosuppressant or biologic therapy for patients with quiescent Crohn's disease - link
- Head-to-head trials of antibiotics for bronchiectasis - link
- Dornase alfa for cystic fibrosis - link
- Interventions for preventing falls in older people in care facilities and hospitals - link
- Homeopathic medicinal products for preventing and treating acute respiratory tract infections in children - link
- Topical and systemic antifungal therapy for chronic rhinosinusitis - link
- Antigen-specific active immunotherapy for ovarian cancer - link
- Antibiotics for acute rhinosinusitis in adults - link
- Patient-mediated interventions to improve professional practice - link

**European Heart Journal**
- Anti-anginal drugs-beliefs and evidence: systematic review covering 50 years of medical treatment - link

**European Journal of Hospital Pharmacy**
- Evaluation of a pharmaceutical assessment screening tool to measure patient acuity and prioritise pharmaceutical care in a UK hospital - link

**Health Affairs**
- A Health Plan’s Formulary Led To Reduced Use Of Extended-Release Opioids But Did Not Lower Overall Opioid Use - link

**JAMA Network Open**
- Long-term Outcomes of the Effects of Home Blood Pressure Telemonitoring and Pharmacist Management on Blood Pressure Among Adults With Uncontrolled Hypertension - link

**JAMA Otolaryngology–Head & Neck Surgery**
- Comparison of Opioid Utilization Patterns After Major Head and Neck Procedures Between Hong Kong and the United States - link

**JAMA Psychiatry**
- Effect of Peer Comparison Letters for High-Volume Primary Care Prescribers of Quetiapine in Older and Disabled Adults: A Randomized Clinical Trial - link

**JAMIA (Journal of the American Medical Informatics Association)**
- Engaging hospital patients in the medication reconciliation process using tablet computers - link

**Journal of Arthroplasty**
- The Efficacy of Tranexamic Acid in Total Hip Arthroplasty: A Network Meta-analysis - link
- Multiple Doses of Perioperative Dexamethasone Further Improve Clinical Outcomes After Total Knee Arthroplasty: A Prospective, Randomized, Controlled Study - link

**Journal of European Urology**
- Long-term Safety and Efficacy of Mirabegron and Solifenacin in Combination Compared with Monotherapy in Patients with Overactive Bladder: A Randomised, Multicentre Phase 3 Study (SYNERGY II) - link

**Journal for Healthcare Quality**
- Perceptions of Integration of the Clinical Pharmacist into the Patient Care Medical Home Model - link
- Implementation of a Routine Health Literacy Assessment at an Academic Medical Center - link

**Journal of the American Geriatrics Society**
- Caregiver-Based Interventions to Optimize Medication Safety in Vulnerable Elderly Adults: A Systematic Evidence-Based Review - link

**Journal of Clinical Oncology**
- Abiraterone Alone or in Combination With Enzalutamide in Metastatic Castration-Resistant Prostate Cancer With Rising Prostate-Specific Antigen During Enzalutamide Treatment - link
**Antimicrobial Prophylaxis for Adult Patients With Cancer-Related Immunosuppression: ASCO and IDSA Clinical Practice Guideline Update - [link](#)

**Journal of Patient Safety**
- Supporting Clinicians After Adverse Events: Development of a Clinician Peer Support Program - [link](#)

**Lancet**
- Peer-supported self-management for people discharged from a mental health crisis team: a randomised controlled trial - [link](#)
- Review: Bronchiectasis in children: diagnosis and treatment - [link](#)
- Maternal use of hormonal contraception and risk of childhood leukaemia: a nationwide, population-based cohort study - [link](#)
- Treatment correlates of successful outcomes in pulmonary multidrug-resistant tuberculosis: an individual patient data meta-analysis - [link](#)

**Medical Journal of Australia**
- Sepsis incidence and mortality are underestimated in Australian intensive care unit administrative data - [link](#)

**National Institute for Health Research (NIHR)**
- Triple versus guideline antiplatelet therapy to prevent recurrence after acute ischaemic stroke or transient ischaemic attack: the TARDIS RCT - [link](#)
- Text messages improve diabetes self-management and blood sugar control - [link](#)
- Adrenaline can restart the heart but is no good for the brain - [link](#)

**Neurology**
- Fremanezumab for preventive treatment of migraine: Functional status on headache-free days - [link](#)

**New England Journal of Medicine**
- Bacterial Factors That Predict Relapse after Tuberculosis Therapy - [link](#)
- Partial Oral versus Intravenous Antibiotic Treatment of Endocarditis - [link](#)
- Effects of n-3 Fatty Acid Supplements in Diabetes Mellitus - [link](#)
- Baloxavir Marboxil for Uncomplicated Influenza in Adults and Adolescents - [link](#)
- Rituximab plus Lenalidomide in Advanced Untreated Follicular Lymphoma - [link](#)

**Thrombosis Research**
- Risk of venous thromboembolism events in postmenopausal women using oral versus non-oral hormone therapy: A systematic review and meta-analysis – [link](#)

**Thrombosis and haemostasis**
- Clinical Impact of Bleeding in Cancer-Associated Venous Thromboembolism: Results from the Hokusai VTE Cancer Study - [link](#)
- Less abnormal uterine bleeding with dabigatran than warfarin in women treated for acute venous thromboembolism - [link](#)

**UPCOMING EVENTS**
(only recent additions will be listed in TAGMail - please click [here](#) for the running list of other upcoming events)

**25th Congress of the International Federation of Hospital Engineering**
6-11 October 2018, Brisbane Convention and Exhibition Centre - [link](#)

**ACI Medical Assessment Unit (MAU) forum**
Thursday 25th October 2018, 9.00am - 4:30pm, Kirribilli Club, Sydney - [link](#)

**The Congress on Clinical Controversies in Lung Cancer (CCLC2018)**
13-14 December 2018 in London, UK - [link](#)
TAG Mail – 5 September 2018

REPORTS AND PUBLICATIONS – AUSTRALIA

**ACI**
- Optimising Pre-operative Patient Blood Management - [link](#)

**TGA**
- Modified release paracetamol - Advisory Committee on Medicines Scheduling to consider upscheduling of modified release paracetamol to ‘Pharmacist Only’ - [link](#)
- Webinar: TGA fast track approval of prescription medicines: Information for health professionals
- About Australian recall actions - Update to general information about product recalls
- AusPAR: Nusinersen (as heptadecasodium) (Spinraza™) intrathecal injection indicated for the treatment of 5q Spinal Muscular Atrophy

**The Royal Australian College of General Practitioners**
- Guideline for the management of hip and knee osteoarthritis. 2nd edition

REPORTS AND PUBLICATIONS – INTERNATIONAL

**Agency for Healthcare Research and Quality (AHRQ) USA**
- Barriers and facilitators to injection safety in ambulatory care settings - [link](#)

**Health Quality & Safety Commission New Zealand**
- Opioid implementation package - [link](#)
- Safe use of opioids measurement: frequently asked questions - [link](#)
- Safe use of opioids data collection and reporting workbook (manual data capture) - [link](#)
- Australian and New Zealand Hip Fracture Registry 2018 Annual Report and Supplementary Report

**Joint Commission**
- Quick Safety 44: Non-pharmacologic and non-opioid solutions for pain management - [link](#)

**NHS England**
- Integrating NHS pharmacy and medicines optimisation into Sustainability and Transformation Partnerships and Integrated Care Systems - [link](#)

**National Academies of Sciences, Engineering, Medicine**
- Crossing the Global Quality Chasm: Improving Health Care Worldwide - [link](#)

**National Institute for Health and Clinical Excellence (NICE) UK**
- Dinutuximab beta for treating neuroblastoma-guidance (TA538)
- Flu vaccination: increasing uptake- guidance (NG103)
- Lutetium (177Lu) oxodotreotide for treating unresectable or metastatic neuroendocrine tumours – guidance (TA539) - [link](#)
- Pembrolizumab for treating relapsed or refractory classical Hodgkin lymphoma – guidance (TA 540)

**Specialist Pharmacy Services**
- In use product safety assessment report for trastuzumab - [link](#)

**The Health Foundation (UK)**
- Reducing emergency admissions: unlocking the potential of people to better manage their long-term conditions - [link](#)
**The King’s Fund**  
- Joined-up listening: integrated care and patient insight - [link](#)

**MEDICATION SAFETY**  
**electronic Medicines Compendium (eMC)**  
- Revised SPCs:  
  -- Solu-Medrone™ (methylprednisolone sodium succinate for injection)  
  Blurred vision has been added as a rare adverse effect  
  -- Myfortic™ gastro-resistant tabs (mycophenolic acid as mycophenolate sodium)  
  Additional warning and precautions for use in relation to contraception in men and women because of robust clinical evidence showing a high risk of abortion and congenital malformations when used in pregnancy  
  -- Mupirocin 20 mg/g ointment  
  Now warns that butylated hydroxytoluene, an excipient, may cause local skin reactions (e.g. contact dermatitis), or irritation to the eyes and mucous membranes.  
  -- Fucidin™ (sodium fusidate) Tablets  
  Updated to note that a few cases of serious cutaneous reactions (e.g. DRESS syndrome, toxic epidermal necrolysis and Stevens-Johnson syndrome) have been reported with systemic sodium fusidate, usually appearing in the first weeks of treatment.  
  -- Imbruvica™ (ibrutinib) capsules  
  Peripheral neuropathy has been added as an adverse event, reported spontaneously during post-marketing experience (incidence of 5% all grades; <1% grade ≥3).  
  -- Nasacort™ Allergy Nasal Spray (triamcinolone acetonide)  
  Chorioretinopathy and blurred vision have been added as adverse effects. The general statement and advice regarding reports of visual disturbance associated with systemic and topical corticosteroid use has been added.  
  -- Parsabiv™ (etelcalcetide)  
  Hypersensitivity reaction has been added as an adverse effect, of unknown frequency.  
  -- Remicade™ (infliximab) solution for infusion  
  Pre-treatment tests to rule out tuberculosis now include interferon gamma release assay. Advice to clinicians for patients with ulcerative colitis has been updated, based on current data showing infliximab does not appear to influence risk of developing dysplasia or colon cancer.  
  -- Visudyne™ (verteporfin) solution for infusion  
  Warning of cases of anaphylactic reactions (frequency unknown) have been observed in patients on Visudyne. If an anaphylactic or other serious allergic reaction occurs during or following infusion, administration should be discontinued and appropriate therapy initiated.  

**EMA**  
- New drug approvals  
  -- Axicabtagene Ciloleucel (Yescarta™) for treatment of relapsed or refractory diffuse large B-cell lymphoma and primary mediastinal large B-cell lymphoma  
  -- Larot fusion cancerrectinib for TRK fusion cancer  
  -- Caplacizumab (Cablivi™) for treatment of acquired thrombotic thrombocytopenic purpura  
  -- Daratumumab (Darzalex™) for multiple myeloma

**ECRI Institute**  
- Health IT Safe Practices for Closing the Loop: Mitigating Delayed, Missed, and Incorrect Diagnoses - [link](#)  
- Special Report - Closing the Loop on Diagnostic Tests: Information Technology Solutions - [link](#)

**Food and Drug Administration (FDA) USA**  
- Safety announcement: warning about rare occurrences of necrotizing fasciitis of perineum (Fournier’s gangrene) with sodium-glucose cotransporter-2 (SGLT2) inhibitors for diabetes  
  Warning is to be added to prescribing information of all SGLT2 inhibitors and to patient Medication Guide in US. Patients should seek immediate medical attention if have symptoms of tenderness/redness/swelling of genitals or area from genitals back to rectum, and fever.  
- New drug approvals
**Doravirine** (Pifeltro™) and fixed-dose combination (doravirine; lamivudine; tenofovir disoproxil fumarate (Delstrigo™)) for the treatment of HIV-1

**Recombinant factor VIII concentrate** (Jivi™) for haemophilia A

**Lanadelumab** injection (Takhzyro™) to prevent attacks of hereditary angioedema (HAE) in people 12 years of age and older

**Medicines and Healthcare products Regulatory Agency (MHRA) UK**
- Spinraza™ (nusinersen): reports of hydrocephalus not related to meningitis or bleeding
  
  Letter advises patients/caregivers should be informed about signs/symptoms of hydrocephalus before start of treatment and to seek medical attention in case of: persistent vomiting/headache, unexplained decrease in consciousness, and in children, increase in head circumference

**OTHER NEWS**

**ACSQHC Caring for Cognitive Impairment Webinar: Cognitive Impairment in the Emergency Department (ED) and Intensive Care Unit (ICU)**
3-4pm, 11 September 2018 register [here](#).

**CDC Antibiotic Stewardship Training Series - [link](#)**

**CEC**
- The ‘Safe Use of HYDROMorphone’ module now available via the HETI My Health Learning [webpage](#) (HETI course code 199776392)
- Antimicrobial Awareness Seminars:
  --Thurs 20 September 1-2 pm: Innovative approaches to promoting antibiotic awareness with Aimee Petersen, Critical Care Team Leader at Wyong Hospital – register [here](#)
  --Thurs 11 October 12:30-1:30 pm: Implementing AMS in operating theatres by Dr Trisha Peel, Infectious Diseases and Antimicrobial Stewardship Physician at The Alfred Hospital, registration available soon via [link](#)

**eHealth NSW**
- 15 minute webinars on My Health Record– [link](#) (overview [link](#))

**Global Sepsis Alliance: WORLD SEPSIS DAY 2018** - Thursday 13 September - [link](#)

**ISMP Webinar: Working Together to Address Global Drug Safety Issues with Packaging and Labelling**
Thu, Sep 27, 2018 1:00 AM - 2:00 AM AEST - [link](#)

**My Health Record**
- First date for consumer [opt-out](#) is 16 July and [ends](#) on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - [link](#)

**NPS MedicineWise – Australian Prescriber**
Podcast [Episode 32](#) – Travelling with medicines

**Painaustralia - Action Plan Reference Group**
EOI for consumer representatives by midnight Tuesday 11 September 2018 - [link](#)

**Queensland Health**
- Project ECHO aims to increase opportunities for GPs and primary care clinicians to understand pain via videoconferencing. It provides medical education and case review. Register interest - [https://www.surveymonkey.com/r/PainEcho](https://www.surveymonkey.com/r/PainEcho) or Contact [stephen.gilbert@health.qld.gov.au](mailto:stephen.gilbert@health.qld.gov.au)

**RACGP**
- Pain Management Network website, new tool for patients and healthcare professionals - [link](#)

**Rare Cancers Australia**
- Launch of KnowledgeBase: online information resource for patients and carers

**ScriptWise toolkits for patients**
- Prescription Benzodiazepines
- Prescription Opioids

**SHPA**
- Webinar: September 5th 1-2pm - Heart Foundation Australian clinical guidelines for the management of heart failure 2018
- Joint Technician/Pharmacist CE Ward-based pharmacy technician – a pilot trial at Royal North Shore Hospital. 6:30–8pm, 12th Sept 2018, Kolling Auditorium, Royal North Shore Hospital - link

**TGA**
- Webinar: New warning statements on labels of Neuromuscular blocking agents
  4 - 5pm, Thursday 13 September 2018, register here
- TGA Facebook has officially launched - link

Other:
** Medicine shortage from Pfizer Australia for DBL™ Atracurium Besylate Injection (Atracurium besilate) - link**
** Extended out of stock situation for Sinemet® (levodopa/carbidopa) (all strengths and formulations) until Dec 2018 - link**

**PAPERS OF INTEREST**
** American Diabetes Association - Diabetes care**
- Glucagon-Like Peptide-1 Receptor Agonists and the Risk of Incident Diabetic Retinopathy - link

** American Heart Association (AHA)**
- Liraglutide Reduces Cardiovascular Events and Mortality in Type 2 Diabetes Mellitus Independently of Baseline Low-Density Lipoprotein Cholesterol Levels and Statin Use: Results From the LEADER Trial - link
- Prognostic Significance of Nuisance Bleeding in Anticoagulated Patients With Atrial Fibrillation - link
- Cardiorenal Syndrome Revisited - link
- Differential Effects of Levosimendan and Dobutamine on Glomerular Filtration Rate in Patients With Heart Failure and Renal Impairment: A Randomized Double-Blind Controlled Trial - link
- Chagas Cardiomyopathy: An Update of Current Clinical Knowledge and Management: A Scientific Statement From the American Heart Association - link

** American Journal of Health-System Pharmacy (AHJP)**
- Clinical update on thrombolytic use in pulmonary embolism: A focus on intermediate-risk patients - link
- A dynamic risk model for inpatient falls - link

** Annals of Internal Medicine**
- Medicines for Treatment Intensification in Type 2 Diabetes and Type of Insulin in Type 1 and Type 2 Diabetes in Low-Resource Settings: Synopsis of the World Health Organization Guidelines on Second- and Third-Line Medicines and Type of Insulin for the Control of Blood Glucose Levels in Nonpregnant Adults With Diabetes Mellitus - link

** British Journal of Clinical Pharmacology**
- Lisinopril-associated bullous pemphigoid in an elderly woman: a case report of a rare adverse drug reaction - link
- Therapeutic drug monitoring of tacrolimus and mycophenolic acid in outpatient renal transplant recipients using a volumetric dried blood spot sampling device - link

** British Medical Journal (BMJ)**
- New diagnosis of hyperthyroidism in primary care - link
- Electronic, mobile and telehealth tools for vulnerable patients with chronic disease: a systematic review and realist synthesis - link
- Managing scarlet fever - link
- Contributions of prescribed and non-prescribed opioids to opioid related deaths: population based cohort study in Ontario, Canada - link
- BMJ Drugs and Therapeutics Bulletin
  --What is the evidence for using labetalol as a first-line treatment option for hypertension in pregnancy? - link
  -- What role for oral nutritional supplements in primary care? - link
  --What is the place for monitored dosage systems? - link

**BMJ Heart
- Medication reminder applications to improve adherence in coronary heart disease: a randomised clinical trial - link

**BMJ Quality and Safety
- Minor flow disruptions, traffic-related factors and their effect on major flow disruptions in the operating room - link

**Cochrane
- Antifibrinolytics for heavy menstrual bleeding - link
- Glucocorticosteroid-free versus glucocorticosteroid-containing immunosuppression for liver transplanted patients - link
- Lumbar sympathectomy versus prostanoids for critical limb ischaemia due to non-reconstructable peripheral arterial disease - link
- Risperidone for psychosis-induced aggression or agitation (rapid tranquillisation) - link
- Alpha-blockers as medical expulsive therapy for ureteral stones - link
- Gemcitabine-based chemotherapy for advanced biliary tract carcinomas - link
- Homeopathic medicinal products for preventing and treating acute respiratory tract infections in children - link
- Paracetamol (acetaminophen) for patent ductus arteriosus (a blood vessel necessary for fetal survival) in preterm and low birth weight infants - link
- Antidepressants versus placebo for panic disorder in adults – link
- Antimicrobial lock solutions for preventing catheter-related infections in haemodialysis - link
- Enteral nutritional therapy for induction of remission in Crohn's disease - link
- Low dose naltrexone for induction of remission in Crohn's disease – link
- Interventions for necrotizing soft tissue infections in adults - link
- Mirtazapine adjunct for people with schizophrenia - link
- Nicotine replacement therapy versus control for smoking cessation - link
- Vaccines for preventing typhoid fever - link
- Clonazepam add-on therapy for refractory epilepsy in adults and children - link
- Face-to-face interventions for informing or educating parents about early childhood vaccination - link
- Inhaled corticosteroids for bronchiectasis - link
- Melatonin for the promotion of sleep in adults in the intensive care unit - link
- Pharmacist services for non-hospitalised patients - link
- Interventions to improve the appropriate use of polypharmacy for older people - link

**European Heart Journal
- Anti-anginal drugs–beliefs and evidence: systematic review covering 50 years of medical treatment - link
- 2018 ESC Guidelines for the management of cardiovascular diseases during pregnancy - link
- 2018 ESC/EACTS Guidelines on myocardial revascularization - link
- 2018 ESC/ESH Guidelines for the management of arterial hypertension - link
- Fourth universal definition of myocardial infarction (2018) - link
- Exploring an extended role for pharmacy assistants on inpatient wards in UK hospitals: using mixed methods to develop the role of medicines assistants - link
**International Journal for Quality in Health Care**
- Anticoagulant medication errors in hospitals and primary care: a cross-sectional study - link
- Differences in healthcare outcomes between teaching and non teaching hospitals for patients with delirium: a retrospective cohort study - link
- Overview of quality management models for inpatient healthcare settings. A scoping review - link
- A framework to support risk assessment in hospitals - link

**JAMA Neurology**
- A Review: Advances in Understanding the Pathophysiology of Lacunar Stroke - link
- Effect of Dextroamphetamine on Poststroke Motor Recovery - A Randomized Clinical Trial - link

**JAMA Oncology**
- Safety and Efficacy of Bevacizumab Plus Standard-of-Care Treatment Beyond Disease Progression in Patients With Advanced Non–Small Cell Lung Cancer: The AvaALL Randomized Clinical Trial - link

**JAMA Ophthalmology**
- A Worldwide Price Comparison of Glaucoma Medications, Laser Trabeculoplasty, and Trabeculectomy Surgery - link

**JAMA Psychiatry**
- Effect of Cannabidiol on Medial Temporal, Midbrain, and Striatal Dysfunction in People at Clinical High Risk of Psychosis - A Randomized Clinical Trial - link

**JAMIA (Journal of the American Medical Informatics Association)**
- Development and implementation of a mobile device-based pediatric electronic decision support tool as part of a national practice standardization project - link
- Primary care provider adherence to an alert for intensification of diabetes blood pressure medications before and after the addition of a “chart closure” hard stop - link
- Identifying surgical site infections in electronic health data using predictive models - link
- OpenNotes and shared decision making: a growing practice in clinical transparency and how it can support patient-centered care - link
- Research use of electronic health records: patients’ perspectives on contact by researchers - link
- Gaps in health information exchange between hospitals that treat many shared patients - link
- Sharing data from electronic health records within, across, and beyond healthcare institutions: Current trends and perspectives - link

**Journal of Clinical Oncology**
- Hydroxycarbamide Plus Aspirin Versus Aspirin Alone in Patients With Essential Thrombocythemia Age 40 to 59 Years Without High-Risk Features - link

**Lancet**
- Efficacy of telemedical interventional management in patients with heart failure (TIM-HF2): a randomised, controlled, parallel-group, unmasked trial - link
- Long-term mortality after blood pressure-lowering and lipid-lowering treatment in patients with hypertension in the Anglo-Scandinavian Cardiac Outcomes Trial (ASCOT) Legacy study: 16-year follow-up results of a randomised factorial trial - link
- Radial versus femoral access and bivalirudin versus unfractionated heparin in invasively managed patients with acute coronary syndrome (MATRIX): final 1-year results of a multicentre, randomised controlled trial - link
- Ticagrelor plus aspirin for 1 month, followed by ticagrelor monotherapy for 23 months vs aspirin plus clopidogrel or ticagrelor for 12 months, followed by aspirin monotherapy for 12 months after implantation of a drug-eluting stent: a multicentre, open-label, randomised superiority trial - link
- Erlotinib versus vinorelbine plus cisplatin as adjuvant therapy in Chinese patients with stage IIIA EGFR mutation-positive non-small-cell lung cancer (EVAN): a randomised, open-label, phase 2 trial - link
- Quantifying drivers of antibiotic resistance in humans: a systematic review - link
- Non-alcoholic fatty liver disease: causes, diagnosis, cardiometabolic consequences, and treatment strategies - link
- Immune checkpoint inhibitors and cardiovascular toxicity - link
- Brexanolone injection in post-partum depression: two multicentre, double-blind, randomised, placebo-controlled, phase 3 trials - link
- Forecasting the care needs of the older population in England over the next 20 years: estimates from the Population Ageing and Care Simulation (PACSim) modelling study - link

**National Institute for Health Research (NIHR)
- Cognitive behavioural therapy could benefit adults with attention deficit hyperactivity disorder (ADHD) – link
- People with osteoarthritis can benefit from exercise but may harbour myths about safety - link
- ‘Virtual wards’ reduce readmissions in people after hospitalisation for heart failure - link

**PROSPERO - International prospective register of systematic reviews
- Investigating the relationship between health literacy, adherence to self-care behaviours and outcomes in adults with chronic heart failure: a systematic review - link
- The metabolic effects of once daily modified release hydrocortisone vs standard glucocorticoid replacement in the treatment of adults with adrenal insufficiency - link

**Therapeutics and Clinical Risk Management
- WHAT is the role of adipokines in myasthenia gravis - link
- DURABILITY of initial antidiabetic monotherapy and subsequent treatment adjustment patterns among newly treated type 2 diabetes patients - link

UPCOMING EVENTS
(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)

**Cardiovascular Initiative Drug Discovery Symposium
10 September 2018, 11:30 - 5pm Charles Perkins Centre, Sydney University – link

**2018 ADMA National Conference - Engagement and Integration of Chronic Care: Enablement, Empowerment & Activation
13 Sept 9am to 14 Sept 2018 5pm, Melbourne Convention & Exhibition Centre Victoria - link

**SHPA NSW Branch Symposium “Pain- Navigating the Pain Paradigm”
8:30am - 5:00pm Saturday, 15 September 2018, Charles Perkins Centre, Sydney University - link

**2018 Australasian HIV & AIDS Conference
24 Sept 2018 9:00am to 26 Sept 2018 05:00pm, Sydney Masonic Centre, New South Wales - link

**Symposium of Comprehensive Joint Care
5-7 October 2018, Split, Croatia - link

**ACI 6th NSW Aged Health Collaborative Forum
26 Oct 2018, 9 - 4pm Westmead Hospital, Level 2 Education Block, Westmead NSW - link

**Pain Management Research Institute (PMRI) Clinical Skills Workshop: Dealing with emotionally challenging patient encounters
Fri 2 November 2018, 9:30am – 4:00pm, Kolling Building, Royal North Shore Hospital, St Leonards Sydney NSW - link
**ECI 8th Annual Emergency Care Symposium**  
9 November 2018, 9:00am to 5:00pm – more detail available soon via this [link](#)

**The European Congress on Clinical Trials in Pain (SOPATE2018)**  
3-4 December 2018, Vienna, Austria - [link](#)

**APSA 2018 Annual Conference**  
Australasian Pharmaceutical Science Association (APSA) conference to be held at The University of South Australia from Sunday 2nd – Wednesday 5th December 2018 - [link](#)

**5th Biotechnology World Congress**  
13th - 15th Feb 2019, United Nations Conference Center (UNCC), in Bangkok, Thailand - [link](#)

**2019 IHI Patient Safety Congress**  
May 13–15, 2019, Houston, TX - [link](#)

**Joint Annual Meeting of the Multinational Association of Supportive Care in Cancer (MASCC) and the International Society of Oral Oncology (ISOO)**  
21 - 23 June 2019, San Francisco (California, USA) - [link](#)

**International Pharmaceutical Federation (FIP) World Congress of Pharmacy and Pharmaceutical Sciences in 2021**  
29 August – 2 September 2021, Brisbane – link to be provided once more info available

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**TAG Mail – 29 August 2018**

**REPORTS AND PUBLICATIONS – AUSTRALIA**

**ACI**  
- Clinician Connect newsletter - [link](#)

**Grattan Institute**  
- Safer care saves money: How to improve patient care and save public money at the same time - [link](#)

**Health Informatics Society of Australia**  
- Leadership in Clinical Informatics - A HISA White Paper - [link](#)

**NHMRC**  
- Debilitating Symptom Complexes Attributed to Ticks Targeted Call for Research (TCR) Closes 5:00pm (AEST) 29 August 2018.

**TGA**  
- AusPARs
  - [Nivolumab](#) (Opdivo©) as monotherapy is indicated for the adjuvant treatment of patients with melanoma with involvement of lymph nodes or metastatic disease who have undergone complete resection.

**Victorian Institute of Forensic Medicine**  
- Residential Aged Care [August Communiqué](#)

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**REPORTS AND PUBLICATIONS – INTERNATIONAL**

**British National Formulary (BNF)**  
- BNF and BNF for Children Update:
- Integrating NHS pharmacy and medicines optimisation into Sustainability and Transformation Partnerships and Integrated Care Systems - link

**NHS Evidence**
- The Heart Age Test - link

**Specialist Pharmacy Services**
- NICE Bites; Rheumatoid arthritis in adults - link

**MEDICATION SAFETY**
**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- **Keytruda™** (pembrolizumab) solution for infusion
  Meningitis (aseptic) has been added as a rare adverse event under nervous system disorders.
  -- **Risperdal™** (risperidone) preparations
  Somnambulism and sleep related eating disorder (frequency rare) have been added as adverse events.
  -- **Zelboraf™** (vemurafenib) tablets
  Sarcoidosis has been added as an adverse event.
  -- **Lustral™** (sertraline) tablets
  Rhabdomyolysis has been added to SPC as adverse effect, as has amphetamine to the list of other interacting serotonergic drugs.

**Food and Drug Administration (FDA) USA**
- New drug approvals
  -- **Diacomit** (Stiripentol™) for the treatment of seizures associated with Dravet syndrome (DS) in patients 2 years of age and older taking clobazam
  -- **Lanadelumab** (Takhzyro™) approved to treat patients aged 12 and older to help prevent attacks of hereditary angioedema
  -- **Cenegermin** (Oxervate™) eye solution 0.002% - First line Drug for Neurotrophic Keratitis
  -- **Loteprednol etabonate ophthalmic suspension** (Inveltys™) 1% for the treatment of pain and inflammation following eye surgery.
  -- **Tretinoin 0.05% Lotion** (Altreno™) for Acne
  -- **Eravacycline** (Xerava™) injection for the treatment of complicated intra-abdominal infections in patients 18 years of age and older.
  -- **Alirocumab** (Praluent ™) revision to PI to describe use in heterozygous familial hypercholesterolemia (HeFH) patients undergoing apheresis

**Institute for Safe Medication Practices (ISMP) USA**
- Acute care: Medication Safety Alert! August 23, 2018
  -- High-Alert Medication Survey Results Lead to Several Changes for 2018 - link
  -- Methotrexate “Call to Action” brings results - link
  -- Standardization should result in improvements, not simply conformity

**Medicines and Healthcare products Regulatory Agency (MHRA) UK**
- Esmya (ulipristal acetate) and risk of serious liver injury: new restrictions to use and requirements for liver function monitoring before, during, and after treatment - link
- Drug Safety Update - August 2018 - link

**OTHER NEWS**
**ACSQHC Caring for Cognitive Impairment Webinar: Cognitive Impairment in the Emergency Department (ED) and Intensive Care Unit (ICU)**
3-4pm, 11 September 2018 register here.

**CEC - Antimicrobial Awareness Seminars**
- Thurs 20 September 1-2 pm: Innovative approaches to promoting antibiotic awareness with Aimee Petersen, Critical Care Team Leader at Wyong Hospital – register
- Thurs 11 October 12:30-1:30 pm: Implementing AMS in operating theatres by Dr Trisha Peel, Infectious Diseases and Antimicrobial Stewardship Physician at The Alfred Hospital, registration available soon via link
- MSQ Connect (Medication Safety and Quality Program newsletter) 8th edition - link

**Clinical Excellence Commission (CEC) NSW
- The ‘Safe Use of HYDROmorphone’ module now available via the HETI My Health Learning webpage (HETI course code 199776392)

**eHealth NSW
- 15 minute webinars on My Health Record– link (overview link)

**My Health Record
- First date for consumer opt-out is 16 July and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - link

**Queensland Health
- Project ECHO aims to increase opportunities for GPs and primary care clinicians to understand pain via videoconferencing. It provides medical education and case review. Register interest - https://www.surveymonkey.com/r/PainEcho or Contact stephen.gilbert@health.qld.gov.au

**RACGP
- Pain Management Network website, new tool for patients and healthcare professionals - link

**SHPA
- Webinar: September 5th 1-2pm - Heart Foundation Australian clinical guidelines for the management of heart failure 2018
- Joint Technician/Pharmacist CE Ward-based pharmacy technician – a pilot trial at Royal North Shore Hospital. 6:30–8pm, 12th Sept 2018, Kolling Auditorium, Royal North Shore Hospital - link

**TGA
- Webinar: New warning statements on labels of Neuromuscular blocking agents
  4 - 5pm, Thursday 13 September 2018, register here

**PAPERS OF INTEREST
**American Journal of Preventative Medicine
- Low Systolic Blood Pressure From Treatment and Association With Serious Falls/Syncope - link

**American Diabetes Association - Diabetes care
- The Impact of Liraglutide on Diabetes-Related Foot Ulceration and Associated Complications in Patients With Type 2 Diabetes at High Risk for Cardiovascular Events: Results From the LEADER Trial - link

**American Journal of Cardiology
- Meta-Analysis of Usefulness of Psyllium Fiber as Adjuvant Antilipid Therapy to Enhance Cholesterol Lowering Efficacy of Statins – link
- Meta-Analysis Comparing the Efficacy, Safety, and Cost-Benefit of Direct Acting Oral Anticoagulants Versus Enoxaparin Thromboprophylaxis to Prevent Venous Thromboembolism Among Hospitalized Patients – link

**Anaesthesiology
- Preoperative Epoetin-alpha with Intravenous or Oral Iron for Major Orthopedic Surgery: A Randomized Controlled Trial – link
**Annals of Thoracic Surgery**
- Patient-Controlled Paravertebral Block for Video-Assisted Thoracic Surgery: A Randomized Trial – [link](#)

**American Journal of Health-System Pharmacy (AHJP)**
- Initiative to reduce aztreonam use in patients with self-reported penicillin allergy: Effects on clinical outcomes and antibiotic prescribing patterns - [link](#)
- Evaluation of a transitional care pharmacist intervention in a high-risk cardiovascular patient population - [link](#)
- Effects of clinical decision support and pharmacist prescribing authority on a therapeutic interchange program - [link](#)

**Annals of Internal Medicine**
- Opioid Prescribing in the United States Before and After the Centers for Disease Control and Prevention's 2016 Opioid Guideline - [link](#)

**British Medical Journal (BMJ)**
- Impact of the communication and patient hand-off tool SBAR on patient safety: a systematic review - [link](#)
- Alcohol and the risk of pneumonia: a systematic review and meta-analysis - [link](#)
- Revisiting the timetable of tuberculosis - [link](#)

**British Heart Foundation**
- Growing diabetes epidemic to trigger ‘sharp rise’ in heart attacks and strokes by 2035 - [link](#)

**BMJ Quality and Safety**
- Self-management capability in patients with long-term conditions is associated with reduced healthcare utilisation across a whole health economy: cross-sectional analysis of electronic health records - [link](#)

**Clinical Journal of Pain**
- Intraoperative Sedation With Dexmedetomidine is Superior to Propofol for Elderly Patients Undergoing Hip Arthroplasty: A Prospective Randomized Controlled Study - [link](#)

**Cochrane**
- Glucocorticoids for croup in children - [link](#)
- Perioperative local anaesthesia for reducing pain following septal surgery - [link](#)
- Impact of medication reconciliation for improving transitions of care - [link](#)
- Drugs for treating Buruli ulcer (Mycobacterium ulcerans disease) - [link](#)
- Once-daily long-acting beta₂-agonists/inhaled corticosteroids combined inhalers versus inhaled long-acting muscarinic antagonists for people with chronic obstructive pulmonary disease - [link](#)
- Hospitalisation in short-stay units for adults with internal medicine diseases and conditions - [link](#)
- Treatments for women with gestational diabetes mellitus: an overview of Cochrane systematic reviews - [link](#)
- Interventions for infantile haemangiomas of the skin - [link](#)
- Anti-vascular endothelial growth factor combined with intravitreal steroids for diabetic macular oedema - [link](#)
- First-line drugs for hypertension - [link](#)
- Gamma-aminobutyric acid agonists for antipsychotic-induced tardive dyskinesia - [link](#)
- Haemostatic therapies for acute spontaneous intracerebral haemorrhage - [link](#)
- Antidepressants for preventing postnatal depression - [link](#)
- Honey for acute cough in children - [link](#)

**European Heart Journal**
- Management of antithrombotic therapy in AF patients presenting with ACS and/or undergoing PCI: A Summary of the Joint Consensus Document of the European Heart Rhythm Association (EHRA), European Society of Cardiology Working Group on Thrombosis,
European Association of Percutaneous Cardiovascular Interventions (EAPCI) and European Association of Acute Cardiac Care (ACCA) endorsed by the Heart Rhythm Society (HRS), Asia-Pacific Heart Rhythm Society (APHRS), Latin America Heart Rhythm Society (LAHRS), and Cardiac Arrhythmia Society of Southern Africa (CASSA) - link

**Internal Medicine Journal**
- Hypothyroidism associated with therapy for multi-drug resistant tuberculosis in Australia - link
- ST-Elevation Myocardial Infarction in a Migrant Population: a Registry Based Study of Patient Treatment and Outcomes - link

**JAMA Cardiology**
- Ross Procedure vs Mechanical Aortic Valve Replacement in Adults
A Systematic Review and Meta-analysis - link

**JAMA Ophthalmology**
- Loss to Follow-up Among Patients With Neovascular Age-Related Macular Degeneration Who Received Intravitreal Anti–Vascular Endothelial Growth Factor Injections - link
- Immunotherapy With Programmed Cell Death 1 Inhibitors for 5 Patients With Conjunctival Melanoma - link

**Journal of Bone and Joint Surgery**
- Preoperative Opioid Use Is Associated with Higher Readmission and Revision Rates in Total Knee and Total Hip Arthroplasty – link

**Journal of Healthcare Risk Management**
- The dilemma of patient safety work: perceptions of hospital middle managers - link

**Journal of the American College of Cardiology**
- Stroke Rates Following Surgical Versus Percutaneous Coronary Revascularization - link

**Lancet**
- Radial versus femoral access and bivalirudin versus unfractionated heparin in invasively managed patients with acute coronary syndrome (MATRIX): final 1-year results of a multicentre, randomised controlled trial - link
- Efficacy of telemedical interventional management in patients with heart failure (TIM-HF2): a randomised, controlled, parallel-group, unmasked trial - link
- Long-term mortality after blood pressure-lowering and lipid-lowering treatment in patients with hypertension in the Anglo-Scandinavian Cardiac Outcomes Trial (ASCOT) Legacy study: 16-year follow-up results of a randomised factorial trial - link
- Erlotinib versus vinorelbine plus cisplatin as adjuvant therapy in Chinese patients with stage IIIA EGFR mutation-positive non-small-cell lung cancer (EVAN): a randomised, open-label, phase 2 trial - link
- Use of aspirin to reduce risk of initial vascular events in patients at moderate risk of cardiovascular disease (ARRIVE): a randomised, double-blind, placebo-controlled trial - link
- Ticagrelor plus aspirin for 1 month, followed by ticagrelor monotherapy for 23 months vs aspirin plus clopidogrel or ticagrelor for 12 months, followed by aspirin monotherapy for 12 months after implantation of a drug-eluting stent: a multicentre, open-label, randomised superiority trial - link
- Antimicrobial resistance: a threat to global health - link

**Medical Journal of Australia**
- Cancer Molecular Screening and Therapeutics (MoST): a framework for multiple, parallel signal-seeking studies of targeted therapies for rare and neglected cancers - link

**New England Journal of Medicine**
- Lynch Syndrome–Associated Colorectal Cancer - link
- Tranexamic Acid for the Prevention of Blood Loss after Vaginal Delivery - link
- Combined Nivolumab and Ipilimumab in Melanoma Metastatic to the Brain - link
- A Randomized Trial of Epinephrine in Out-of-Hospital Cardiac Arrest - link
- One-Year Outcomes after PCI Strategies in Cardiogenic Shock - link
- Coronary CT Angiography and 5-Year Risk of Myocardial Infarction - link
- Effects of n−3 Fatty Acid Supplements in Diabetes Mellitus - link
- Cardiovascular Safety of Lorcaserin in Overweight or Obese Patients - link
- Effects of Aspirin for Primary Prevention in Persons with Diabetes Mellitus - link
- Rivaroxaban for Thromboprophylaxis after Hospitalization for Medical Illness - link
- Rivaroxaban in Patients with Heart Failure, Sinus Rhythm, and Coronary Disease - link
- Tafamidis Treatment for Patients with Transthyretin Amyloid Cardiomyopathy - link

**Pediatrics (American Academy of Pediatrics)
- Marijuana Use During Pregnancy and Breastfeeding: Implications for Neonatal and Childhood Outcomes - link
- Marijuana Use by Breastfeeding Mothers and Cannabinoid Concentrations in Breast Milk - link
- Understanding FDA-Approved Labeling and CDC Recommendations for Use of Vaccines - link

**Journal of the Pediatric Infectious Diseases Society
- US Emergency Department Visits for Adverse Drug Events From Antibiotics in Children, 2011–2015 - link

**Spine
- Bisphosphonate and Teriparatide Use in Thoracolumbar Spinal Fusion: A Systematic Review and Meta-analysis of Comparative Studies - link

** Therapeutics and Clinical Risk Management
- Drug-induced interstitial lung disease in the treatment of malignant lymphoma as a potential diagnostic marker: a comparison of serum Krebs von Lungen-6 and thymus and activation-regulated chemokine/CC chemokine ligand 17 - link
- Use of idarucizumab in reversing dabigatran anticoagulant effect: a critical appraisal - link

UPCOMING EVENTS
(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)

**Australasian Pharmaceutical Science Association (APSA) - International Association of Therapeutic Drug Monitoring and Clinical Toxicology (IATDMCT) Congress
16-19 September 2018, Brisbane, register here

TAG Mail – 23 August 2018

REPORTS AND PUBLICATIONS – AUSTRALIA
**Australian Commission on Safety and Quality in Health Care (ACSQHC)
- Antimicrobial use in Australian hospitals: Results of the 2014 National Antimicrobial Utilisation Surveillance Program – link

**Australian Institute for Health and Welfare (AIHW)
- Aboriginal and Torres Strait Islander Stolen Generations and descendants: numbers, demographic characteristics and selected outcomes - link
- MyHealthyCommunities: Patient experiences in Australia in 2016–17 - link
- MyHealthyCommunities: Patients’ out-of-pocket spending on Medicare services 2016–17 - link
- Cancer compendium: information and trends by cancer type - link

**NHMRC
- Debilitating Symptom Complexes Attributed to Ticks Targeted Call for Research (TCR) Closes 5:00pm (AEST) 29 August 2018.
REPORTS AND PUBLICATIONS – INTERNATIONAL
**Agency for Healthcare Research and Quality (AHRQ) USA**
- Drug Therapy for Early Rheumatoid Arthritis: A Systematic Review Update - [link](#)
- Labeling morphine milligram equivalents on opioid packaging: a potential patient safety intervention - [link](#)
- Opioid prescribing decreases after learning of a patient's fatal overdose - [link](#)
- Beyond Dr. Google: the evidence on consumer-facing digital tools for diagnosis - [link](#)
- Defining patient safety events in inpatient psychiatry - [link](#)

**Canadian Agency for Drugs and Technologies in Health**
- Rituximab for the Treatment of Myasthenia Gravis: A Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines - [link](#)
- Side Effect Free Chemotherapy for the Treatment of Cancer: Clinical Effectiveness - [link](#)

**Healthcare Quality Improvement Partnership**
- Assessment of delirium in hospital for people with dementia - [link](#)

**MHRA**
- Stop smoking options: guidance for conversations with patients - [link](#)

**National Institute for Health and Clinical Excellence (NICE) UK**
- Pain management in cancer: evaluation of an in-patient pain assessment and management tool - [link](#)
- Anticholinergic medicines and the risk of dementia - [link](#)

**Royal Pharmaceutical Society**
- RPS England champions pharmacists working with care homes to Sustainability and Transformation Partnerships (STPs) - [link](#)

**Specialist Pharmacy Services**
- In use product safety assessment report for trastuzumab - [link](#)
- Medicines Use and Safety Team – Annual Report 2017-18 - [link](#)

**World Health Organisation (WHO)**
- Mental Health ATLAS 2017 - [link](#)

MEDICATION SAFETY
**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- Vargatef™ (nintedanib): Myocardial infarction, renal failure and pruritus added as adverse events.
  -- Brintellix™ (vortioxetine): Angioedema and urticaria added as undesirable effects (frequency not known)
  -- Dovobet™ (calcipotriol and betamethasone): visual disturbance reported with systemic and topical corticosteroid use. Consider referral to an ophthalmologist if patient presents with visual disturbances (e.g. blurred vision).
  -- Eliquis® (apixaban): care should be taken if patients are treated concomitantly with SSRIs or SNRIs, due to the increased bleeding risk.
  -- Eylea™ (aflibercept) injection: extraction of multiple doses from a single vial may increase the risk of contamination and subsequent infection. Manufacturers recommend that each vial should only be used for the treatment of a single eye

**Food and Drug Administration (FDA) USA**
- New drug approvals
  -- Opdivo™ (nivolumab) approval for metastatic small cell lung cancer (SCLC) for patients whose cancer has progressed after platinum-based chemotherapy and at least one other type of therapy.
  -- Kalydeco™ (ivacaftor) to include use in children with cystic fibrosis (CF) ages 12 to <24 months who have at least one mutation in their cystic fibrosis transmembrane conductance
regulator (CFTR) gene that is responsive to ivacaftor based on clinical and/or in vitro assay data.

-- Lenvima™ (lenvatinib) for the first-line treatment of patients with unresectable hepatocellular carcinoma.

**Institute for Safe Medication Practices (ISMP) USA**
- ISMP seeking public comment on revised Guidelines for the Safe Use of Automated Dispensing Cabinets (ADCs) - link – closes 31st August 2018

OTHER NEWS

**AHHA**
- The Health Advocate Podcast - link
  -- Episode 4 Integrated Care

**Australian Prescriber**
- Podcast Episode 31 – Infantile colic: Ashlea Broomfield interviews Dr Valerie Sung about how to manage colicky babies. Which treatments work and which don’t?

**Clinical Excellence Commission (CEC) NSW**
- The ‘Safe Use of HYDROMorphone’ module now available via the HETI My Health Learning webpage (HETI course code 199776392)

**eHealth NSW**
- 15 minute webinars on My Health Record– link (overview link)

**MJA Podcasts**
- Episode 72: Predatory journals, with Prof Peter Munk - link
- Episode 71: Bronchiectasis, with Dr Simone Visser and A/Prof Lucy Morgan - link
- Episode 70: Cannabidiol for drug-resistant epilepsy, with Dr Jeremy Freeman - link
- Episode 69: Lymphoma relative survival rates, with Dr Greg Hapgood - link
- Episode 68: Hypertension guidelines, with Prof Garry Jennings - link
- Episode 67: Atrial fibrillation, with Prof David Brieger - link
- Episode 66: Heart failure with A/Prof John Atherton - link
- Episode 63: Gender gap in heart attack outcomes, with Prof Clara Chow - link
- Episode 62: LGBTI ageing and aged care, with Samantha Edmonds - link

**My Health Record**
- First date for consumer opt-out is 16 July and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - link

**NPS MedicineWise**
- Starting, stepping down and stopping medicines - link
- Be Medicinewise Week 20-26 August 2018: Our families matter, so it’s important to make safe and wise decisions about medicines and health.

**Queensland Health**
- Project ECHO aims to increase opportunities for GPs and primary care clinicians to understand pain via videoconferencing. It provides medical education and case review. Register interest - https://www.surveymonkey.com/r/PainEcho or Contact stephen.gilbert@health.qld.gov.au

**RACGP**
- Pain Management Network website, new tool for patients and healthcare professionals - link

**Rare Cancers Australia**
- Launch of KnowledgeBase: online information resource for patients and carers

**SHPA Webinars**
- September 5th 1-2pm - Heart Foundation Australian clinical guidelines for the management of heart failure 2018

PAPERS OF INTEREST
**American Diabetes Association - Diabetes care
- Glycemic Control and Risk of Infections among People with Type 1 or Type 2 Diabetes in a Large Primary Care Cohort Study - link**

**American Heart Association
- Clinical Benefit of Evolocumab by Severity and Extent of Coronary Artery Disease - link
- Long-Term Association of Low-Density Lipoprotein Cholesterol with Cardiovascular Mortality in Individuals at Low 10-Year Risk of Atherosclerotic Cardiovascular Disease - link
- Primary Aldosteronism: Practical Approach to Diagnosis and Management - link
- Medical Therapy for Systemic Right Ventricles: A Systematic Review (Part 1) for the 2018 AHA/ACC Guideline for the Management of Adults with Congenital Heart Disease - link**

**American Journal of Hypertension
- Use of Prescription Medications That Potentially Interfere With Blood Pressure Control in New-Onset Hypertension and Treatment-Resistant Hypertension - link**

**Annals of Internal Medicine
- Pregabalin and the Risk for Opioid-Related Death: A Nested Case–Control Study - link**

**British Journal of Clinical Pharmacology
- Use of antipsychotics and risk of breast cancer: a Danish nationwide case–control study - link
- Dipeptidyl peptidase-4 inhibitor use is associated with decreased risk of fracture in patients with type 2 diabetes: a population-based cohort study - link
- Identification of Behaviour Change Techniques in Deprescribing Interventions: A Systematic Review and Meta-Analysis - link
- A systematic review of clinicians’ views and experiences of direct-acting oral anticoagulants in the management of non-valvular atrial fibrillation - link
- Evaluation of the adequacy of drug prescriptions in patients with chronic kidney disease: results from the CKD-REIN cohort - link
- A smart algorithm for the prevention and risk management of QTc-prolongation based on the optimized RISQ-PATH model - link**

**British Journal of Surgery
- Effect of aspirin in vascular surgery in patients from a randomized clinical trial (POISE-2) - link**

**British Medical Journal (BMJ)
- Corticosteroid therapy for sepsis: a clinical practice guideline - link
- Diagnosis and management of venous leg ulcers - link**

**BMJ Heart
- Potential spironolactone effects on collagen metabolism biomarkers in patients with uncontrolled blood pressure - link
- Chronic heart failure management and remote haemodynamic monitoring - link**

**BMJ Quality and Safety
- Recognising the importance of informal communication events in improving collaborative care - link
- Effects of a multifaceted medication reconciliation quality improvement intervention on patient safety: final results of the MARQUIS study - link**

**Clinical Pharmacology & Therapeutics
- Anti-lipid Therapies – themed issue - link
**Cochrane**
- Rufinamide add-on therapy for refractory epilepsy - link
- Uterotonic agents for preventing postpartum haemorrhage: a network meta-analysis - link
- Phosphate binders for preventing and treating chronic kidney disease-mineral and bone disorder (CKD-MBD) - link
- Intravenous versus inhalational maintenance of anaesthesia for postoperative cognitive outcomes in elderly people undergoing non-cardiac surgery - link
- Discontinuation of intravenous oxytocin in the active phase of induced labour - link
- Enhancing partner support to improve smoking cessation - link
- E-Health interventions for anxiety and depression in children and adolescents with long-term physical conditions - link
- The risk of Alzheimer's disease associated with benzodiazepines and related drugs: a nested case-control study - link

**European Heart Journal**
- Potential impact of the 2017 ACC/AHA guideline on high blood pressure in normotensive patients with stable coronary artery disease: insights from the CLARIFY registry - link

**Gastroenterology**
- Risk of Serious and Opportunistic Infections Associated with Treatment of Inflammatory Bowel Diseases - link
- Corticosteroids Reduce Risk of Death Within 28 Days for Patients with Severe Alcoholic Hepatitis, Compared with Pentoxifylline or Placebo—a Meta-analysis of Individual Data From Controlled Trials - link

**Internal Medicine Journal**
- The effectiveness of corticosteroid compared to non-corticosteroid therapy for the treatment of drug-induced acute interstitial nephritis: A systematic review - link
- Managing hypogammaglobulinaemia secondary to haematological malignancies in Australia and New Zealand: a clinician survey - link
- Similar outcomes for general medicine patients discharged on any day of the week - link

**JAMA**
- Association of Inhaled Corticosteroids and Long-Acting β-Agonists as Controller and Quick Relief Therapy with Exacerbations and Symptom Control in Persistent Asthma - link
- Fixed Low-Dose Triple Combination Antihypertensive Medication vs Usual Care for Blood Pressure Control in Patients with Mild to Moderate Hypertension in Sri Lanka - link A Randomized Clinical Trial - link

**JAMA Cardiology**
- Association of Natriuretic Peptides with Cardiovascular Prognosis in Heart Failure with Preserved Ejection Fraction. Secondary Analysis of the TOPCAT Randomized Clinical Trial - link

**JAMA Internal Medicine**
- Assessment of the Safety of Discharging Select Patients Directly Home from the Intensive Care Unit - A Multicenter Population-Based Cohort Study - link

**JAMA Neurology**
- Use of Vitamins and Dietary Supplements by Patients with Multiple Sclerosis - A Review - link

**JAMA Surgery**
- Association of Hydrocodone Schedule Change with Opioid Prescriptions Following Surgery - link
- Association of the Use of a Mandatory Prescription Drug Monitoring Program with Prescribing Practices for Patients Undergoing Elective Surgery - link

**JAMIA (Journal of the American Medical Informatics Association)**
**Journal of Clinical Oncology**
- Impact of Baseline Steroids on Efficacy of Programmed Cell Death-1 and Programmed Death-Ligand 1 Blockade in Patients with Non–Small-Cell Lung Cancer - [link](#)

**Journal of Patient Safety and Risk Management**
- The STEP-up programme: Engaging all staff in patient safety - [link](#)

**Lancet**
- Epidemiology, aetiology, and management of ischaemic stroke in young adults - [link](#)
- Oral steroids for resolution of otitis media with effusion in children (OSTRICH): a double-blind, placebo-controlled randomised trial - [link](#)
- Amisulpride and olanzapine followed by open-label treatment with clozapine in first-episode schizophrenia and schizoaffective disorder (OPTiMiSE): a three-phase switching study - [link](#)
- Glycaemic variability in diabetes: clinical and therapeutic implications - [link](#)

**Medical Journal of Australia**
- Dr Google in the ED: searching for online health information by adult emergency department patients - [link](#)
- Medicinal cannabis in Australia, 2016: the Cannabis as Medicine Survey (CAMS-16) - [link](#)
- Cannabidiol for treating drug-resistant epilepsy in children: the New South Wales experience - [link](#)
- Ethics and site-specific governance approvals for multi-centre, inter-sector health care research - [link](#)

**National Institute for Health Research (NIHR)**
- Daily low-dose antibiotics halve urinary tract infections in people who self-catheterise - [link](#)
- Continuous subcutaneous insulin infusion versus multiple daily injections in children and young people at diagnosis of type 1 diabetes: the SCIPI RCT - [link](#)

**New England Journal of Medicine**
- MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset - [link](#)
- Smoking Cessation, Weight Change, Type 2 Diabetes, and Mortality - [link](#)
- Risk Factors, Mortality, and Cardiovascular Outcomes in Patients with Type 2 Diabetes - [link](#)
- Phase 3 Study of Ibalizumab for Multidrug-Resistant HIV-1 - [link](#)
- Talazoparib in Patients with Advanced Breast Cancer and a Germline BRCA Mutation - [link](#)
- Clinical Course and Management of Hypertrophic Cardiomyopathy - [link](#)

**Osteoporosis International**
- Medication persistence and risk of fracture among female Medicare beneficiaries diagnosed with osteoporosis - [link](#)

**Pediatrics (American Academy of Pediatrics)**
- Emergency Department Revisits after an Initial Parenteral Antibiotic Dose for UTI - [link](#)
- Diagnosis, Evaluation, and Management of High Blood Pressure in Children and Adolescents - [link](#)

**PROSPERO** - International prospective register of systematic reviews
- Using the cumulative model of patient complexity to understand supported self-management in older people living with multi-morbidity and cancer: protocol for a theory-led qualitative systematic review - [link](#)
- Non-bisphosphonates for the prevention of osteoporotic fragility fractures (ID901) - link

UPCOMING EVENTS
(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)

**2018 ADMA National Conference - Engagement and Integration of Chronic Care: Enablement, Empowerment & Activation
13 - 14 September 2018, Melbourne Convention and Exhibition Centre - link

**2018 Australasian HIV & AIDS Conference
24 – 26 September 2018, Sydney Masonic Centre - link

**13th Biennial Asia Pacific International Mental Health and Addiction Conference
31st Oct – 1st November - Auckland, New Zealand - link

**2018 HealthShare NSW and eHealth NSW Expo
1 November 2018, International Convention Centre, Darling Harbour - link

**Eighth biennial Australian and New Zealand falls prevention conference
18 - 20 Nov 2018, Hotel Grand Chancellor, Hobart, Tasmania – link

TAG Mail – 16 August 2018
**Australian Commission on Safety and Quality in Health Care (ACSQHC)**
- CARAlert Summary Report 1 October 2017–31 March 2018

**Australian Institute for Health and Welfare (AIHW)**
- A collaborative approach to national surveillance for respiratory epidemics, including thunderstorm asthma epidemics - link
- Alcohol, tobacco & other drugs in Australia - link

**NHMRC**
- Debilitating Symptom Complexes Attributed to Ticks Targeted Call for Research (TCR) Closes 5:00pm (AEST) Wednesday 29 August 2018.
- Updates to the national guideline for stroke management - amendments concern the timing of endovascular thrombectomy for certain patients in response to new evidence – link
- Updates to the Australian immunisation handbook - amendments to the recommended use of meningococcal and Haemophilus influenzae type B vaccines – link
- Supporting women to breastfeed - The NHMRC Infant Feeding Guidelines
- Registrations now open for the 7th Annual NHMRC Symposium on Research Translation - link

**NSW Health Intranet**
- Safety Notice 011/18 - New formulation: Phenytoin (Dilantin®) capsules. SN 001/11 is available on the NSW Health website.
- Adult and Paediatric Hospital in the Home Guideline - link

**Agency for Healthcare Research and Quality (AHRQ) USA**
- Preventing dispensing errors by alerting for drug confusions in the pharmacy information system—a survey of users - link
- Outpatient opioid prescriptions for children and opioid-related adverse events - link

**NHS Improvement**
- Resources to support safe and timely management of hyperkalaemia - link
- King's Improvement Science: guide to evaluation resources - link
**National Institute for Health and Clinical Excellence (NICE) UK**
- Ixekizumab for treating active psoriatic arthritis after inadequate response to DMARDs – TA537
- Alectinib for untreated ALK-positive advanced non-small-cell lung cancer – TA536
- Lenvatinib and sorafenib for treating differentiated thyroid cancer after radioactive iodine – TA535
- Intermediate care including reablement- quality standard - QS173
- Endometriosis - Quality standard - QS172

**Picker Institute Europe**
- Always Events® Evaluation - Phase 4: Scale-up and spread July 2018 (aspects of the patient experience that are so important to patients and family members that health care providers must aim to perform them consistently for every individual, every time) - link

**Specialist Pharmacy Services**
- Adalimumab resources to use with patients - to support introduction of biosimilar adalimumab - link

**MEDICATION SAFETY**
**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- Stribild™ (elvitegravir, cobicistat, emtricitabine and tenofovir disoproxil) owing to interaction with cobicistat, DOAC (dabigatran, rivaroxaban, apixaban and edoxaban) concentrations may increase, with a potential increase in bleeding risk
  -- Genvoya™ (elvitegravir/ cobicistat/ emtricitabine tenofovir/ alafenamide) updated drug interactions between cobicistat-containing products and DOACs: co-administration with dabigatran is contraindicated and not recommended with apixaban/rivaroxaban/edoxaban; and contraindication of co-administration with lurasidone included.
  -- Exjade™ (deferasirox) updated to include severe forms of renal tubulopathy (e.g. Fanconi syndrome) and renal failure associated with changes in consciousness in the context of hyperammonaemic encephalopathy, mainly in children.
  -- Vistabel™ (botulinum toxin type A) appears as a thin white deposit that may be difficult to see on base of vial. Dry eye and localised muscle twitching/involuntary muscle contractions added as adverse events (frequency not known). Reconstitution information also updated.

**Food and Drug Administration (FDA) USA**
- New drug approvals
  -- Annovera™ (segesterone acetate and ethinyl estradiol vaginal system) vaginal ring for one year of birth control
  -- Onpattro™ (patisiran) infusion for the treatment of peripheral nerve disease (polyneuropathy) caused by hereditary transthyretin-mediated amyloidosis (hATTR) in adults.
  -- Arakoda™ (tafenoquine) for the prevention of malaria in patients aged 18 years and older
  -- Orkambi™ (lumacaftor/ivacaftor) to include use in children aged 2-5 years with cystic fibrosis (CF)
  -- Poteligeo™ (mogamulizumab-kpkc) for use in treatment of adult patients with relapsed or refractory mycosis fungoides (MF) or Sézary syndrome (SS) after at least one prior systemic therapy.
  -- Breakthrough Therapy Designation for Xolair™ (Omalizumab) for food allergies
  -- Galafold™ (migalastat), the first oral medication for the treatment of adults with Fabry disease
  -- Ryzodeg 70/30™ (insulin degludec and insulin aspart injection) 100 units/mL

**HealthCanada**
- Potential risk of cancer relapse in patients with cancer of the blood and lymph nodes who have undergone stem cell transplant and are taking long-term azithromycin (Zithromax™) - link

**Institute for Safe Medication Practices (ISMP) USA**
**Acute care: Medication Safety Alert!** [August 9, 2018]
-- Call to Action: Longstanding Strategies to Prevent Accidental Daily Methotrexate Dosing Must Be Implemented
-- ELIGARD label improvements needed
-- Import of potassium chloride injection
-- Kudos to PA Patient Safety Authority for requiring patient weights
-- Contrived drug names wreak havoc
-- New ISMP white paper helps support the role of the medication safety officer

**Medicines and Healthcare products Regulatory Agency (MHRA) UK**
- Guidance: Influenza post exposure prophylaxis and treatment: PGD templates - [link]

**TGA**
- [Valsartan](https://www.tga.gov.au) Safety advisory - products in Australia not affected by overseas recalls

**OTHER NEWS**

**Australian Prescriber**
- [Episode 26](https://www.aap.org.au) – Reducing medication errors at transitions of care
Professor Amanda Wheeler talks about medication errors at transitions of care and how these can be avoided

**CEC**
- Positions available
  - [Senior Improvement Lead](https://www.cecams.com), Medication Safety, FT permanent, closes 20 Aug 2018
  - [Medication Safety and Quality Officers](https://www.cecams.com) (2 positions) Backfill: Temporary full time or part time – closes 23rd Aug 2018

**CEC-AMS webinar**
- [Antimicrobial Prophylaxis Strategies in ICU by Professor Jeffrey Lipman](https://www.cecams.com)
Thurs 16 August 2018, 1:00 pm – 2:00 pm – register [here](https://www.cecams.com)

**eHealth NSW**
- 15 minute webinars on My Health Record over the next four months – [link](https://www.cecams.com) (overview [link](https://www.cecams.com))

**My Health Record**
- First date for [consumer opt-out](https://www.cecams.com) is 16 July and **ends on 15 October 2018**. A month after that, every Australian who has not opted out will have a record created for them - [link](https://www.cecams.com)

**NPS MedicineWise**
- [Starting, stepping down and stopping medicines](https://www.nps.com.au) - [link](https://www.nps.com.au)
- [Be Medicinewise Week](https://www.nps.com.au) 20-26 August 2018: Our families matter, so it’s important to make safe and wise decisions about medicines and health.

**Queensland Health**
- Project ECHO is an initiative sponsored by Queensland Health to increase opportunities for GPs and primary care clinicians to understand pain via videoconferencing. It provides medical education and case review. Register interest - [https://www.surveymonkey.com/r/PainEcho](https://www.surveymonkey.com/r/PainEcho) or Contact stephen.gilbert@health.qld.gov.au

**RACGP**

**Rare Cancers Australia**
- Launch of KnowledgeBase: [online](https://www.nps.com.au) information resource for patients and carers

**SHPA Webinars**
- August 22nd 1-2pm – Heart Foundation [Australian clinical guidelines for the diagnosis and management of atrial fibrillation 2018](https://www.nps.com.au)
- September 5th 1-2pm - Heart Foundation [Australian clinical guidelines for the management of heart failure 2018](https://www.nps.com.au)
PAPERS OF INTEREST
**American Diabetes Association - Diabetes care**
- Safety and Efficacy of Exenatide Once Weekly Plus Dapagliflozin Once Daily Versus Exenatide or Dapagliflozin Alone in Patients With Type 2 Diabetes Inadequately Controlled With Metformin Monotherapy: 52-Week Results of DURATION-8 RCT - link
- Efficacy and Safety of Dapagliflozin in Patients With Inadequately Controlled Type 1 Diabetes (the DEPICT-2 Study): 24-Week Results From a Randomized Controlled Trial – link

**American Heart Association**
- Management of Intraprocedural Anticoagulation in Patients on Non-Vitamin K Antagonist Oral Anticoagulants Undergoing Catheter Ablation for Atrial Fibrillation - link

**American Journal of Health-System Pharmacy (AHJP)**
- Implementation of patient-centered prescription labeling in a safety-net ambulatory care network - link
- ASHP national survey of pharmacy practice in hospital settings: Dispensing and administration—2017 - link
- Development and economic evaluation of a pharmacist-provided chronic care management service in an ambulatory care geriatrics clinic - link
- Treatment for Bipolar Disorder in Adults: A Systematic Review - link
- Nonsurgical Treatments for Urinary Incontinence in Women: A Systematic Review Update - link

**Australian Health Review**
- Mapping regulatory models for medicinal cannabis: a matrix of options - link
- Comparison of policies for recognising and responding to clinical deterioration across five Victorian health services - link

**British Journal of Clinical Pharmacology**
- Therapeutic Use of medicinal cannabis in difficult to manage epilepsy - link
- Anticholinergic exposure and cognitive decline in older adults: Effect of anticholinergic exposure definitions in a 3-year analysis of the Multidomain Alzheimer Preventive Trial (MAPT) study - link

**BMJ Quality and Safety**
- Facilitators of interdepartmental quality improvement: a mixed-methods analysis of a collaborative to improve pediatric community-acquired pneumonia management - link
- Making surgical wards safer for patients with diabetes: reducing hypoglycaemia and insulin errors - link

**Canadian Medical Association Journal (CMAJ)**
- Development and validation of a cardiovascular disease risk-prediction model using population health surveys: the Cardiovascular Disease Population Risk Tool (CVDPoRT) - link
- Anticonvulsants in the treatment of low back pain and lumbar radicular pain: a systematic review and meta-analysis - link

**Cochrane**
- Vitamin A and beta (β)-carotene supplementation for cystic fibrosis - link
- Sodium valproate versus phenytoin monotherapy for epilepsy: an individual participant data review - link
- Amphetamines for attention deficit hyperactivity disorder (ADHD) in adults - link
- Surgery versus thrombolysis for initial management of acute limb ischaemia - link
- Home parenteral nutrition for people with inoperable malignant bowel obstruction - link
- Enteral nutrition for maintenance of remission in Crohn's disease - link
- Hospitalisation in short-stay units for adults with internal medicine diseases and conditions - link

**European Journal of Hospital Pharmacy**
- Association of metabolic syndrome with non-thromboembolic adverse cardiac outcomes in patients with atrial fibrillation - link
- Understanding and expectation towards pharmaceutical care among patients, caregivers and pharmacy service providers: a qualitative study - link

**Internal Medicine Journal**
- Infliximab and adalimumab concentrations and anti-drug antibodies in inflammatory bowel disease control using New Zealand assays - link
- Outcomes of endovascular thrombectomy with and without bridging thrombolysis for acute large vessel occlusion ischaemic stroke - link
- A Contemporary Review of Severe Aortic Stenosis - link
- Hepatitis C treatment for difficult to access populations; can telementoring (as distinct from telemedicine) help? - link
- Outcomes of Patients Admitted to Hospital Medical Units with Back Pain - link

**International Journal for Quality in Health Care**
- The patient safety culture: a systematic review by characteristics of Hospital Survey on Patient Safety Culture dimensions - link

**JAMA**
- Effect of Ticagrelor Plus Aspirin, Ticagrelor Alone, or Aspirin Alone on Saphenous Vein Graft Patency 1 Year After Coronary Artery Bypass Grafting - A Randomized Clinical Trial - link
- Probiotics to Prevent Clostridium difficile Infection in Patients Receiving Antibiotics - link
- Type 2 Myocardial Infarction—Diagnosis, Prognosis, and Treatment - link

**JAMA Internal Medicine**
- Association of a Bundled Hospital-at-Home and 30-Day Postacute Transitional Care Program with Clinical Outcomes and Patient Experiences - link
- Association between Sodium-Glucose Cotransporter 2 Inhibitors and Lower Extremity Amputation among Patients with Type 2 Diabetes - link

**JAMA Network Open**
- Prevalence of and Factors Associated with Long-term Concurrent Use of Stimulants and Opioids among Adults with Attention-Deficit/Hyperactivity Disorder - link

**JAMA Neurology**
- Association of Intracranial Hemorrhage Risk with Non–Vitamin K Antagonist Oral Anticoagulant Use vs Aspirin Use - A Systematic Review and Meta-Analysis - link
- Safety and Efficacy of Fludrocortisone in the Treatment of Cerebral Salt Wasting in Patients With Tuberculous Meningitis - A Randomized Clinical Trial - link

**JAMA Oncology**
- Maintenance Treatment and Survival in Patients with Myeloma - A Systematic Review and Network Meta-analysis - link

**JAMA Otolaryngology–Head & Neck Surgery**
- Preoperative Tranexamic Acid for Treatment of Bleeding, Edema, and Ecchymosis in Patients Undergoing Rhinoplasty - A Systematic Review and Meta-analysis - link

**Journal of General Internal Medicine**
- Effects of Ivabradine on Hemodynamic and Functional Parameters in Left Ventricular Systolic Dysfunction: a Systematic Review and Meta-analysis - link

**Journal of Geriatric Society**
- Effects of Active Learning on Health Literacy and Behavior in Older Adults: A Randomized Controlled Trial - link

**Lancet**
- Comparative efficacy and tolerability of medications for attention-deficit hyperactivity disorder in children, adolescents, and adults: a systematic review and network meta-analysis - link
- Intravenous remifentanil patient-controlled analgesia versus intramuscular pethidine for pain relief in labour (RESPITE): an open-label, multicentre, randomised controlled trial - link
- Cladribine and low-dose cytarabine alternating with decitabine as front-line therapy for elderly patients with acute myeloid leukaemia: a phase 2 single-arm trial - link
- Bevacizumab and temozolomide in patients with first recurrence of WHO grade II and III glioma, without 1p/19q co-deletion (TAVAREC): a randomised controlled phase 2 EORTC trial - link
- Bendamustine followed by obinutuzumab and venetoclax in chronic lymphocytic leukaemia (CLL2-BAG): primary endpoint analysis of a multicentre, open-label, phase 2 trial - link
- Mogamulizumab versus vorinostat in previously treated cutaneous T-cell lymphoma (MAVORIC): an international, open-label, randomised, controlled phase 3 trial - link
- Amisulpride and olanzapine followed by open-label treatment with clozapine in first-episode schizophrenia and schizophreniform disorder (OPTiMiSE): a three-phase switching study - link

**New England Journal of Medicine**
- A fifth of people, who have no improvement on antidepressants at four weeks, respond if given more time - link
- Vitamin D Supplementation in Pregnancy and Lactation and Infant Growth - link
- Review article: Acute Viral Encephalitis - link
- Closed-Loop Insulin Delivery for Glycemic Control in Noncritical Care - link

**Neurology Journals**
- Longitudinal analysis of impulse control disorders in Parkinson disease - link

**Pediatrics (American Academy of Pediatrics)**
- Preventable Adverse Drug Events among Inpatients: A Systematic Review - link
- D-lactic Acidosis: Successful Suppression of D-lactate–Producing Lactobacillus by Probiotics - link

**Public Library of Science (PLOS)**
- Benzodiazepine prescribing for children, adolescents, and young adults from 2006 through 2013: A total population register-linkage study - link

**Schizophrenia Research**
- Maternal and paternal cannabis use during pregnancy and the risk of psychotic-like experiences in the offspring - link

**The Leading Health Systems Network (LHSN)**
- Hospital Antimicrobial Stewardship Programs: Review of Core Elements and Resource Recommendations - link

**The National Academies of Science Engineering Medicine**
- Building the Case for Health Literacy: Proceedings of a Workshop - link

**The Pharmaceutical Journal**
- A quick guide to medical cannabis - link

UPCOMING EVENTS
(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)
Nil new additions this week.
TAG Mail – 9 August 2018

REPORTS AND PUBLICATIONS – AUSTRALIA
**Australian Institute for Health and Welfare (AIHW)
- Sleeping rough: a profile of Specialist Homelessness Services clients - link
- Australia’s mothers and babies 2016-in brief - link

**Grattan Institute
- Mapping primary care in Australia - Report No. 2018-05, July 2018

**NSW Health Intranet
- Safety Notice 010/18 - Error in Pain score GL2018_014 Infants and Children: Management of Acute Pain in the Emergency Department

**TGA
- EpiPen 300 mcg adrenaline auto-injector 6/8/2018 Update - continuing constrained supply - link
- Database of section 19A approvals to import and supply medicines to address medicine shortages: 2/8/2018 update - link

REPORTS AND PUBLICATIONS – INTERNATIONAL
**Agency for Healthcare Research and Quality (AHRQ) USA
- Transforming concepts in patient safety: a progress report - link
- The national cost of adverse drug events resulting from inappropriate medication-related alert overrides in the United States - link
- Adverse effects of computers during bedside rounds in a critical care unit - link
- Trigger alerts associated with laboratory abnormalities on identifying potentially preventable adverse drug events in the intensive care unit and general ward - link
- Incident reporting to improve patient safety: the effects of process variance on pediatric patient safety in the emergency department - link
- Board of pharmacy practices related to medication errors and their potential impact on patient safety - link

**National Institute for Health and Clinical Excellence (NICE) UK
- Guideline NG102 Community pharmacies: promoting health and wellbeing
- Guideline TA534 Dupilumab for treating moderate to severe atopic dermatitis
- Quality Standard QS172 Endometriosis

MEDICATION SAFETY
**electronic Medicines Compendium (eMC)
- Revised SPCs:
  -- Kisplyx™ (lenvatinib): aortic dissection and impaired healing added (identified from post-marketing use). Consider temporary interruption of lenvatinib in patients undergoing major surgical procedures.
  -- Neupogen Singleject™ (filgrastim): aortitis reported rarely after G-CSF administration. Signs and symptoms may include fever, abdominal pain, malaise, back pain and increased inflammatory markers.
  -- Seroquel XL™ (quetiapine): Added stroke and Warnings/ precautions re increased risk of self-harm and suicide in patients aged 25-64 years, and caution when prescribing to elderly patients with Parkinson’s disease.
  -- Humira™ (adalimumab): Added lichenoid skin reaction (rare frequency).
  -- Tyverb™ (lapatinib): added pulmonary hypertension (unknown frequency).

**Food and Drug Administration (FDA) USA
- Warning re increased risk of cancer relapse with long-term use of azithromycin after donor stem cell transplant - link
- New drug approvals
-- Mulpleta™ (lusutrombopag) for thrombocytopenia in adults with chronic liver disease who are scheduled to undergo a procedure
-- Kerydin™ (tavaborole) topical solution, 5% for the treatment of onychomycosis of the toenails due to Trichophyton rubrum or Trichophyton mentagrophytes.

**Institute for Safe Medication Practices (ISMP) USA
- White Paper: The Case for Medication Safety Officers (MSO) - link

OTHER NEWS
**ACI
- Western Sydney University is offering a Clinical Research Fellowship Program (CRFP)
Submit applications to aci-research@health.nsw.gov.au by COB 8th of August.
Please contact Ivana Goluza Riddell (Tel (02)9412 8245, ivana.goluza@health.nsw.gov.au)

**Australian Prescriber
- August 2018 issue
- New Drug - Glecaprevir/pibrentasvir for hepatitis C
- Podcast Episode 30 – Fast-tracking of new drugs - Dr Paul Kubler on the pros and cons of fast-tracked approvals for new drugs – does it save patients or put their safety at risk?

**CEC
- Position available: Senior Improvement Lead, Medication Safety, FT permanent, closes 20 Aug 2018

**CEC-AMS webinar
- Antimicrobial Prophylaxis Strategies in ICU by Professor Jeffrey Lipman
Thurs 16 August 2018, 1:00 pm – 2:00 pm – register here

**eHealth NSW
- 15 minute webinars on My Health Record over the next four months – link (overview link)

**My Health Record
- First date for consumer opt-out is 16 July and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - link

**No Harm Done Podcast
- A podcast about improving, exploring, understanding and getting on with healthcare safety and quality - link

**NPS MedicineWise
- Starting, stepping down and stopping medicines - link
- Be Medicinewise Week 20-26 August 2018: Our families matter, so it’s important to make safe and wise decisions about medicines and health.

**RACGP
- Pain Management Network website, new tool for patients and healthcare professionals - link

**Rare Cancers Australia
- Launch of KnowledgeBase: online information resource for patients and carers

**SHPA Webinars
- August 22nd 1-2pm – Heart Foundation Australian clinical guidelines for the diagnosis and management of atrial fibrillation 2018
- September 5th 1-2pm - Heart Foundation Australian clinical guidelines for the management of heart failure 2018

PAPERS OF INTEREST
**American Diabetes Association - Diabetes care
- Incretin-Based Therapies and Diabetic Retinopathy: Real-World Evidence in Older U.S. Adults - link

**Arthritis and Rheumatology**
- The Impact of Targeted Rheumatoid Arthritis Pharmacologic Treatment on Mental Health - link

**American Journal of Health-System Pharmacy (AHJP)**
- Development and implementation of procedures for outpatient naloxone prescribing at a large academic medical center - link
- Impact of a pharmacy-driven transitions-of-care program on post discharge healthcare utilization at a national comprehensive cancer center - link
- A call to action for optimizing the electronic health record in the parenteral nutrition workflow - link

**British Journal of Clinical Pharmacology**
- Essential Diseases in prescribing: a national Delphi study towards a core curriculum in pharmacotherapy education - link

**BMJ Heart**
- Fixed-dose combination antihypertensives and risk of medication errors - link

**Cochrane**
- Interventions for fatigue in people with chronic kidney disease requiring dialysis - link
- Natalizumab for induction of remission in Crohn's disease - link
- Colloids versus crystalloids for fluid resuscitation in critically ill people - link
- Corticosteroids for preventing neonatal respiratory morbidity after elective caesarean section at term - link
- Mirtazapine for fibromyalgia in adults - link
- Progestogen for treating threatened miscarriage - link

**Critical Care Medicine**
- Corticosteroids in Sepsis: An Updated Systematic Review and Meta-Analysis - link
- Benzodiazepine Use and Neuropsychiatric Outcomes in the ICU: A Systematic Review - link

**European Journal of Hospital Pharmacy**
- High-dose quetiapine and therapeutic monitoring - link
- EAHP European Statements Survey 2017, focusing on sections 2 (Selection, Procurement and Distribution), 5 (Patient Safety and Quality Assurance) and 6 (Education and Research) - link

**Health Technology Assessment**
- Nicotine preloading for smoking cessation: the Preloading RCT - link

**Heart, Lung and Circulation**
- National Heart Foundation of Australia and the Cardiac Society of Australia and New Zealand: Australian Clinical Guidelines for the Diagnosis and Management of Atrial Fibrillation 2018- link
- National Heart Foundation of Australia and Cardiac Society of Australia and New Zealand: Guidelines for the Prevention, Detection, and Management of Heart Failure in Australia 2018 - link

**International Journal for Quality in Health Care**
- Successful Healthcare Improvements from Translating Evidence in complex systems (SHIFT-Evidence): simple rules to guide practice and research - link
- Translating evidence in complex systems: a comparative review of implementation and improvement frameworks - link
- Medication-related quality of care in residential aged care: an Australian experience - link

**International Psychogeriatric Association**
- Management of behavioral and psychological symptoms in people with Alzheimer's disease: an international Delphi consensus

**JAMA**
- Effect of a Remotely Delivered Tailored Multicomponent Approach to Enhance Medication Taking for Patients with Hyperlipidemia, Hypertension, and Diabetes: The STIC2IT Cluster Randomized Clinical Trial - link

**JAMA Cardiology**
- Comparison of Clinical Outcomes among Patients with Atrial Fibrillation or Atrial Flutter Stratified by CHA2DS2-VASc Score - link
- Association of Oral Contraceptives With Drug-Induced QT Interval Prolongation in Healthy Non menopausal Women - link
- Efficacy and Safety of Further Lowering of Low-Density Lipoprotein Cholesterol in Patients Starting With Very Low Levels - A Meta-analysis - link

**JAMA Neurology**
- Participation in Get with the Guidelines–Stroke and Its Association With Quality of Care for Stroke - link

**JAMA Psychiatry**
- Effect of Peer Comparison Letters for High-Volume Primary Care Prescribers of Quetiapine in Older and Disabled Adults - A Randomized Clinical Trial - link

**JAMA Surgery**
- Association of Opioid-Related Adverse Drug Events with Clinical and Cost Outcomes among Surgical Patients in a Large Integrated Health Care Delivery System - link

**Journal of Vascular Surgery**
- A systematic review of the efficacy of aspirin monotherapy versus other antiplatelet therapy regimens in peripheral arterial disease - link

**Lancet**
- Seminar: Autism spectrum disorder - link
- Seminar: Acute myeloid leukaemia - link
- Acute respiratory distress syndrome subphenotypes and differential response to simvastatin: secondary analysis of a randomised controlled trial - link

**Medical Journal of Australia**
- Guideline Summary from National Heart Foundation of Australia and Cardiac Society of Australia and New Zealand:
  --Australian clinical guidelines for the diagnosis and management of atrial fibrillation 2018
  --Australian clinical guidelines for the management of heart failure 2018

**New England Journal of Medicine**
- Safety and Side Effects of Rifampin versus Isoniazid in Children - link
- Four Months of Rifampin or Nine Months of Isoniazid for Latent Tuberculosis in Adults - link

**Pain**
- Perioperative lidocaine infusions for the prevention of chronic postsurgical pain: a systematic review and meta-analysis of efficacy and safety - link

**Pediatrics (American Academy of Pediatrics)**
- Efficacy of Propranolol between 6 and 12 Months of Age in High-Risk Infantile Hemangioma - link

**Paediatric Quality and Safety**
- 10,000 good catches: increasing safety event reporting in a pediatric health care system - link
**PROSPERO - International prospective register of systematic reviews**
- Evaluation of Coenzyme Q10 (Co-Q10) in Chronic Heart Failure (CHF): an international collaborative systematic review and individual participant data meta-analysis (IPD-MA) with linked economic evaluation and value of information (VOI) analysis - [link](#)
- Costs and outcomes of digital interventions (CODI) to promote and improve mental health: evidence review and synthesis, decision modelling and knowledge transfer - [link](#)

**Public Library of Science (PLOS)**
- Reducing the burden of dizziness in middle-aged and older people: A multifactorial, tailored, single-blind randomized controlled trial - [link](#)

**The Journal of Bone and Joint Surgery**
- Intravenous Versus Topical Tranexamic Acid in Total Knee Arthroplasty: Both Effective in a Randomized Clinical Trial of 640 Patients - [link](#)

**UPCOMING EVENTS**
(only recent additions will be listed in TAGMail - please click [here](#) for the running list of other upcoming events)

Nil new additions this week.

**TAG Mail – 1 August 2018**

**REPORTS AND PUBLICATIONS – AUSTRALIA**
**Australian Commission on Safety and Quality in Health Care (ACSQHC)**
- Changes to Australian Health Service Safety and Quality Accreditation (AHSSQA) Scheme - factsheets available [here](#)

**Australian Institute for Health and Welfare (AIHW)**
- Coordination of health care: experiences with GP care among patients aged 45 and over 2016 - [link](#)

**Clinical Excellence Commission (CEC) NSW**
- Medication Reconciliation Education Package for nurses and midwives - [link](#)

**NSW Health Intranet**
- Safety Notice **SN008/18** – Return of Patient’s own medications
- NSW Clinical Guidelines: Treatment of Opioid Dependence
- NSW Clinical Guidelines: Treatment of Opioid Dependence - Abbreviated Version

**TGA**
- Advisory Committee on Vaccines statement - [link](#)
- [Special Access Scheme Online System](#) - on 30 July 2018 an online system was introduced to enable the electronic submission of SAS applications and notifications to the TGA

**REPORTS AND PUBLICATIONS – INTERNATIONAL**
**Agency for Healthcare Research and Quality (AHRQ) USA**
- How common are cognitive errors in cases presented at emergency medicine resident morbidity and mortality conferences? - [link](#)
- Impact of multidisciplinary chart reviews on opioid dose reduction and monitoring practices - [link](#)
- Quality and the health system: becoming a high reliability organization - [link](#)
- The scope of drug-related problems in the home care setting - [link](#)
- Introduction of a mobile adverse event reporting system is associated with participation in adverse event reporting - [link](#)

**European Medicines Agency (EMA)**
- EMA restricts use of prostate cancer medicine Xofigo™ (radium-223 dichloride)
  Medicine to be used only after two previous treatments or when other treatments cannot be taken

**Food and Drug Administration (FDA) USA**
- New drug approvals
  -- Iobenguane I 131 (Azedra™) for rare neuroendocrine tumours
  -- Elagolix sodium (Orilissa™) for moderate to severe pain associated with endometriosis
  -- Doxercalciferol for secondary hyperparathyroidism in adult patients with chronic kidney disease on dialysis
  -- Fish oil triglycerides (Omegaven™) as a source of calories and fatty acids in pediatric patients with parenteral nutrition-associated cholestasis

**Health Quality & Safety Commission New Zealand**
- Health Quality & Safety Commission e-digest – Issue 86, 5–25 July 2018
- Evidence-scoping review – service transitions for mental health and addiction - link

**Institute for Healthcare Improvement**
- White Paper - IHI Innovation System - link

**NHS Improvement**
- Provisional publication of Never Events reported as occurring between 1 April and 30 June 2018

**National Institute for Health and Clinical Excellence (NICE) UK**
- Medicines management for people receiving social care in the community QS171

**Public Health England**
Lyme disease: management and prevention- link

**World Health Organisation (WHO)**
- WHO Europe Publication - Medicines Reimbursement policies in Europe - link
- WHO Drug Information - Volume 32, N° 2, 2018 - link
- Managing epidemics: Key facts about major deadly diseases - link

MEDICATION SAFETY
**Electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- Tivicay™ (doltegravir) & Triumeq™ (dolutegravir/abacavir/lamivudine): acute hepatic failure (rare).
  -- Samsca™ (tolvaptan): updated safety information on acute liver failure requiring liver transplantation.
  -- Zykadia™ (ceritinib): new information regarding hepatic impairment. Reduce dose in severe hepatic impairment.

**Health Canada**
- Imbruvica™ (ibrutinib): added risk of ventricular tachyarrhythmia

**Institute for Safe Medication Practices (ISMP) USA**
- Acute care: Medication Safety Alert! July 26, 2018
- Students Have a Key Role in a Culture of Safety: Analysis of Student-Associated Medication Incidents
- Worth repeating...Flushing IV tubing with unrecognized residual drug leads to adverse effects
- Entire bottle of nitroglycerin given, again!
- Video on safety culture!

**NIHR Signal**
- A reminder that too much oxygen increases mortality in acutely ill adults - link
**OTHER NEWS**

**ACI**
- ACI is advertising the following position: Network Manager, Pain Management
  Applications close 5th of August – link
- Western Sydney University is offering a Clinical Research Fellowship Program (CRFP)
  Submit applications to aci-research@health.nsw.gov.au by COB 8th of August.
  For further information please contact Ivana Goluza Riddell (Tel (02) 9412 8245 | ivana.goluza@health.nsw.gov.au)
- Aboriginal Chronic Conditions Network conference “Walk a mile in my shoes…do we ever factor in social determinants into how we deliver health care” 8th of August - register for the live stream option here

**CEC-AMS webinar**
- Antimicrobial Prophylaxis Strategies in ICU by Professor Jeffrey Lipman
  Thurs 16 August 2018, 1:00 pm – 2:00 pm – register here

**eHealth NSW**
- 15 minute webinars on My Health Record over the next four months – link (overview link)

**My Health Record**
- First date for consumer opt-out is 16 July and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - link

**No Harm Done Podcast**
- A podcast about improving, exploring, understanding and getting on with healthcare safety and quality - link

**NPS MedicineWise**
- Starting, stepping down and stopping medicines - link

**RACGP**
- Pain Management Network website, a new tool for patients and healthcare professionals - link

**Rare Cancers Australia**
- Launch of KnowledgeBase: online information resource for patients and carers

**PAPERS OF INTEREST**

**American Heart Association**
- Risk of Infective Endocarditis Due to Invasive Dental Procedures - A NICE Conclusion - link

**American Heart Journal**
- Safety of ticagrelor in patients with baseline conduction abnormalities: A PLATO (Study of Platelet Inhibition and Patient Outcomes) analysis - link

**American Journal of Health-System Pharmacy (AJHP)**
- Overview of betrixaban and its role in clinical practice - link
- Cost-effectiveness analysis of initial treatment strategies for mild-to-moderate Clostridium difficile infection in hospitalized patients - link
- Initial study of clinical pharmacy work prioritization tools - link
- Analysis of drug–drug interactions among patients receiving antiretroviral regimens using data from a large open-source prescription database - link
- ASHP–PPAG Guidelines for Providing Pediatric Pharmacy Services in Hospitals and Health Systems - link
- Association between prothrombin time and bleeding in hospitalized patients receiving rivaroxaban - link
- ASHP guidelines on managing drug product shortages - link
- Impact of a pharmacy-driven transitions-of-care program on postdischarge healthcare utilization at a national comprehensive cancer center - link
- A call to action for optimizing the electronic health record in the parenteral nutrition workflow - link

**Australian Prescriber** - link
- Editorial: Fast tracking new drugs: getting the balance right
- Combining anticoagulation and antiplatelet drugs in coronary artery disease
- Travelling with medicines
- Brief interventions for alcohol and other drug use
- Infantile colic
- Communication and ciprofloxacin-associated acute kidney injury

-- New drugs: atezolizumab for non-small cell lung cancer; guanfacine hydrochloride for attention deficit hyperactivity disorder; ocrelizumab for multiple sclerosis, palbociclib for breast cancer; silodosin for benign prostatic hypertrophy

**British Journal of Clinical Pharmacology**
- Personalized prediction model for seizure-free epilepsy with levetiracetam therapy: A retrospective data analysis using Support Vector Machine - link

**British Journal of General Practice**
- Processing of discharge summaries in general practice: a retrospective record review - link

**British Medical Journal (BMJ)**
- Patent foramen ovale closure, antiplatelet therapy or anticoagulation in patients with patent foramen ovale and cryptogenic stroke: a systematic review and network meta-analysis incorporating complementary external evidence - link
- Trends in outpatient antibiotic use and prescribing practice among US older adults, 2011-15: observational study - link

**BMJ Quality and Safety**
- Public reporting of antipsychotic prescribing in nursing homes: population-based interrupted time series analyses - link
- Characteristics of healthcare organisations struggling to improve quality: results from a systematic review of qualitative studies - link

**Cochrane**
- Beta-blockers and inhibitors of the renin-angiotensin aldosterone system for chronic heart failure with preserved ejection fraction - link
- Metformin for women who are overweight or obese during pregnancy for improving maternal and infant outcomes - link
- Early versus delayed antiretroviral treatment in HIV-positive people with cryptococcal meningitis - link
- Ear drops for the removal of ear wax - link
- Treatment for chronic methicillin-sensitive Staphylococcus aureus pulmonary infection in people with cystic fibrosis - link
- Heparin versus 0.9% sodium chloride locking for prevention of occlusion in central venous catheters in adults - link

**European Heart Journal**
- Early cardiovascular protection by initial two-drug fixed-dose combination treatment vs. monotherapy in hypertension - link
- Continued vs. interrupted direct oral anticoagulants at the time of device surgery, in patients with moderate to high risk of arterial thrombo-embolic events (BRUISE CONTROL-2) - link

**Heart**
- Chocolate consumption and risk of cardiovascular disease: a meta-analysis of prospective studies - link
- Cessation of dual antiplatelet and cardiovascular events following acute coronary syndrome - link
**Integrated Pharmacy Research and Practice**
- Longitudinal qualitative evaluation of pharmacist integration into the urgent care setting - link

**JAMA**
- Aspirin Plus Clopidogrel vs Aspirin Alone for Preventing Cardiovascular Events among Patients at High Risk for Cardiovascular Events - link
- Effect of Escitalopram vs Placebo Treatment for Depression on Long-term Cardiac Outcomes in Patients with Acute Coronary Syndrome: A Randomized Clinical Trial - link
- Association Between the New York Sepsis Care Mandate and In-hospital Mortality for Paediatric Sepsis- link

**JAMA Cardiology**
- Review: Obesity-Associated Heart Failure as a Theoretical Target for Treatment with Mineralocorticoid Receptor Antagonists - link

**JAMA Internal Medicine**
- Association of Statin Exposure with Histologically Confirmed Idiopathic Inflammatory Myositis in an Australian Population - link
- Assessment of Pragmatism in Recently Published Randomizes Clinical Trials- link

**JAMA Network Open**
- Effect of an Automated Patient Dashboard Using Active Choice and Peer Comparison Performance Feedback to Physicians on Statin Prescribing - The PRESCRIBE Cluster Randomized Clinical Trial

**JAMA Neurology**
- Safety and Efficacy of Atorvastatin for Chronic Subdural Hematoma in Chinese Patients A Randomized Clinical Trial - link
- Placebo Effects on the Neurologic Pain Signature: A Meta-analysis of Individual Participant Functional Magnetic Resonance Imaging Data- link

**JAMA Ophthalmology**
- Five-Year Outcomes of Panretinal Photocoagulation vs Intravitreous Ranibizumab for Proliferative Diabetic Retinopathy - A Randomized Clinical Trial - link

**JAMIA (Journal of the American Medical Informatics Association)**
- Evaluation of a recommender app for apps for the treatment of depression and anxiety: an analysis of longitudinal user engagement - link
- Monitoring for change: the role of family and friends in helping older adults manage personal health information - link
- Rethinking the outpatient medication list: increasing patient activation and education while architecting for centralization and improved medication reconciliation - link

**Journal of the American College of Cardiology**
- Epinephrine versus Norepinephrine for Cardiogenic Shock After Acute Myocardial Infarction - link

**Lancet**
- Effects of aspirin on risks of vascular events and cancer according to bodyweight and dose: analysis of individual patient data from randomised trials - link
- Apomorphine subcutaneous infusion in patients with Parkinson's disease with persistent motor fluctuations (TOLEDO): a multicentre, double-blind, randomised, placebo-controlled trial - link
- Esomeprazole and aspirin in Barrett's oesophagus (AspECT): a randomised factorial trial - link

**Maturatis**
- Phytoestrogen supplementation and body composition in postmenopausal women: A systematic review and meta-analysis of randomized controlled trials - link

**New England Journal of Medicine**
- PD-1 Blockade with Cemiplimab in Advanced Cutaneous Squamous-Cell Carcinoma - link

**PROSPERO** - International prospective register of systematic reviews
- Systematic review protocol: factors associated with COPD medication non-adherence to inhaler and oral medication - link

**Thrombosis and haemostasis**
- Reduced-dose direct oral anticoagulants in the extended treatment of venous thromboembolism: a systematic review and meta-analysis - link

**UPCOMING EVENTS**

(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)

**CPC Westmead Research and Networking Forum**
Theme: Impact of weight across lifespan
Mon 6 August 2018, 8.30am-1 pm, Charles Perkins Centre Westmead - register here

**Westmead Association: Medication Safety Symposium - Past, Present and Future**
Please note time changed to 9-12pm: Fri 31st August 2018, Westmead Education and Conference Centre, Westmead Hospital, RSVP by 24 August 2018 to georgette.hanna@health.nsw.gov.au

**42nd World Hospital Congress**
10 – 12 October 2018, Brisbane - link

**The 15th National Rural Health Conference**
24 - 27 March 2019, Hobart

**TAG Mail – 25 July 2018**

**REPORTS AND PUBLICATIONS – AUSTRALIA**

**Australian Commission on Safety and Quality in Health Care (ACSQHC)**
- Caring for Cognitive Impairment campaign resources - link

**Australian Institute for Health and Welfare (AIHW)**
- GRIM / MORT books & deaths
- Life expectancy and potentially avoidable deaths in 2014–2016 - link
- Physical activity across the life stages - link
- Chronic Conditions web compendium 2017-18 - link
- Back problems snapshot - link
- Diabetes snapshot - link
- Bronchiectasis snapshot - link
- Cardiovascular disease snapshot - link
- Asthma snapshot - link
- COPD (chronic obstructive pulmonary disease) snapshot - link
- Osteoarthritis snapshot - link
- Osteoporosis snapshot - link
- Arthritis snapshot - link

**Department of Health**
Implementing the Framework to guide the secondary use of My Health Record system data  
- [link]

**TGA**
- Sodium glucose co-transporter 2 inhibitors: Safety advisory - diabetic ketoacidosis and surgical procedures - [link]
- AusPARs
  -- Kanuma™ (sebelipase alfa (rce)) for long term enzyme replacement therapy (ERT) in patients of all ages with lysosomal acid lipase deficiency (LAL-D)

**Victorian Institute of Forensic Medicine**
- Future Leaders Communiqué – July

**REPORTS AND PUBLICATIONS – INTERNATIONAL**
**Agency for Healthcare Research and Quality (AHRQ) USA**
- Good Catch Campaign: improving the perioperative culture of safety - [link]
- Point-of-care cognitive support technology in emergency departments: a scoping review of technology acceptance by clinicians - [link]
- Impact of an antiretroviral stewardship strategy on medication error rates - [link]
- A conceptual framework to reduce inpatient preventable deaths - [link]

**American Hospital Association**
- Governance Leadership of Quality: Confronting Realities and Creating Tension for Change. A self-assessment tool - [link]

**Brains Trust UK**
- The Brain Tumour Patient Guide - [link]

**Care Quality Commission**
- The safer management of controlled drugs - Update report for 2017 (published July 2018) - [link]

**Health Quality & Safety Commission New Zealand**
- Evidence-scoping review – service transitions for mental health and addiction - [link]

**Joint Commission**
- We Will Not Compete on Safety: How Children's Hospitals Have Come Together to Hasten Harm Reduction - [link]

**National Institute for Health and Clinical Excellence (NICE) UK**
- Early and locally advanced breast cancer: diagnosis and management (NG101) – guidance
- Pembrolizumab for untreated PD-L1-positive metastatic non-small-cell lung cancer (TA531) - guidance
- NICE Indicator Programme - [link]

**Specialist Pharmacy Services**
- NOACs and Antidepressants – What are the risks of using these together and how should these risks be managed? - [link]
- In use product safety assessment report for intravenous paracetamol in paediatrics - [link]

**The Health Foundation**
- Health Foundation submission: Public Accounts Committee inquiry – the health and social care interface - [link]

**Therapeutics Initiative Canada**
- [112] Antidepressant Withdrawal Syndrome

**World Health Organisation (WHO)**
- WHO recommendations: intrapartum care for a positive childbirth experience - [link]
**MEDICATION SAFETY**

**electronic Medicines Compendium (eMC)**

- Revised SPCs:
  - Arthrotec™ (diclofenac sodium and misoprostol): revised warnings relating to teratogenicity and possible risks with exposure during pregnancy.
  - Protopic™ (tacrolimus): butylhydroxytoluene (E321), an excipient, may cause local skin reactions (e.g. contact dermatitis), or irritation to the eyes and mucous membranes.
  - Dalacin™ (clindamycin): added pseudomembranous colitis as ADR (frequency not known).
  - Saizen™ (somatropin) – women may require higher doses than men, especially if on oral oestrogen replacement. Warning re scoliosis: more frequent in some patient groups treated with somatropin; rapid growth in a child can also cause progression of scoliosis
  - Xarelto™ (rivaroxaban): DRESS syndrome noted in post-marketing reports (frequency very rare). Interaction with fluconazole/erythromycin/clarithromycin not clinically relevant in most patients but potentially significant in high-risk patients.

**Food and Drug Administration (FDA) USA**

- New drug approvals
  - Ribociclib (Kisqali™) for pre/perimenopausal with HER2-negative advanced breast cancer and in combination with fulvestrant for postmenopausal women
  - Tafenoquine (Krintafel™) - for radical cure (prevention of relapse) of Plasmodium vivax malaria in patients aged 16 years and older who are receiving appropriate antimalarial therapy for acute P. vivax infection
  - Filgrastim-aafi (Nivestym™) biosimilar
  - Breakthrough Therapy Designation for Tecentriq™ (atezolizumab) in combination with Avastin™ (bevacizumab) as an initial (first-line) treatment for people with advanced or metastatic hepatocellular carcinoma (HCC) - link
  - Ivosidenib (Tibsovo™) for adult patients with relapsed or refractory acute myeloid leukemia (AML) who have a specific genetic mutation
  - Loteprednol etabonate ophthalmic gel 0.5% (Lotemax™) for post-operative inflammation and pain following ocular surgery

**Medicines and Healthcare products Regulatory Agency (MHRA) UK**

- Darunavir boosted with cobicistat: avoid use in pregnancy due to risk of treatment failure and maternal-to-child transmission of HIV-1
- Eltrombopag (Revolade™): reports of interference with bilirubin and creatinine test results

**OTHER NEWS**

**ACI is advertising the following position: Network Manager, Pain Management**
Applications close 5th of August – link

**Australian Prescriber podcast**

- Episode 29 – Neuropathic pain with Dr Bridin Murnion – what’s changed and why are opioids relegated to third-line treatment?

**CEC-AMS webinar**

- Antimicrobial Prophylaxis Strategies in ICU by Professor Jeffrey Lipman
  Thurs 16 August 2018, 1:00 pm – 2:00 pm – register here

**eHealth NSW**

- 15 minute webinars on My Health Record over the next four months – link (overview link)

**My Health Record**

First date for consumer opt-out is 16 July and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them -
- Pain Management Network website, a new tool for patients and healthcare professionals - link

**Rare Cancers Australia**
-Launch of KnowledgeBase: online information resource for patients and carers

**Sydney Health Partners - Rapid Applied Research Translation (RART) program**
$2 Million in New Grant Opportunities Now Available – closes 30th July 2018 - link

PAPERS OF INTEREST
**American Journal of Medical Quality**
- Barriers and Benefits to the Use of Patient-Reported Outcome Measures in Routine Clinical Care: A Qualitative Study - link
- A Department of Medicine Infrastructure for Patient Safety and Clinical Quality Improvement - link

**American Journal of Health-System Pharmacy (AHJP)**
- A dynamic risk model for inpatient falls - link

**Annals of Internal Medicine**
- Risks and Benefits of Marijuana Use: A National Survey of U.S. Adults - link

**British Journal of Clinical Pharmacology**
- Fosfomycin as a potential therapy for the treatment of systemic infections: a population pharmacokinetic model to simulate multiple dosing regimens - link
- PDE5 inhibitors – pharmacology and clinical applications 20 years after sildenafil discovery - link
- Hospital readmissions, mortality and potentially inappropriate prescribing: a retrospective study of older adults discharged from hospital - link
- Incidence and cost of medication harm in older adults following hospital discharge: a multicentre prospective study in the UK - link
- Long-term adverse effects of paracetamol – a review - link
- Medical cannabis: aligning use to evidence-based medicine approach - link
- Stakeholders’ views and experiences of pharmacist prescribing: a systematic review - link
- An Alternative Intermittent Eltrombopag Dosing Protocol for Treatment of Chronic Immune Thrombocytopenia - link
- Gadolinium deposition and the potential for toxicological sequelae – a literature review of issues surrounding gadolinium-based contrast agents - link
- Target site pharmacokinetics of doxycycline for rosacea in healthy volunteers is independent of food-effect (PI Markus Zeitlinger) - link

**British Medical Journal (BMJ)**
- Evidence and tips on the use of medication compliance aids - link
- Sulfonylureas as second line drugs in type 2 diabetes and the risk of cardiovascular and hypoglycaemic events: population based cohort study - link

- BMJ Drugs and Therapeutics Bulletin
- What role for metformin in type 1 diabetes? - link
- Ocrelizumab for multiple sclerosis - link

**BMJ Open**
- Reducing the anticholinergic and sedative load in older patients on polypharmacy by pharmacist-led medication review: a randomised controlled trial - link
- Identifying prevalence and risk factors for metformin non-persistence: a retrospective cohort study using an electronic health record - link

**BMJ Quality and Safety**
- Implementation of a colour-coded universal protocol safety initiative in Guatemala - link
- Reorganisation of stroke care and impact on mortality in patients admitted during weekends: a national descriptive study based on administrative data - [link]
- Task errors by emergency physicians are associated with interruptions, multitasking, fatigue and working memory capacity: a prospective, direct observation study - [link]
- Connecting perspectives on quality and safety: patient-level linkage of incident, adverse event and complaint data - [link]

**Clinics in Geriatric Medicine**
Special issue: Care for the Older Adult in the Emergency Department
- Common Medication Management Approaches for Older Adults in the Emergency Department - [link]
- Older Adult Falls in Emergency Medicine—A Sentinel Event - [link]
- Delirium and Dementia - [link]
- Care of Geriatric Patients with Advanced Illnesses and End-of-Life Needs in the Emergency Department - [link]
- Behavioral Health Needs of Older Adults in the Emergency Department - [link]
- An Approach to the Older Patient in the Emergency Department - [link]

**Cochrane**
- Omega-3 fatty acids for the primary and secondary prevention of cardiovascular disease - [link]
- Polyunsaturated fatty acids for the primary and secondary prevention of cardiovascular disease - [link]
- Omega-6 fats for the primary and secondary prevention of cardiovascular disease - [link]
- Continuation versus discontinuation of antiplatelet therapy for bleeding and ischaemic events in adults undergoing non-cardiac surgery - [link]
- Blood pressure-lowering treatment for preventing recurrent stroke, major vascular events, and dementia in patients with a history of stroke or transient ischaemic attack - [link]
- Pembrolizumab monotherapy versus chemotherapy for treatment of advanced urothelial carcinoma with disease progression during or following platinum-containing chemotherapy. A Cochrane Rapid Review - [link]
- Interventions for the eradication of meticillin-resistant Staphylococcus aureus (MRSA) in people with cystic fibrosis - [link]
- Vitamin D as an adjunct to antibiotics for the treatment of acute childhood pneumonia - [link]
- Blood pressure targets for the treatment of people with hypertension and cardiovascular disease - [link]
- Multifactorial and multiple component interventions for preventing falls in older people living in the community - [link]

**Internal Medicine Journal**
- A randomised controlled trial of patient information leaflets as a medication counselling aid - [link]

**International Journal for Quality in Health Care**
- Balancing measures: identifying unintended consequences of diabetes quality performance measures in patients at high risk for hypoglycemia - [link]
- Impact of drug storage systems: a quasi-experimental study with and without an automated-drug dispensing cabinet - [link]

**JAMA**
- Probiotics to Prevent Clostridium difficile Infection in Patients Receiving Antibiotics - [link]

**JAMA Cardiology**
- Incidence of Atrial Fibrillation and Mineralocorticoid Receptor Activity in Patients With Medically and Surgically Treated Primary Aldosteronism - [link]

**JAMA Network Open**
- Association of Osteoporosis Medication Use After Hip Fracture With Prevention of Subsequent Nonvertebral Fractures: An Instrumental Variable Analysis - [link]
**JAMA Oncology**
- Complementary Medicine, Refusal of Conventional Cancer Therapy, and Survival Among Patients With Curable Cancers - [link](#)
- Monthly High-Dose Vitamin D Supplementation and Cancer Risk: A Post Hoc Analysis of the Vitamin D Assessment Randomized Clinical Trial - [link](#)

**JAMA Otolaryngology–Head & Neck Surgery**
- Development of Multimodal Analgesia Pathways in Outpatient Thyroid and Parathyroid Surgery and Association With Postoperative Opioid Prescription Patterns - [link](#)

**JAMA Surgery**
- Association of Lowering Default Pill Counts in Electronic Medical Record Systems With Postoperative Opioid Prescribing - [link](#)

**JAMIA (Journal of the American Medical Informatics Association)**
- Rethinking the outpatient medication list: increasing patient activation and education while architecting for centralization and improved medication reconciliation - [link](#)
- Informatics for all: from provider-to-patient-based applications that can include family and friends - [link](#)
- Provider and patient satisfaction with the integration of ambulatory and hospital EHR systems - [link](#)

**Journal of the American College of Cardiology**
- Fatal or Irreversible Bleeding and Ischemic Events With Rivaroxaban in Acute Coronary Syndrome - [link](#)

**Journal of Clinical Oncology**
- Sirolimus for Secondary Prevention of Skin Cancer in Kidney Transplant Recipients: 5-Year Results - [link](#)

**Lancet**
- Review: Advances in the medical treatment of Cushing’s syndrome - [link](#)
- Seminar: HIV - [link](#)
- Pre-diagnosis and post-diagnosis use of common analgesics and ovarian cancer prognosis (NHS/NHSII): a cohort study - [link](#)
- The effect of chloroquine dose and primaquine on Plasmodium vivax recurrence: a Worldwide Antimalarial Resistance Network systematic review and individual patient pooled meta-analysis - [link](#)
- Canagliflozin and renal outcomes in type 2 diabetes: results from the CANVAS Program randomised clinical trials - [link](#)

**National Institute for Health Research (NIHR)**
- Increasing inhaled steroids for short periods reduces asthma exacerbations - [link](#)
- Lamotrigine is not effective for the treatment of borderline personality disorder - [link](#)

**New England Journal of Medicine**
- A Randomized Trial of Epinephrine in Out-of-Hospital Cardiac Arrest - [link](#)
- Review article: Psychotic Disorders - [link](#)
- Clopidogrel and Aspirin in Acute Ischemic Stroke and High-Risk TIA - [link](#)
- A Phase 3 Trial of l-Glutamine in Sickle Cell Disease - [link](#)
- Procalcitonin-Guided Use of Antibiotics for Lower Respiratory Tract Infection - [link](#)

**UPCOMING EVENTS**
Nil additions

*(only recent additions will be listed in TAGMail - please click [here](#) for the running list of other upcoming events)*
TAG Mail – 18 July 2018

REPORTS AND PUBLICATIONS – AUSTRALIA

**AHHA**
- Integrated information networks to support end-of-life care in general practice - [link](#)

**Australian Institute for Health and Welfare (AIHW)**
- Overlap between youth justice supervision and alcohol and other drug treatment services: 1 July 2012 to 30 June 2016 - [link](#)
- Mental health services in Australia - [link](#)

**PBS**
- Information about Government initiatives to encourage the use of biosimilars - [link](#)

**TGA**
- Additional risk mitigation activities following a new safety review of montelukast - [link](#)
- AusPARs
  -- **Adalimumab** (Amgevita™) approved biosimilar for rheumatoid arthritis and juvenile idiopathic arthritis
  -- **Cladribine** (Mavenclad™) for relapsing remitting multiple sclerosis (RRMS) to reduce the frequency of clinical relapses and to delay the progression of physical disability.
  -- **Insulin degludec / Insulin aspart** (Ryzodeg™ 70/30 FlexTouch; Ryzodeg™ 70/30 Penfill) approved to improve glycaemic control in adult patients with diabetes mellitus requiring basal and prandial insulin.
  -- **Dupilumab** (Dupixent™) for the treatment of moderate to severe atopic dermatitis in adult patients who are candidates for chronic systemic therapy. Dupixent is not intended for episodic use.

REPORTS AND PUBLICATIONS – INTERNATIONAL

**Agency for Healthcare Research and Quality (AHRQ) USA**
- Impact of an inpatient electronic prescribing system on prescribing error causation: a qualitative evaluation in an English hospital - [link](#)
- Medication administration and interruptions in nursing homes: a qualitative observational study - [link](#)
- More than a feeling: the role of empathetic care in promoting safety in health care - [link](#)
- Teamwork in healthcare: key discoveries enabling safer, high-quality care - [link](#)
- Intravenous smart pumps: usability issues, intravenous medication administration error, and patient safety - [link](#)
- Safety, performance, and satisfaction outcomes in the operating room: a literature review - [link](#)
- Medication for opioid use disorder after nonfatal opioid overdose and association with mortality: a cohort study - [link](#)
- The impact of pharmacists-led medicines reconciliation on healthcare outcomes in secondary care: a systematic review and meta-analysis of randomized controlled trials - [link](#)
- Medicine and the rise of the robots: a qualitative review of recent advances of artificial intelligence in health - [link](#)

**Care Quality Commission**
- Learning from Never Events: July 2018 update - [interim update](#)

**National Institute for Health and Clinical Excellence (NICE) UK**
- Guideline **NG99** Brain tumours (primary) and brain metastases in adults
- Guideline **NG100** Rheumatoid arthritis in adults: management
- Quality Standard **QS33** Rheumatoid arthritis in over 16s
- Atezolizumab for untreated PD-L1-positive locally advanced or metastatic urothelial cancer when cisplatin is unsuitable- updated guidance (}
MEDICATION SAFETY
**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- Fampyra™ (*fampridine*): includes potential adverse effects: influenza (common), nasopharyngitis (common), viral infection (common)
  -- Ibuprofen: includes drug reaction with eosinophilia and systemic symptoms (DRESS) (frequency unknown)
  -- Stivarga™ (*regorafenib*): includes peripheral neuropathy (common adverse event (≥1/100 to <1/10)).
  -- Onglyza™ (*saxagliptin*): dosing for patients with GFR<30 is no longer contraindicated and maximum daily dose is now 2.5mg. Moderate renal impairment is now defined as GFR >30 to <45mL/min. Trial data on renal impairment have been updated.
  -- Vipdomet™ (*alogliptin and metformin*): serious adverse reactions include acute pancreatitis and hypersensitivity reactions (Stevens-Johnson syndrome, anaphylactic reactions, angioedema) and is attributed to alogliptin. Lactic acidosis may occur very rarely and is attributed to metformin.
  -- Granocyte™ (*lenograstim*): included aortitis (rare ADR). Symptoms include fever, abdominal pain, malaise, back pain and increased inflammatory markers (e.g. CRP, white cell count). In most cases, aortitis was diagnosed by CT scan and generally resolved after withdrawal of G-CSF.

**Food and Drug Administration (FDA) USA**
- FDA updates warnings for fluoroquinolone antibiotics in US - risks of mental health and low blood sugar adverse reactions
- New drug approvals
  -- XTANDI™ (*enzalutamide*): indications broadened to include patients with both non-metastatic and metastatic castration-resistant prostate cancer
  -- YERVOY™ (*ipilimumab*): new indication for use in combination with nivolumab (also approved for the same new indication), for the treatment of adults and pediatric patients 12 years and older with microsatellite instability-high (MSI H) or DNA mismatch repair deficient (dMMR), metastatic colorectal cancer that has progressed following treatment with a fluoropyrimidine, oxaliplatin, and irinotecan.

**Institute for Safe Medication Practices (ISMP) USA**
- Acute care: Medication Safety Alert! July 12, 2018
  --Survey Results: Smart Pump Data Analytics - Pump Metrics that Should Be Monitored to Improve Safety
  --DOBUTamine concentration mix-ups
  --Wrong formulation for amphotericin B eye drops
  --Confusion with error-prone abbreviation, tPA

**Other News**
**CEC** is advertising the following position: Improvement Lead, Adult Patient Safety Program Applications close 25th July 2018 - link

**Sydney Health Partners - Rapid Applied Research Translation (RART) program**
$2 Million in New Grant Opportunities Now Available – closes 30th July 2018 - link

**My health Record**
First date for **consumer opt-out is 16 July** and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - [link](#)

**eHealth NSW**
- 15 minute webinars on My Health Record over the next four months – [link](#) (overview [link](#))

**NSW Falls Prevention Network - FREE webinars**
- Tuesday 24th July, commencing at 1 pm, Dr Jasmine Menant, Dizziness and falls
- Tuesday 21st August, commencing at 1 pm, Dr Morag Taylor, Cognitive impairment and falls

**RACGP**
- Pain Management Network website, a new tool for patients and healthcare professionals - [link](#)

**MJA Podcasts**
- Episode 60: Severe asthma, with Prof Peter Gibson
- Episode 61: Enhanced influenza vaccines, with Prof Kristine Macartney

**Rare Cancers Australia**
- Launch of KnowledgeBase: [online](#) information resource for patients and carers

**PAPERS OF INTEREST**

**American Diabetes Association - Diabetes Care**
- Differences Between Randomized Clinical Trial Patients and Real-World Initiators of the Glucagon-Like Peptide 1 Receptor Agonist Liraglutide - [link](#)

**American Heart Association**
- Effects of Sacubitril/Valsartan Versus Irbesartan in Patients with Chronic Kidney Disease: A Randomised Double-Blind Trial - [link](#)

**American Journal of Preventative Medicines**
- Isoniazid-Rifapentine for Latent Tuberculosis Infection: A Systematic Review and Meta-analysis - [link](#)

**American Thoracic Society**
- Intensified Therapy with Inhaled Corticosteroids and Long-Acting β2-Agonists at the Onset of Upper Respiratory Tract Infection to Prevent Chronic Obstructive Pulmonary Disease Exacerbations. A Multicenter, Randomized, Double-Blind, Placebo-controlled Trial - [link](#)

**Arthritis and Rheumatology**
- Sustained Response Following Discontinuation of Methotrexate in Patients with Rheumatoid Arthritis Treated with Subcutaneous Tocilizumab - [link](#)

**American Journal of Health-System Pharmacy (AHJP)**
- ASHP-HOPA guidelines on the roles and responsibilities of the pharmacy technician in ambulatory oncology pharmacy - [link](#)
- Updating formulations for compounded oral liquid medications in a university health system - [link](#)

**British Journal of Clinical Pharmacology**
- Development of a Standardized Chart Review Method to Identify Drug-Related Hospital Admissions in Older People - [link](#)
- Model-based assessment of the benefits and risks of recombinant tissue plasminogen activator treatment in acute ischaemic stroke - [link](#)
- The Pharmacokinetics and the Pharmacodynamics of Cannabinoids - [link](#)

**British Medical Journal (BMJ)**
- Implementation of a whole of hospital sepsis clinical pathway in a cancer hospital: impact on sepsis management, outcomes and costs - link
- Anticoagulation therapy in patients with stroke and atrial fibrillation: a registry-based study of acute stroke care in Surrey, UK - link
- Impact of 2017 ACC/AHA guidelines on prevalence of hypertension and eligibility for antihypertensive treatment in United States and China: nationally representative cross sectional study - link
- Risks of ovarian, breast, and corpus uteri cancer in women treated with assisted reproductive technology in Great Britain, 1991-2010: data linkage study including 2.2 million person years of observation - link

**BMJ Heart**
- Prevalence and treatment of atrial fibrillation in UK general practice from 2000 to 2016 - link
- Outcomes in anticoagulated patients with atrial fibrillation and with mitral or aortic valve disease - link

**Cochrane**
- Local anaesthetics and regional anaesthesia versus conventional analgesia for preventing persistent postoperative pain in adults and children - link
- Botulinum toxins for the prevention of migraine in adults - link
- Pharmacological treatment for attention deficit hyperactivity disorder (ADHD) in children with comorbid tic disorders - link
- Interventions for chronic non-hypovolaemic hypotonic hyponatraemia - link
- Prophylactic use of ergot alkaloids in the third stage of labour - link
- Antibiotics for exacerbations of asthma - link
- Pharmacological therapies for management of opium withdrawal - link
- Mobile phone-based interventions for improving adherence to medication prescribed for the primary prevention of cardiovascular disease in adults - link
- Saline irrigation for allergic rhinitis - link
- Clobazam monotherapy for focal or generalized seizures - link
- Anticoagulation for perioperative thromboprophylaxis in people with cancer - link
- Calcium channel blockers for preventing cardiomyopathy due to iron overload in people with transfusion-dependent beta thalassaemia - link
- Antiplatelet and anticoagulant agents for primary prevention of thrombosis in individuals with antiphospholipid antibodies - link

**Diabetes, Obesity and Metabolism, A Journal of Pharmacology and Therapeutics**
- Efficacy and safety of alirocumab among individuals with diabetes mellitus and atherosclerotic cardiovascular disease in the ODYSSEY phase 3 trials - link

**European Urology**
- Efficacy and Tolerability of Mirabegron Compared with Antimuscarinic Monotherapy or Combination Therapies for Overactive Bladder: A Systematic Review and Network Meta-analysis - link

- Electronic Health Records Associated With Lower Hospital Mortality After Systems Have Time To Mature - link

**Infection, Disease & Health**
- Surgical antibiotic prophylaxis – The evidence and understanding its impact on consensus guidelines - link

**International Journal for Quality in Health Care**
- Implementation of medication-related indicators of potentially preventable hospitalizations in a national chronic disease management program for older patients with multimorbidity - link
- Sepsis now a priority: a quality improvement initiative for early sepsis recognition and care - link
- A centralized automated-dispensing system in a French teaching hospital: return on investment and quality improvement - link
**JAMA**
- Effect of Alteplase vs Aspirin on Functional Outcome for Patients with Acute Ischemic Stroke and Minor Non-disabling Neurologic Deficits. The PRISMS Randomized Clinical Trial - [link](#)

**JAMA Internal Medicine**
- Quality and Quantity of Sleep and Factors Associated with Sleep Disturbance in Hospitalized Patients - [link](#)

**JAMA Network Open**
- Estimated Change in Prevalence of Hypertension in Nepal Following Application of the 2017 ACC/AHA Guideline - [link](#)
- Health, Polysubstance Use, and Criminal Justice Involvement among Adults with Varying Levels of Opioid Use - [link](#)

**JAMA Surgery**
- Prevalence of Preoperative Opioid Use and Characteristics Associated with Opioid Use among Patients Presenting for Surgery - [link](#)

**Journal of the American Medical Directors Association**
- The Development of a Decision Tool for the Empiric Treatment of Suspected Urinary Tract Infection in Frail Older Adults: A Delphi Consensus Procedure - [link](#)

**JAMIA (Journal of the American Medical Informatics Association)**
- Transition to a new electronic health record and pediatric medication safety: lessons learned in pediatrics within a large academic health system - [link](#)
- Using drug knowledgebase information to distinguish between look-alike-sound-alike drugs - [link](#)

**Journal of the American College of Cardiology**
- Anticoagulation and Antiplatelet Strategies after On-X Mechanical Aortic Valve Replacement - [link](#)

**Journal of Drugs in Dermatology**
- Frequency of Treatment Switching for Spironolactone Compared to Oral Tetracycline-Class Antibiotics for Women with Acne: A Retrospective Cohort Study 2010-2016 - [link](#)

**Journal of Patient Safety**
- Impact of Inpatient Harms on Hospital Finances and Patient Clinical Outcomes - [link](#)

**Lancet**
- Effects of aspirin on risks of vascular events and cancer according to bodyweight and dose: analysis of individual patient data from randomised trials - [link](#)
- The role of glucocorticoids as adjunctive treatment for sepsis in the modern era - [link](#)
- Pretreatment prediction of response to ursodeoxycholic acid in primary biliary cholangitis: development and validation of the UDCA Response Score - [link](#)
- Lancet Series: Testosterone treatment in older men: clinical implications and unresolved questions from the Testosterone Trial - [link](#)
- Comparative efficacy of treatments for Clostridium difficile infection: a systematic review and network meta-analysis - [link](#)

**Medical Journal of Australia**
- Patterns of poisoning exposure at different ages: the 2015 annual report of the Australian Poisons Information Centres - [link](#)

**National Institute for Health Research (NIHR)**
- Alternative sedative reduces the risk of acute kidney injury following cardiac surgery - [link](#)
- One week of steroids may be as effective as two weeks in managing severe COPD - [link](#)
- Self-monitoring improves control of high blood pressure compared with GP monitoring alone - [link](#)
**New England Journal of Medicine**
- Chronic Limb-Threatening Ischemia - link
- Prevention of M. tuberculosis Infection with H4:IC31 Vaccine or BCG Revaccination - link
- Tailoring Adjuvant Endocrine Therapy for Premenopausal Breast Cancer - link

**Pediatrics (American Academy of Pediatrics)**
- Outpatient Opioid Prescriptions for Children and Opioid-Related Adverse Events - link
- The National Opioid Epidemic and the Risk of Outpatient Opioids in Children - link
- Adverse Events in Hospitalized Pediatric Patients - link
- Rectal Levothyroxine for the Treatment of Hypothyroidism: A Case Study - link

**Paediatric Quality and Safety**
- Using a Pediatric Trigger Tool to Estimate Total Harm Burden Hospital-acquired Conditions Represent - link

**PROSPERO - International prospective register of systematic reviews**
-- The effectiveness of interventions to reduce the risk of type 2 diabetes among women with gestational diabetes: a systematic review
-- Acceptability, usability and functionality of digital health interventions for adults with depressive, anxiety and somatoform disorders: a qualitative systematic review
-- Regimens of vitamin D supplementation for women during pregnancy - link

**Public Library of Science (PLOS)**
- Efficacy of melatonin with behavioural sleep-wake scheduling for delayed sleep-wake phase disorder: A double-blind, randomised clinical trial - link

**Rural and Remote Health**
- Meeting the challenge for effective antimicrobial stewardship programs in regional, rural and remote hospitals – what can we learn from the published literature? - link
**The Journal of Arthroplasty**
- The Efficacy of Tranexamic Acid in Total Knee Arthroplasty: A Network Meta-Analysis - link

**UPCOMING EVENTS**
(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)

**National Pain Week 2018 - Official launch and National Pain Survey results announced**
23 July 2018 10-12pm, Sydney Park Pavilion, RSVP ben@chronicpainaustralia.org.au by Fri 20 July.

**Pain Interest Group Nursing Issues - Annual Professional Development Day**
Friday 21st Sept 2018, 8 – 4pm, at the Sydney Masonic Centre - link

**Westmead Association: Medication Safety Symposium - Past, Present and Future**
Fri 31st August 2018, 2 - 5pm, Westmead Education and Conference Centre, Westmead Hospital, RSVP by 24 August 2018 to georgette.hanna@health.nsw.gov.au

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**REPORTS AND PUBLICATIONS – AUSTRALIA**
**Australian Institute for Health and Welfare (AIHW)**
- Hospitalised assault injuries among men and boys - link
- Hospitalised injury due to land transport crashes - link
- Development of a veteran-centred model: a working paper - link
- Aboriginal and Torres Strait Islander health organisations: Online Services Report—key results 2016–17 - link
- Better Cardiac Care measures for Aboriginal and Torres Strait Islander people: third national report 2017

**TGA – Labelling & packaging**
- New warnings on labels of medicines containing neuromuscular blocking agents - link
- Medicine labels: Guidance on TGO 91 and TGO 92 - link
- Presentation at the National Medicines Symposium, 30 May 2018 - The revised requirements for advertisements for medicines containing Schedule 3 substances
- International work-sharing pilot: Apalutamide (Erlyand®) - first medicine to be registered on the ARTG that has been evaluated under the Australia-Canada-Singapore-Switzerland (ACSS) Consortium’s New Chemical Entities Work Sharing Pilot.
- AusPARs
  -- Suvorexant (Belsomra™) –for insomnia, characterised by difficulties with sleep onset and/or sleep maintenance. Following treatment initiation, continuation should be re-evaluated after 3 months
  -- Pembrolizumab (rhc) (Keytruda™) - for first-line treatment of patients with metastatic non-small cell lung carcinoma (NSCLC) whose tumours express PD-L1 with a ≥ 50% tumour proportion score (TPS) using validated test, with no EGFR or ALK genomic tumour aberrations. Also for treatment of patients with advanced NSCLC whose tumours express PD-L1 with a ≥ 1% TPS using validated test and who have received platinum-containing chemotherapy. Patients with EGFR or ALK genomic tumour aberrations should have received prior therapy for these aberrations prior to Keytruda™.
  -- Tofacitinib (as citrate) (Xeljanz™) - for treatment of moderate to severe active rheumatoid arthritis in adults who have had an inadequate response or are intolerant to methotrexate
  -- Lisdexamfetamine dimesilate (Vyvanse™) –for treatment of Binge Eating Disorder (BED)

**REPORTS AND PUBLICATIONS – INTERNATIONAL**
**Agency for Healthcare Research and Quality (AHRQ) USA**
- Provider perspectives on partnering with parents of hospitalized children to improve safety - link
- Unplanned early hospital readmission among critical care survivors: a mixed methods study of patients and carers - link

**MHRA**
- Dolutegravir (Tivicay™, Triumeq™, Juluca™): signal of increased risk of neural tube defects; do not prescribe to women seeking to become pregnant; exclude pregnancy before initiation and advise use of effective contraception - link

**National Institute for Health and Clinical Excellence (NICE) UK**
- Crizotinib for ROS1-positive advanced non-small-cell lung cancer – guidance (TA529)
- Niraparib for maintenance treatment of relapsed, platinum-sensitive ovarian, fallopian tube and peritoneal cancer – guidance (TA528)
- Nivolumab for locally advanced unresectable or metastatic urothelial cancer after platinum-containing chemotherapy – guidance (TA530)
- The Respiratory Infections Team – a novel paradigm in the management of community-acquired pneumonia - link

**Specialist Pharmacy Services**
- New Medicines Newsletter June 2018 - link
- Medicines Use and Safety Update July 2018 - link
- WHO Good Practice Repository - link

**The Joint Commission**
- Pain assessment and management standards for critical access hospitals – link

**WHO Essential medicines and health products**
- Development of the road map on access to medicines and vaccines 2019-2023 - link
- Pilot Procedure for Prequalification of Biotherapeutic Products and Similar Biotherapeutic Products – link
- Improving affordability and effectiveness of cancer medicines - link
**MEDICATION SAFETY**

- Electronic Medicines Compendium (eMC)
  - Xenidate XL (methylphenidate): Checklist before prescribing
  - Risk minimisation material: Duodopa® (levodopa/carbidopa) intestinal gel: Best practice patient aftercare guidance
  - Revised SPCs:
    - Xeplion™ (paliperidone): Somnambulism (frequency rare) and sleep related eating disorder (unknown frequency) added as adverse drug reactions.
    - cetirizine: Hepatitis added as adverse effect (unknown frequency).
    - Samsca™ (tolvaptan): includes as contraindication, hypersensitivity to benzazepine or benzazepine derivatives (e.g. benazepril, conivaptan, fenoldopam mesylate or mirtazapine), as these patients may be at risk of hypersensitivity to tolvaptan.
    - Diprivan™ (propofol): benefits & risks of procedure should be considered prior to proceeding with repeated or prolonged use (>3 hours) of propofol in young children (<3 years) and in pregnant women due to reports of neurotoxicity in preclinical studies.
    - Keytruda™ (pembrolizumab): pericarditis and pericardial effusion added as uncommon potential adverse effects.
    - Xgeva™ (denosumab): includes new primary malignancy as a common potential adverse effect when used in patients with benign or malignant neoplasms.
    - Mogadon™ (nitrazepam): updated with warning about concomitant use with opioids (CUO). Due to risk of sedation/respiratory depression/coma/death. CUO should be reserved for when other treatments are not possible, at lowest effective dose for shortest duration.
    - Humira™ (adalimumab): data from prospectively collected pregnancies exposed to adalimumab does not indicate increase in the rate of malformation in the newborn. Can be used during breastfeeding.
    - Nexavar™ (sorafenib): Decreases in blood glucose, in some cases clinically symptomatic and requiring hospitalisation, reported. Check blood glucose levels in diabetic patients regularly in order to assess appropriate dose of antidiabetics.
    - leuprorelin acetate: Interstitial lung disease added as adverse effect (unknown frequency).

**FDA**

- New drug approvals
  - Xeomin™ (incobotulinumtoxinA) approved for adult patients with sialorrhea
  - Signifor LAR™ (pasireotide) approved for treatment of patients with Cushing’s disease for whom pituitary surgery is not an option or has not been curative.
  - Olumiant™ (Baricitinib) approved for rheumatoid arthritis

**OTHER NEWS**

- Australian Prescriber Podcast
  - Episode 28 – A RUM deal for unwanted medicines

- CEC-AMS
  - Changing from intravenous to oral antibiotics – information for parents and carers is now available in other languages - [link](#)
  - New sepsis guidelines for newborns and paediatrics
    - Paediatric Antibiotic Guideline for Severe Sepsis and Septic Shock and Unwell Neonates
    - Newborn Antibiotic Guideline for early and late onset sepsis during birth episode of care
  - AMS webinars series – click [here](#) to register
  - First webinar: AMS in the Emergency Department, 11 July 2018, 1:00 – 2:00 pm

- Look-alike packaging alert
  - MSD packaging of Ivanz 1g (ertapenem) and Primaxin 500mg (imipenem)

- MOVE muscle, bone & joint health
  - mHealth (mobile health) for chronic disease management - [link](#) (additional [link](#))

- My Health Record
First date for **consumer opt-out is 16 July** and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - [link](#)

**eHealth NSW**
- 15 minute webinars on My Health Record over the next four months – [link](#) (overview [link](#))

**NSW Falls prevention Network** - FREE webinars
- Tuesday 24th July, commencing at 1 pm, Dr Jasmine Menant, Dizziness and falls
- Tuesday 21st August, commencing at 1 pm, Dr Morag Taylor, Cognitive impairment and falls

**RACGP**
- Pain Management Network website, a new tool for patients and healthcare professionals - [link](#)

**Sydney Morning Herald**
- The Economist: Hospitals are learning from industry how to cut medical errors - [link](#)

PAPERS OF INTEREST

**American Journal of Health-System Pharmacy (AHJP)**
- Prospective daily review of discharge medications by pharmacists: Effects on measures of safety and efficiency - [link](#)
- Evaluation of a transitional care pharmacist intervention in a high-risk cardiovascular patient population - [link](#)
- A rare fungus on the rise: Candida auris - [link](#)
- Impact of a pharmacist–physician collaborative care model on patient outcomes and health services utilization - [link](#)
- Clinical and financial effects of smart pump–electronic medical record interoperability at a hospital in a regional health system - [link](#)
- Prevalence of wireless smart-pump drug library update delays - [link](#)

**Annals of Internal Medicine**
- Comparative Benefits and Harms of Basal Insulin Analogues for Type 2 Diabetes: A Systematic Review and Network Meta-analysis - [link](#)
- Cross-sex Hormones and Acute Cardiovascular Events in Transgender Persons: A Cohort Study - [link](#)

**British Journal of Clinical Pharmacology**
- Drugs for treating severe hypertension in pregnancy: a network meta-analysis and trial sequential analysis of randomized clinical trials - [link](#)
- Co-administration of proton pump inhibitors and/or of steroids may be a risk factor for low trough concentrations of posaconazole delayed-released tablets in adult patients with hematological malignancies - [link](#)
- Increased risk of all-cause mortality associated with domperidone use in Parkinson's patients: a population-based cohort study in the UK - [link](#)
- The 'top 100' drugs and classes in England: An updated 'starter formulary' for trainee prescribers - [link](#)
- Adverse effects of a single dose of gentamicin - [link](#)
- Cannabis Contaminants - sources, distribution, human toxicity and pharmacologic effects - [link](#)

**British Medical Journal (BMJ)**
- Risks and benefits of direct oral anticoagulants versus warfarin in a real world setting: cohort study in primary care - [link](#)

**BMJ Open** - Patient-centred medicine research
- Continuity of care with doctors—a matter of life and death? A systematic review of continuity of care and mortality - [link](#)

**British Journal of General practice**
- Variation in anticoagulation for atrial fibrillation between English clinical commissioning groups: an observational study – link

**Cochrane**
- Effectiveness and safety of switching IBD patients from the originator to the biosimilar infliximab - link
- Antifibrinolytic therapy for preventing oral bleeding in people on anticoagulants undergoing minor oral surgery or dental extractions - link
- Acute tocolysis for uterine tachysystole or suspected fetal distress - link
- Ketorolac for postoperative pain in children - link
- Injectable local anaesthetic agents for dental anaesthesia - link

**European Heart Journal**
- A 10 year study of hospitalized atrial fibrillation-related stroke in England and its association with uptake of oral anticoagulation - link

**European Journal of Hospital Pharmacy**
- Comparison of pharmacy technicians’ and doctors’ medication transcribing errors at hospital discharge - link
- Maintenance use of non-steroidal anti-inflammatory drugs and risk of gastrointestinal cancer in a nationwide population-based cohort study in Sweden - link
- Impact of a specialist mental health pharmacy team on medicines optimisation in primary care for patients on a severe mental illness register: a pilot study - link

**Internal Medicine Journal**
- Making sense of newer treatment options for type 2 diabetes - link
- Biosimilars are coming: ready or not - link
- Outcomes of cinacalcet withdrawal in Australian dialysis patients - link
- INR monitoring in the community populations of the Auckland and Northland regions of New Zealand: time in therapeutic range and frequency of testing - link

**Institute for Public Policy Research**
- Better health and care for all: A 10-point plan for the 2020s - The final report of the Lord Darzi Review of Health and Care - link

**JAMA**
- Testosterone Prescribing in the United States, 2002-2016, Research letter – link
- Evaluating Health Technology Through Pragmatic Trials: Novel Approaches to Generate High-Quality Evidence - link
- Effect of Alteplase vs Aspirin on Functional Outcome for Patients with Acute Ischemic Stroke and Minor Nondisabling Neurologic Deficits., The PRISMS Randomized Clinical Trial – link

**JAMA Internal Medicine**
- Effect of Electronic Health Record–Based Medication Support and Nurse-Led Medication Therapy Management on Hypertension and Medication Self-management, A Randomized Clinical Trial – link

**Journal of Bone and Mineral Research**
- Association of Alendronate and Risk of Cardiovascular Events in Patients with Hip Fracture - link

**Journal of Health Services Research & Policy**
- A logic model for pharmaceutical care - link
- What constitutes meaningful engagement for patients and families as partners on research teams? - link

**Journal of Patient Safety and Risk Management**
- “SACCIA Safe Communication”: Five core competencies for safe and high-quality care - link
**Lancet**
- Effect of bedaquiline on mortality in South African patients with drug-resistant tuberculosis: a retrospective cohort study - [link](#)
- Second-generation antipsychotic drugs and short-term mortality: a systematic review and meta-analysis of placebo-controlled randomised controlled trials - [link](#)

**NEJM**
- Human-Centered Design and Performance Improvement: Better Together - [link](#)

**Pediatrics (American Academy of Pediatrics)**
- Safety Surveillance of Diphtheria and Tetanus Toxoids and Acellular Pertussis (DTaP) Vaccines - [link](#)
- Cardiometabolic Risk Factors at 5 Years after Omega-3 Fatty Acid Supplementation in Infancy - [link](#)

**PROSPERO - International prospective register of systematic reviews**
- Effects of multifactorial interventions for the prevention of falls in older adults living in the community: a systematic review - [link](#)

**UPCOMING EVENTS**
(only recent additions will be listed in TAGMail - please click [here](#) for the running list of other upcoming events)

**Interactive webcast: My Health Record in Tertiary and Metropolitan Hospital Settings**
Webinar, 12th July 6:00 PM - 6:45 PM - [link](#)

**Centre for Primary Health Care and Equity** - 2 free half-day seminars
Role of lay and community health workers in improving access to health and social care for those who need it most. 25th & 26th July at UNSW, Sydney - [link](#)

**Children's Healthcare Australasia (CHA) 2 Day Medication Safety event**
26 – 27 July 2018, Lady Cilento Children's Hospital, South Brisbane - [link](#)

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**REPORTS AND PUBLICATIONS – AUSTRALIA**
**Australian Commission on Safety and Quality in Health Care (ACSQHC)**
- End of Life Audit Toolkit – [link](#)
- Reducing inappropriate use of antipsychotics - [link](#)

**AHHA**
- The Health Advocate – [June 2018](#)

**Australian Institute for Health and Welfare (AIHW)**
- Australia's hospitals at a glance 2016–17 - [link](#)
- Hospital resources 2016–17: Australian hospital statistics - [link](#)
- Non-admitted patient care 2016–17: Australian hospital statistics - [link](#)
- MyHospitals: Healthcare-associated Staphylococcus aureus bloodstream (SAB) infections in Australian private hospitals in 2016–17 (Web) - [link](#)
- MyHospitals: Hospital services in 2016–17 - [link](#)

**CATAG**
- Guiding Principles for the governance of Medicines Access Programs in Australian hospitals. Version 2, June 2018 - [link](#)

**TGA**
- Changeover to Therapeutic Goods Advertising Code 2018 - link
- Launch of new advertising hub and online complaints form - link
- Medicines Safety Update, Volume 9, Number 2, June 2018
  -- Misadventures in oral methotrexate dosing
  -- Medicines associated with a risk of neuropsychiatric adverse events
  -- Clozapine and gastrointestinal effects

REPORTS AND PUBLICATIONS – INTERNATIONAL
**Agency for Healthcare Research and Quality (AHRQ) USA**
- Using drug knowledgebase information to distinguish between look-alike-sound-alike drugs - link
- 10,000 good catches: increasing safety event reporting in a pediatric health care system - link
- A systems approach to identify factors influencing adverse drug events in nursing homes - link
- Four states with robust prescription drug monitoring programs reduced opioid dosages - link
- A multi-hospital before–after observational study using a point-prevalence approach with an infusion safety intervention bundle to reduce intravenous medication administration errors - link

**British National Formulary (BNF)**
- June BNF/BNFC eNewsletter - link

**Health Canada**
-- June issue of the Health Product InfoWatch

**Canadian Agency for Drugs and Technologies in Health**
- Management of Diabetes in Long-Term Care Facilities: Guidelines - link
- e-Therapy Interventions for the Treatments of Substance Use Disorders and Other Addictions: A Review of Clinical Effectiveness - link

**Care Quality Commission**
- New resources to help health and care providers learn from safety incidents - link

**National Institute for Health and Clinical Excellence (NICE) UK**
- Beta interferons and glatiramer acetate for treating multiple sclerosis – guidance (TA527)
- Spondyloarthritis- quality standard (QS170)

**Royal College of Physicians of London**
- Hiding in plain sight: Treating tobacco dependency in the NHS - link

**The Joint Commission**
- New Performance Measures for Primary Stroke Centers – link
- R3 Report Issue 17: Distinct newborn identification requirement – link
- National quality program achieves improvements in safety culture and reduction in preventable harms in community hospitals - link

**World Health Organisation**
- Carbetocin: WHO study shows drug could save thousands of women's lives – link

MEDICATION SAFETY
**electronic Medicines Compendium (eMC)**
- Revised SPCs:
  -- Propecia™ (finasteride): Anxiety added as an adverse drug reaction (unknown frequency)
  -- Praluent™ (alirocumab): Flu-like illness added as an adverse drug reaction (unknown frequency)

**Food and Drug Administration (FDA) USA**
- New drug approvals
  -- plazomicin for complicated urinary tract infection, but reject use in bloodstream infection
-- combination of encorafenib and binimetinib for treatment of BRAF-mutant advanced, unresectable or metastatic melanoma - link

**Institute for Safe Medication Practices (ISMP) USA**
- Acute care: Medication Safety Alert! June 28, 2018
- ISMP National Vaccine Errors Reporting Program Part II: Preparing for Immunization Activities and Campaigns
- Global regulators and safety advocates meet about drug container labeling and packaging
- Mepolizumab (Nucala™) 100 mg vial has significant overfill
- Inpatient ketamine overdose with 503B compounded syringe

**OTHER NEWS**

**CEC-AMS**
- Changing from intravenous to oral antibiotics – information for parents and carers is now available in other languages - link
- New sepsis guidelines for newborns and paediatrics
  - Paediatric Antibiotic Guideline for Severe Sepsis and Septic Shock and Unwell Neonates
  - Newborn Antibiotic Guideline for early and late onset sepsis during birth episode of care
- AMS webinars series – click here to register
- First webinar: AMS in the Emergency Department, 11 July 2018, 1:00 – 2:00 pm

**NSW Falls Prevention Network - FREE webinars**
- Tuesday 24th July, commencing at 1 pm, Dr Jasmine Menant: Dizziness and falls
- Tuesday 21st August, commencing at 1 pm, Dr Morag Taylor: Cognitive impairment and falls

**MIMS.co.uk**
- New MIMS table summarises monitoring requirements for lipid-lowering drugs

**MOVE muscle, bone & joint health**
- mHealth (mobile health) for chronic disease management - link (additional link)

**RACGP**
- Pain Management Network website, a new tool for patients and healthcare professionals - link

**My Health Record**
First date for consumer opt-out is 16 July and ends on 15 October 2018. A month after that, every Australian who has not opted out will have a record created for them - link

**PAPERS OF INTEREST**

**Age and Ageing**
- Lower blood pressure during antihypertensive treatment is associated with higher all-cause mortality and accelerated cognitive decline in the oldest-old. Data from the Leiden 85-plus Study - link

**American Diabetes Association - Diabetes care**
- Diabetes Technology Update: Use of Insulin Pumps and Continuous Glucose Monitoring in the Hospital - link

**American Heart Association**
- Cardiovascular and Renal Outcomes with Canagliflozin According to Baseline Kidney Function: Data from the CANVAS Program - link
- Outcomes Associated with Apixaban Use in End-Stage Kidney Disease Patients with Atrial Fibrillation in the United States - link

**American Journal of Psychiatry**
- Continuation of Atypical Antipsychotic Medication During Early Pregnancy and the Risk of Gestational Diabetes -
**American Journal of Health-System Pharmacy (AHJP)**
- Implementation of patient-centered prescription labeling in a safety-net ambulatory care network - link

**Annals of Internal Medicine**
- Hypertension in Pregnancy and Subsequent Cardiovascular Risk - link
- Marijuana Use, Respiratory Symptoms, and Pulmonary Function: A Systematic Review and Meta-analysis - link

**British Journal of Clinical Pharmacology**
- An Evidence-Based Systematic Review of the Off-Label Uses of Lisinopril - link
- Therapeutic drug monitoring guided definition of adherence profiles in resistant hypertension and identification of predictors of poor adherence - link
- Clinical issues in cannabis use - link
- Mycophenolic acid concentrations in peripheral blood mononuclear cells are associated with the incidence of rejection in renal transplant recipients - link
- Can doctors identify older patients at risk of medication harm following hospital discharge? A multicentre prospective study in the UK - link
- Detecting a potential safety signal of antidepressants and type 2 diabetes: a pharmacovigilance-pharmacodynamic study - link

**BMC Pharmacology and Toxicology**
- Causality and preventability assessment of adverse drug events of antibiotics among inpatients having different lengths of hospital stay: a multicenter, cross-sectional study in Lahore, Pakistan - link
- Inflammation down-regulates CYP3A4-catalysed drug metabolism in hemodialysis patients - link
- Stent thrombosis associated with drug eluting stents on addition of cilostazol to the standard dual antiplatelet therapy following percutaneous coronary intervention: a systematic review and meta-analysis of published randomized controlled trials - link
- Long-term persistence of withdrawal of temazepam, zopiclone, and zolpidem in older adults: a 3-year follow-up study - link
- Determinants of adherence and effects on health-related quality of life after myocardial infarction: a prospective cohort study - link
- Comprehensive pharmaceutical care to prevent drug-related readmissions of dependent-living elderly patients: a randomized controlled trial - link

**British Medical Journal (BMJ)**
- Continuity of care with doctors—a matter of life and death? A systematic review of continuity of care and mortality - link
- Risk of meticillin resistant Staphylococcus aureus and Clostridium difficile in patients with a documented penicillin allergy: population based matched cohort study - link
- Development of a clinical pharmacy model within an Australian home nursing service using co-creation and participatory action research: the Visiting Pharmacist (ViP) study - link
- Prospective external validation of the Predicting Out-of-OFfice Blood Pressure (PROOF-BP) strategy for triaging ambulatory monitoring in the diagnosis and management of hypertension: observational cohort study - link

**BMJ Heart**
- Reaching cardiovascular prevention guideline targets with a polypill-based approach: a meta-analysis of randomised clinical trials - link

**BMJ Quality and Safety**
- Speaking up about patient safety concerns: the influence of safety management approaches and climate on nurses’ willingness to speak up - link
- Developing a hospital-wide quality and safety dashboard: a qualitative research study - link

**Clinical Journal of Pain**
- Efficacy of 8 Different Drug Treatments for Patients with Trigeminal Neuralgia: A Network Meta-analysis – [link](#)

**Cochrane Library**
- Antifibrinolytic therapy for preventing oral bleeding in people on anticoagulants undergoing minor oral surgery or dental extractions - [link](#)

**European Heart Journal**

**European Journal of Hospital Pharmacy**
- Do we need to adopt antifungal stewardship programmes? - [link](#)

**Internal Medicine Journal**
- Effectiveness of Biologics in Australian Patients with Rheumatoid Arthritis: A Large Observational Study: REAL - [link](#)
- Vitamin C deficiency in Australian hospitalized patients: an observational study - [link](#)

**JAMA**
- Annual Risk of Major Bleeding Among Persons Without Cardiovascular Disease Not Receiving Antiplatelet Therapy – [link](#)
- Screening for Osteoporosis to Prevent Fractures - [link](#)

**JAMA Archives of Internal Medicine**
- A Multicenter Study of Patient-Reported Infectious and Noninfectious Complications Associated with Indwelling Urethral Catheters - [link](#)

**JAMA Cardiology**
- Changes in the Association of Rising Infective Endocarditis with Mortality in People Who Inject Drugs, Research Letter - [link](#)

**JAMA Internal Medicine**
- Association of Metformin Use with Risk of Lactic Acidosis Across the Range of Kidney Function, A Community-Based Cohort Study – [link](#)
- Effect of Increased Inpatient Attending Physician Supervision on Medical Errors, Patient Safety, and Resident Education, A Randomized Clinical Trial – [link](#)

**JAMA Pediatrics**
- Effectiveness of Live Attenuated vs Inactivated Influenza Vaccines in Children during the 2012-2013 through 2015-2016 Influenza Seasons in Alberta, Canada, A Canadian Immunization Research Network (CIRN) Study – [link](#)

**JAMA Psychiatry**
- Neurobiology of Opioid Use Disorder and Comorbid Traumatic Brain Injury – [link](#)

**JAMA Surgery**
- Association of Heparin-Induced Thrombocytopenia with Bacterial Infection in Trauma Patients, Research Letter – [link](#)
**Journal of the American College of Surgeons**
Statewide collaborative to reduce surgical site infections: results of the Hawaii Surgical Unit-Based Safety Program - [link](#)

**Journal of the American Geriatrics Society**
- Use of Antiepileptic Drugs and Dementia Risk—an Analysis of Finnish Health Register and German Health Insurance Data - [link](#)

**Journal of Clinical Oncology**
- Systemic Therapy for Patients with Advanced Human Epidermal Growth Factor Receptor 2–Positive Breast Cancer: [ASCO Clinical Practice Guideline Update](#)

**Journal of Patient Safety**
- A Systematic Review of Primary Care Safety Climate Survey Instruments: Their Origins, Psychometric Properties, Quality, and Usage - [link](#)

**Lancet**
- HIV treatment in pregnancy - [link](#)
- Continuous low-dose antibiotic prophylaxis for adults with repeated urinary tract infections (AnTIC): a randomised, open-label trial - [link](#)

**Longwoods Healthcare Quarterly**
- The Burden of Repeat Prescribing Medications after a Related Adverse Drug Event - [link](#)

**Medical Journal of Australia**
- Absolute cardiovascular disease risk and lipid-lowering therapy among Aboriginal and Torres Strait Islander Australians - [link](#)

**National Institute for Health Research (NIHR)**
- Fewer side-effects and similar benefits from shorter chemotherapy after bowel cancer surgery - [link](#)
- Opioid drugs are no better than standard painkillers for long-term back and joint pain - [link](#)
- Fish oil supplements are ineffective for treating dry eyes - [link](#)
- Oral ibuprofen may be an option for closing patent ductus arteriosus in premature babies - [link](#)
- Cannabis derivative may reduce seizures in some severe drug-resistant epilepsies, but adverse events increase - [link](#)

**New England Journal of Medicine**
- Closed-Loop Insulin Delivery for Glycemic Control in Noncritical Care - [link](#)
- Enzalutamide in Men with Non-metastatic, Castration-Resistant Prostate Cancer - [link](#)
- Combined Analysis of Asthma Safety Trials of Long-Acting β2-Agonists - [link](#)
- Prophylaxis against Upper Gastrointestinal Bleeding in Hospitalized Patients - [link](#)

**Prescrire – French Medical Journal**
- Statins in primary cardiovascular prevention: Little benefit, documented harms and many uncertainties regarding long-term use - [link](#)
- In the July/August issue of Prescrire International: pembrolizumab (Keytruda™) in Hodgkin lymphoma with no further treatment options - [link](#)
- Prescrire's review of drug packaging in 2017: some progress, but many risks remain - [link](#)
- Multiple sclerosis: a drug that should never have been authorised - [link](#)
- Drugs for Alzheimer's disease: finally delisted in France! - [link](#)

**UPCOMING EVENTS**
(only recent additions will be listed in TAGMail - please click here for the running list of other upcoming events)
**Australian Institute of Health Innovation, Macquarie University ‘Engaging patients in new ways: the PROSPECT Study’ Presenter Dr David Bates.**
27th July 12.30-1.30pm, Continuum Room, Level 3, 75 Talavera Rd, Macquarie University – [link](#)

**Residential Aged Care Communique Seminar: Young People in Residential Aged Care Services**
Friday 31st August 2018, The Alfred, Melbourne Victoria - [link](#)

**7th World Congress of Clinical Safety (7WCCS)**
Theme: Sustainable health care and management
7 (Fri) - 8 (Sat) September 2018, Best Western Hotel Bern, Bern, Switzerland - [link](#)

**The Centre for Primary Health Care and Equity UNSW Annual Forum (free)**
John Niland Scientia Building at UNSW on Wednesday 19 September, 9 - 1pm -