TAG Mail 2017 (January - June)

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

TAG Mail - 29 March 2017

REPORTS AND PUBLICATIONS – AUSTRALIA

**ACSQHC
- Patient Decision Aids

**TGA
- Pregnancy test kits: TGA review of home-use kits
- Scheduling delegate’s final decisions (medicines and poisons), March 2017
- Medical devices and IVDs: Cancellations from the ARTG

REPORTS AND PUBLICATIONS – INTERNATIONAL

**CADTH
- Icatibant for Patients with Type III Hereditary Angioedema: An Updated Review of Clinical Effectiveness and Harms
  https://www.cadth.ca/icatibant-patients-type-iii-hereditary-angioedema-updated-review-clinical-effectiveness-and-harms
- Topical Antibiotics for Infected Dermatitis: A Review of the Clinical Effectiveness and Guidelines
  https://www.cadth.ca/topical-antibiotics-infected-dermatitis-review-clinical-effectiveness-and-guidelines
- Intramuscular versus Intravenous Administration of Analgesics and Sedatives: Comparative Clinical Effectiveness and Guidelines
  https://www.cadth.ca/intramuscular-versus-intravenous-administration-analgesics-and-sedatives-comparative-clinical

**FDA
- Avelumab (Bavencio™) approved for the treatment of adults and pediatric patients 12 years and older with metastatic Merkel cell carcinoma (MCC)
  https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm548278.htm
- Niraparib (Zejula™) approved for the maintenance treatment of adult patients with recurrent epithelial ovarian, fallopian tube or primary peritoneal cancer
  https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm548948.htm
- Dupilumab (Dupixent™) injection approved to treat adults with moderate-to-severe eczema
  https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm549078.htm
Health Quality and Safety Commission New Zealand
- Hospital infection rates now known following introduction of ICNet™ at Canterbury DHB

**NICE**
- Familial breast cancer: classification, care and managing breast cancer and related risks in people with a family history of breast cancer
  https://www.nice.org.uk/guidance/cg164

**NIHR Signal**
- Nurses and pharmacists can prescribe as effectively as doctors
  https://discover.dc.nihr.ac.uk/portal/article/4000614/nurses-and-pharmacists-can-prescribe-as-effectively-as-doctors

**MEDICATION SAFETY**

**TGA**
- Safety advisory: Abbott Vascular Absorb Bioresorbable Vascular Scaffold (BVS) – Risk of major adverse cardiac events
- Safety advisory: Australia Kangaroo Essence 2500mg Tablets contain undeclared sildenafil
- Safety advisory: Ultimate and Herbal Slim Weight Loss capsules contain undeclared sibutramine

**ISMP**
- Two effective initiatives for C-suite leaders to improve medication safety and the reliability of outcomes
  http://www.ismp.org/newsletters/acutecare/showarticle.aspx?id=1162

**MHRA**
- SGLT2 inhibitors: updated advice on increased risk of lower-limb amputation (mainly toes)

**OTHER NEWS**

**Australian Institute of Health Innovation**
The Centre for Health Systems and Safety Research is seeking to employ casual pharmacists to review records for a medication error study at the Sydney Children’s Hospital. The work will be based at Macquarie University. Please visit: http://jobs.mq.edu.au/cw/en/job/500677/casual-pharmacist

**PAPERS OF INTEREST**

**AJHP**
- Evaluation of a pharmacist-led outpatient direct oral anticoagulant service
  http://www.ajhp.org/content/74/7/483?etoc=
- Empirical gentamicin dosing based on serum creatinine levels in premature and term neonates
  http://www.ajhp.org/content/74/7/466?etoc=

**British Journal of Clinical Pharmacology**
- Comparing intravenous and oral proton pump inhibitor therapy for bleeding peptic ulcers following endoscopic management: a systematic review and meta-analysis
- A multinational, drug utilisation study to investigate the use of dexmedetomidine in clinical practice in the EU

**Cochrane Library**
- Antenatal corticosteroids for accelerating fetal lung maturation for women at risk of preterm birth
- Clozapine combined with different antipsychotic drugs for treatment-resistant schizophrenia
- Glucocorticoid supplementation during ovarian stimulation for IVF or ICSI
- Once-daily versus multiple-daily dosing with intravenous aminoglycosides for cystic fibrosis
- Oral non-steroidal anti-inflammatory drugs for fibromyalgia in adults

**EJHP**
- Cross-sectional analysis of retrospective case series of hospitalisations for gastropathy caused by non-steroidal anti-inflammatory treatment: risk factors and gastroprotection use
  http://ejhp.bmj.com/content/early/2017/03/27/ejpharm-2016-001087

**Internal Medicine Journal**
- A prospective evaluation of levofloxacin based triple therapy for refractory Helicobacter pylori infection in Australia

**JAMA**
- Association Between US Norepinephrine Shortage and Mortality Among Patients With Septic Shock
  http://jamanetwork.com/journals/jama/article-abstract/2612912
- Treatment of Benzodiazepine Dependence

**The Lancet – Neurology**
- Effect of long-term omega 3 polyunsaturated fatty acid supplementation with or without multidomain intervention on cognitive function in elderly adults with memory complaints (MAPT): a randomised, placebo-controlled trial
  http://www.thelancet.com/journals/lanneur/article/PIIS1474-4422(17)30040-6/fulltext

**The Lancet – Psychiatry**
- Ketamine augmentation of electroconvulsive therapy to improve neuropsychological and clinical outcomes in depression (Ketamine-ECT): a multicentre, double-blind, randomised, parallel-group, superiority trial
  http://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366(17)30077-9/fulltext

UPCOMING EVENTS (new additions in bold)
  Virtual meeting, registration required

**The Digital Health Show 2017, 29-30th March 2017, Melbourne Convention & Exhibition Centre

**Health Quality & Safety Commission New Zealand**
- Choosing Wisely Symposium, 30th March 2017, Te Papa Museum, Wellington, New Zealand
**CEC CANDOR Workshop, 4th April 2017, Macquarie Graduate School of Management, Sydney**

**Australian Institute of Health Innovation**
Problem Solving Training Course: The Functional Resonance Analysis Method (FRAM)
10-11th & 12-13th April 2017; Australian Institute of Health Innovation, North Ryde

**The Sax Institute, the Australian Institute of Health Innovation at Macquarie University and the Clinical Excellence Commission**
‘Patient safety: strategic insights on harm reduction with special guest Sir Liam Donaldson’
18th April 2017, University of Technology Sydney

**CADTH Symposium, April 23, 2017 - April 25, 2017: Shaw Centre, Ottawa, Ontario**
https://www.cadth.ca/events/2017-cadth-symposium

**Updated details: 2017 Patient Experience Symposium, 2nd-3rd May 2017, Grand Lodge, Sydney Masonic Centre, 279 Castlereagh Street, Sydney**

**Choosing Wisely Australia National Meeting 2017, Thursday 4 May 2017, Melbourne Cricket Ground**

**6th Biennial Update in Paediatric Respiratory Medicine, 12th May 2017, Sydney Children’s Hospital Randwick**

**Cerner Australia, ‘Regional User Group Australia 2017’, 17-19th May 2017, Sofitel Central Brisbane.**
https://www.ivvy.com/event/RUG17/

**1st Australasian Diagnostic Error in Medicine Conference, Melbourne, 24-25 May 2017**
www.improvediagnosis.org/AusDEM17

**NSW Agency for Clinical Innovation - Shared Decision Making Masterclass: Making Health Decisions Together, 26th May 2017, Sydney**

**Vivid Sydney ‘Dare to Design Our Healthcare Future – Reimagining the Future of Australia’s Healthcare Future’ 2nd June, 9 Barnett Long Room, Customs House, 31 Alfred Street Sydney**
https://www.vividsydney.com/event/ideas/dare-design-our-health-future

**Division of Pharmacoepidemiology and Clinical Pharmacology International Summer Courses**
Utrecht University, The Netherlands
3-7 July 2017 - Pharmacoepidemiology & Drug safety
10-14 July 2017 - Pharmaceutical Policy Analysis (WHO CC for Pharmaceutical Policy and Regulation)
17-21 July 2017 - Pharmacoeconomics
More detailed information can be found below or on the summer school website (www.utrechtssummerschool.nl<http://www.utrechtssummerschool.nl>).

**Healthcare Leaders Forum, Swissotel, Sydney, 22 & 23 August 2017**

**6th World Congress of Clinical Safety 2017, Roma, Italy, 6-8th September 2017**
Abstract submission to 31 March 2017
http://www.iarmm.org/6WCCS/

**ISQua’s 34th International Conference
‘Learning at the System Level to Improve Healthcare Quality and Safety’ 1- 4 October 2017, London
http://www.isqua.org/Events/london-2017

**CEC ‘Advanced Measurement and Variation Workshop’ 23nd October (additional workshop on 13th November)

TAG Mail - 22 March 2017

REPORTS AND PUBLICATIONS – AUSTRALIA
**NSW Health
- The PANACHE Trial

**TGA
- Recall: Epipen 300 microgram adrenaline injection syringe auto-injector – potential failure to activate or need to apply increased force to activate
- Medicines shortages update: Etopophos™ (etoposide phosphate) powder for injection vials and Vepesid™ etoposide capsules shortages expected to continue until 1 August 2017
- Prescription medicines- registration of new chemical entities: Human alpha-1- proteinase inhibitor (Zemaira™) approved for maintenance treatment to slow the progression of emphysema in adult patients with documented severe A1-PI deficiency and progressive lung disease.
- Prescription medicines – extension of indications: Keytruda™ (pembrolizumab); Stelara™ (ustekinumab); Cimzia™ (certolizumab pegol (rbe)); Zydelig™ (idelalisib)

REPORTS AND PUBLICATIONS – INTERNATIONAL
**AHRQ
- First- and Second-Generation Antipsychotics in Children and Young Adults: Systematic Review Update
http://www.effectivehealthcare.ahrq.gov/index.cfm/search-for-guides-reviews-and-reports/?pageaction=displayproduct&productid=2437

**AHRQ Patient Safety Network
- Learning from errors: analysis of medication order voiding in CPOE systems.

**CADTH
- Ketamine for Treatment-Resistant Depression or PTSD in Various Settings: A Review of Clinical Effectiveness, Safety, and Guidelines
https://www.cadth.ca/ketamine-treatment-resistant-depression-or-ptsd-various-settings-review-clinical-effectiveness
- Anti-Vascular Endothelial Growth Factor Drugs for the Treatment of Retinal Conditions: A Review of Safety
https://www.cadth.ca/anti-vascular-endothelial-growth-factor-drugs-treatment-retinal-conditions-review-safety
**Health Quality and Safety Commission New Zealand**
- Systematic review of a patient care bundle in reducing staphylococcal infections in cardiac and orthopaedic surgery

**NICE**
- Care of dying adults in the last days of life
  https://www.nice.org.uk/guidance/qs144
- Head and neck cancer
  https://www.nice.org.uk/guidance/qs146

**Specialist Pharmacy Service**
- What legal and pharmaceutical issues should be considered when administering medicines covertly?

**MEDICATION SAFETY**

**FDA**
- Eluxadoline (Viberzi™): Increased Risk of Serious Pancreatitis In Patients Without A Gallbladder
  https://www.fda.gov/Safety/MedWatch/SafetyInformation/SafetyAlertsforHumanMedicalProducts/ucm546771.htm

**Commonwealth of Pennsylvania Patient Safety Advisory**
- Medication Errors Attributed to Health Information Technology
  http://patientsafetyauthority.org/ADVISORIES/AdvisoryLibrary/2017/Mar;14(1)/Pages/01.aspx

**Health Canada**
- Pembrolizumab (Keytruda™): Risk of Severe Skin Reactions: Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis

**TGA**
- Safety advisory: Change Me Herbal Slimming Capsules contain undeclared sibutramine

**OTHER NEWS**

**Choosing Wisely Australia National Meeting 2017**
- Abstracts close Monday 27 March 2017

**PAPERS OF INTEREST**

**Annals of Internal Medicine**
- Intradiscal Glucocorticoid Injection for Patients with Chronic Low Back Pain Associated With Active Discopathy: A Randomized Trial

**British Journal of Clinical Pharmacology**
- The effect of co-trimoxazole on serum potassium concentration: safety evaluation of a randomized controlled trial
- Safety profile of the direct oral anticoagulants: an analysis of the WHO database of adverse drug reactions
- The drugs that mostly frequently induce acute kidney injury: a case – noncase study of a pharmacovigilance database
**BMJ**
- Validating the HERDOO2 rule to guide treatment duration for women with unprovoked venous thrombosis: multinational prospective cohort management study
  http://www.bmj.com/content/356/bmj.j1065
- Association between concurrent use of prescription opioids and benzodiazepines and overdose: retrospective analysis
  http://www.bmj.com/content/356/bmj.j760

**BMJ Open**
- Pharmacist provided medicines reconciliation within 24 hours of admission and on discharge: a randomised controlled pilot study
  http://bmjopen.bmj.com/content/7/3/e013647
- Adjunctive clindamycin for cellulitis: a clinical trial comparing flucloxacillin with or without clindamycin for the treatment of limb cellulitis
  http://bmjopen.bmj.com/content/7/3/e013260

**Cochrane Library**
- Addition of anti-leukotriene agents to inhaled corticosteroids for adults and adolescents with persistent asthma
- Benzodiazepines for restless legs syndrome
- Corticosteroids for tuberculous pleurisy
- Deprescribing versus continuation of chronic proton pump inhibitor use in adults
- Vitamin C supplementation for the primary prevention of cardiovascular disease

**European Heart Journal**
- Non-steroidal anti-inflammatory drug use is associated with increased risk of out-of-hospital cardiac arrest: a nationwide case–time–control study

**EJHP**
- Factors associated with patient satisfaction in an outpatient hospital pharmacy
  http://ejhp.bmj.com/content/early/2017/03/16/ejhp2016-001192

**Internal Medicine**
- The relationship between HP infection and vomiting induced by gastrointestinal cancer chemotherapy

**JAMA**
- Association between Dabigatran vs Warfarin and Risk of Osteoporotic Fractures among Patients with Nonvalvular Atrial Fibrillation
  http://jamanetwork.com/journals/jama/article-abstract/2612616
- Association between US Norepinephrine Shortage and Mortality among Patients With Septic Shock
  http://jamanetwork.com/journals/jama/fullarticle/2612912
- Effect of Dexmedetomidine on Mortality and Ventilator-Free Days in Patients Requiring Mechanical Ventilation with Sepsis: A Randomized Clinical Trial
  http://jamanetwork.com/journals/jama/fullarticle/2612911

**JAMA Internal Medicine**
- Association of Suicidality and Depression with 5α-Reductase Inhibitors
**JAMA Neurology**
- Association of Antioxidant Supplement Use and Dementia in the Prevention of Alzheimer’s Disease by Vitamin E and Selenium Trial (PREADVISE)
  http://jamanetwork.com/journals/jamaneurology/fullarticle/2612477

**JAMA Ophthalmology**
- Treatment of Ocular Pyogenic Granuloma With Topical Timolol
  http://jamanetwork.com/journals/jamaophthalmology/article-abstract/2612186

**JAMIA**
- Does electronic stewardship work?

**NEJM**
- Evolocumab and Clinical Outcomes in Patients with Cardiovascular Disease
- Cardiovascular Efficacy and Safety of Bococizumab in High-Risk Patients
- Pembrolizumab as Second-Line Therapy for Advanced Urothelial Carcinoma
- Rivaroxaban or Aspirin for Extended Treatment of Venous Thromboembolism
- Early, Goal-Directed Therapy for Septic Shock — A Patient-Level Meta-Analysis
- Levosimendan for Hemodynamic Support after Cardiac Surgery
- Evolocumab and Clinical Outcomes in Patients with Cardiovascular Disease

**Pediatrics**
- Urine Culture Follow-up and Antimicrobial Stewardship in a Pediatric Urgent Care Network
  http://pediatrics.aappublications.org/content/early/2017/03/14/peds.2016-2103

**UPCOMING EVENTS (new additions in bold)**
**ACI Endocrine Network Diabetes Forum**
‘Sharing knowledge, information and experiences’ 24 March 2017, 9:00am to 4:00pm
Ballroom, Kirribilli Club, 11 Harbourview Crescent, Lavender Bay, NSW, 2060

  Virtual meeting, registration required

**The Digital Health Show 2017, 29-30th March 2017, Melbourne Convention & Exhibition Centre**

**Health Quality & Safety Commission New Zealand**
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http://www.isqua.org/Events/london-2017

TAG Mail - 15 March 2017

REPORTS AND PUBLICATIONS – AUSTRALIA

**AIHW**
**TGA**
Prescription medicines: Extension of indications for Boostrix™, Cubicin™ (daptomycin) and Jardiamet™/Jardiancemet™ (empagliflozin/metformin)

**REPORTS AND PUBLICATIONS – INTERNATIONAL**

**AHRQ Patient Safety Network**
- Meaningful use of health information technology and declines in in-hospital adverse drug events.
- The effect of prescriber education on medication-related patient harm in the hospital: a systematic review.
- Medication reconciliation failures in children and young adults with chronic disease during intensive and intermediate care.

**Drug and Therapeutics Bulletin**
- Penicillin allergy—getting the label right
  http://dtb.bmj.com/content/55/3/33
- Desmopressin for nocturia in adults
  http://dtb.bmj.com/content/55/3/30

**ISMP**
- What’s in a generic name? Clues about the drug’s use and possible adverse effects

**NICE**
- Narcolepsy with or without cataplexy in adults: pitolisant
- Skin involvement in systemic sclerosis: rituximab

**PrescQIPP**
IMPACT - Improving Medicines and Polypharmacy Appropriateness Clinical Tool

**SABS**
- Infection post cardiopulmonary bypass associated with heater-cooler devices (Supersedes SN: 007/16)

**Specialist Pharmacy Service**
- How to minimise the risks of medication errors with rivastigmine patches

**TGA**
- Safety advisory: Africa Black Ant Capsules contain undeclared sildenafil
- Safety advisory: Counterfeit Tadalafil 100mg tablets contain undeclared sildenafil and dipyrone
- Safety advisory: Counterfeit Placebo tablets contain undeclared clenbuterol

PAPERS OF INTEREST
**AJHP
- Creating objective and measurable postgraduate year 1 residency graduation requirements
  http://www.ajhp.org/content/74/6/389

**Annals of Internal Medicine
- Pharmacologic Therapy for Type 2 Diabetes: Synopsis of the 2017 American Diabetes Association Standards of Medical Care in Diabetes

**British Journal of Clinical Pharmacology
- Psychotropics and weak opioid analgesics in plasma samples of older hip fracture patients – detection frequencies and consistency with drug records
- Pharmacokinetics and pharmacodynamics of single doses of rivaroxaban in obese patients prior to and after bariatric surgery
- The pharmacokinetics and pharmacodynamics of mycophenolate mofetil in younger and elderly renal transplant recipients

**BMJ
- Serum creatinine elevation after renin-angiotensin system blockade and long term cardiorenal risks: cohort study
  http://www.bmj.com/content/356/bmj.j791
- Supporting insulin initiation in type 2 diabetes in primary care: results of the Stepping Up pragmatic cluster randomised controlled clinical trial
  http://www.bmj.com/content/356/bmj.j783

**Cochrane Library
- Interventions to improve inhaler technique for people with asthma
- Pharmacological interventions for acute hepatitis C infection: an attempted network meta-analysis
- Proton pump inhibitors for functional dyspepsia

**Diabetes Care
- Coadministration of Canagliflozin and Phentermine for Weight Management in Overweight and Obese Individuals Without Diabetes: A Randomized Clinical Trial
  http://care.diabetesjournals.org/content/early/2017/03/10/dc16-2427

**European Heart Journal
- Determinants and clinical outcome of up-titration of ACE-inhibitors and beta-blockers in patients with heart failure: a prospective European study
**EJHP**
- Role of clinical oncology pharmacist in determination of pharmaceutical care needs in patients with colorectal cancer
  http://ejhp.bmj.com/content/early/2017/03/10/ejhpharm-2016-001188

**JAMA**
- Association of Preceding Antithrombotic Treatment With Acute Ischemic Stroke Severity and In-Hospital Outcomes Among Patients With Atrial Fibrillation
  http://jamanetwork.com/journals/jama/article-abstract/2610336
- Immune Responses to Novel Adenovirus Type 26 and Modified Vaccinia Virus Ankara–Vectored Ebola Vaccines at 1 Year
  http://jamanetwork.com/journals/jama/article-abstract/2610324

**JAMIA**
- Design and Evaluation of a Medication Adherence Application with Communication for Seniors in Independent Living Communities
  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5333254/

**NEJM**
- Long-Term Outcomes of Imatinib Treatment for Chronic Myeloid Leukemia
- Chimpanzee Adenovirus Vector Ebola Vaccine

*Paediatrics*
- Increasing ED Use of Jet Injection of Lidocaine for IV-Related Pain Management
  http://pediatrics.aappublications.org/content/early/2017/03/07/peds.2016-1697

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http://www.isqua.org/Events/london-2017

TAG Mail - 8 March 2017

REPORTS AND PUBLICATIONS – AUSTRALIA
**ACSQHC
- Medication charts: new learning modules

**AIHW
- Australian Burden of Disease Study: impact and causes of illness and death in Australia 2011-supplementary tables

**CEC
- Year in Review 2015-16

**TGA
- 2017 seasonal influenza vaccines
- 2017 seasonal influenza vaccines for use in children
- Updates to the list of designated orphan drugs: Idebenone (Raxone™) for the treatment of Duchenne muscular dystrophy; Arsenic trioxide (Phenasen™) for the treatment of acute promyelocytic leukaemia.
http://www.tga.gov.au/updates-list-designated-orphan-drugs

REPORTS AND PUBLICATIONS – INTERNATIONAL
**FDA
- Odactra™ (sublingual allergen extract) approved to treat house dust mite (HDM)-induced nasal inflammation (allergic rhinitis), with or without eye inflammation (conjunctivitis), in people 18 through 65 years of age. [https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm544330.htm](https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm544330.htm)
- Noctiva™ (desmopressin acetate) nasal spray approved to treat adults with nocturnal polyuria. [https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm544877.htm](https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm544877.htm)

**Joint Commission**
- Sentinel Event Alert 57: The essential role of leadership in developing a safety culture [https://www.jointcommission.org/sea_issue_57/](https://www.jointcommission.org/sea_issue_57/)

**NICE**
- Stroke and transient ischaemic attack in over 16s: diagnosis and initial management [https://www.nice.org.uk/guidance/cg68](https://www.nice.org.uk/guidance/cg68)
- Care of dying adults in the last days of life [https://www.nice.org.uk/guidance/qs144](https://www.nice.org.uk/guidance/qs144)
- Vaccine uptake in under 19s [https://www.nice.org.uk/guidance/qs145](https://www.nice.org.uk/guidance/qs145)
- Head and neck cancer [https://www.nice.org.uk/guidance/qs146](https://www.nice.org.uk/guidance/qs146)
- Healthy workplaces: improving employee mental and physical health and wellbeing [https://www.nice.org.uk/guidance/qs147](https://www.nice.org.uk/guidance/qs147)
- Community engagement: improving health and wellbeing [https://www.nice.org.uk/guidance/qs148](https://www.nice.org.uk/guidance/qs148)

**Specialist Pharmacy Service**

**WHO**

**TGA**

**British Journal of Clinical Pharmacology**

**BMJ**
- Neuraminidase inhibitors during pregnancy and risk of adverse neonatal outcomes and congenital malformations: population based European register study [http://www.bmj.com/content/356/bmj.i629](http://www.bmj.com/content/356/bmj.i629)
- Risk of serious infections associated with use of immunosuppressive agents in pregnant women with autoimmune inflammatory conditions: cohort study
  http://www.bmj.com/content/356/bmj.j895

- Maternal and infant genetic variants, maternal periconceptional use of selective serotonin reuptake inhibitors, and risk of congenital heart defects in offspring: population based study
  http://www.bmj.com/content/356/bmj.j832

**Circulation**
- Cardiac Outcomes after Ischemic Stroke or TIA: Effects of Pioglitazone in Patients with Insulin Resistance without Diabetes
  http://circ.ahajournals.org/content/early/2017/02/27/CIRCULATIONAHA.116.024863

**Cochrane Library**
- Antibiotic treatment for Clostridium difficile-associated diarrhoea in adults
- Botulinum toxin for the treatment of strabismus
- Fixed-dose combination therapy for the prevention of atherosclerotic cardiovascular diseases
- Non-contraceptive oestrogen-containing preparations for controlling symptoms of premenstrual syndrome
- Pharmacological interventions for recurrent abdominal pain in childhood

**EJHP**
A retrospective and observational analysis of harmful excipients in medicines for hospitalised neonates in Latvia
http://ejhp.bmj.com/content/early/2017/03/03/ejhpharm-2016-001107

**Internal Medicine Journal**
- Use of Brentuximab vedotin as salvage therapy pre-allogeneic stem cell transplantation in relapsed / refractory CD30 positive lympho-proliferative disorders: a single centre experience

**JAMA**
- Opioid Agonist Treatment for Patients with Dependence on Prescription Opioids
  http://jamanetwork.com/journals/jama/article-abstract/2608202

**MJA**
- Self-poisoning by older Australians: a cohort study

**NEJM**
- Blinatumomab versus Chemotherapy for Advanced Acute Lymphoblastic Leukemia

**The Lancet**
- Doxycycline versus prednisolone as an initial treatment strategy for bullous pemphigoid: a pragmatic, non-inferiority, randomised controlled trial
  http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(17)30560-3/fulltext

**The Lancet Psychiatry**
- Changes in substance use in patients receiving opioid substitution therapy and resulting clinical challenges: a 17-year treatment case register analysis
  http://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366(17)30080-9/fulltext

UPCOMING EVENTS (new additions in bold)
**Informa eMedication Management Conference, 14-15th March 2017, Swissotel, Sydney**

**ACI Endocrine Network Diabetes Forum**
‘Sharing knowledge, information and experiences’ 24 March 2017, 9:00am to 4:00pm
Ballroom, Kirribilli Club, 11 Harbourview Crescent, Lavender Bay, NSW, 2060

**The Digital Health Show 2017, 29-30th March 2017, Melbourne Convention & Exhibition Centre**

**Health Quality & Safety Commission New Zealand**
Choosing Wisely Symposium, 30th March 2017, Te Papa Museum, Wellington, New Zealand

**Australian Institute of Health Innovation**
Problem Solving Training Course: The Functional Resonance Analysis Method (FRAM)
10-11th & 12-13th April 2017
Australian Institute of Health Innovation, North Ryde

**CADTH Symposium, April 23, 2017 - April 25, 2017: Shaw Centre, Ottawa, Ontario**
https://www.cadth.ca/events/2017-cadth-symposium

**Updated details: 2017 Patient Experience Symposium, 2nd-3rd May 2017, Grand Lodge, Sydney Masonic Centre, 279 Castlereagh Street, Sydney**

**Choosing Wisely Australia National Meeting 2017, Thursday 4 May 2017, Melbourne Cricket Ground**

https://www.ivvy.com/event/RUG17/

**1st Australasian Diagnostic Error in Medicine Conference, Melbourne, 24-25 May 2017**
www.improvediagnosis.org/AusDEM17

**6th World Congress of Clinical Safety 2017, Roma, Italy, 6-8th September 2017**
Abstract submission to 31 March 2017
http://www.iarmm.org/6WCCS/

**ISQua’s 34th International Conference**
‘Learning at the System Level to Improve Healthcare Quality and Safety’ 1- 4 October 2017, London
http://www.isqua.org/Events/london-2017

TAG Mail - 1 March 2017

REPORTS AND PUBLICATIONS – INTERNATIONAL
**FDA**
- Telotristat ethyl (Xermelo™) tablets in combination with somatostatin analog (SSA) therapy approved for the treatment of adults with carcinoid syndrome diarrhoea
**NICE**
- Apremilast for treating active psoriatic arthritis
https://www.nice.org.uk/guidance/TA433/chapter/1-Recommendations
- Spondyloarthritis in over 16s: diagnosis and management
https://www.nice.org.uk/guidance/ng65
- Neuropathic pain in adults: pharmacological management in non-specialist settings
https://www.nice.org.uk/guidance/cg173
- Drug misuse prevention: targeted interventions
https://www.nice.org.uk/guidance/ng64

**WHO**
- Pharmaceuticals Newsletter No.1 2017
http://www.who.int/medicines/publications/PharmaNewsletter1_17/en/

**MEDICATION SAFETY**
**TGA**
- Medicines Safety Update, Volume 8, Number 1, February 2017: Certain medicines and progressive multifocal leukoencephalopathy; aripiprazole and impulse control disorders; vemurafenib and risk of radiation injury

**EMA**
- SGLT2 inhibitors: information on potential risk of toe amputation to be included in prescribing information

**ISMP**
- DTaP, LAIV, MCV4, PPSV23, HZV, 9vHPV...Alphabet soup vaccine abbreviations and acronyms lead to errors

**OTHER NEWS**
**ACI Chronic Care Network**
- Webcast recording of Bright Spots Across the Bush - Lessons in Integrated Care (CSU Campus Dubbo)

**CEC**
- Clinical Practice Improvement Workshop (Applications close 3rd March 2017)
- Driver Diagram Webex 29 March 2017 11am to 12pm

**eHealth News - January/February 2017 edition**

**PAPERS OF INTEREST**
**AJHP**
- Pharmacovigilance: Importance, concepts, and processes
http://www.ajhp.org/content/early/2017/02/21/ajhp151031

**British Journal of Clinical Pharmacology**
- Comparative cardiovascular risks of dipeptidyl peptidase 4 inhibitors with other second- and third-line antidiabetic drugs in patients with type 2 diabetes

https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm544035.htm
**BMJ**
- Off-label indications for antidepressants in primary care: descriptive study of prescriptions from an indication based electronic prescribing system
http://www.bmj.com/content/356/bmj.j603

**BMJ Quality and Safety**
- A cross-sectional observational study of high override rates of drug allergy alerts in inpatient and outpatient settings, and opportunities for improvement
http://qualitysafety.bmj.com/content/26/3/217

**Cochrane Library**
- Buprenorphine for managing opioid withdrawal
- Glucose-lowering agents for treating pre-existing and new-onset diabetes in kidney transplant recipients
- Perioperative medications for preventing temporarily increased intraocular pressure after laser trabecuoplasty
- Prophylactic drug management for febrile seizures in children

**EJHP**
- Peri-procedural management of patients receiving novel oral anticoagulants
http://ejhp.bmj.com/content/early/2017/02/23/ejhpharm-2016-001088
- Impact of a pharmaceutical care programme for patients with chronic disease initiated at the emergency department on drug-related negative outcomes: a randomised controlled trial
http://ejhp.bmj.com/content/early/2017/02/23/ejhpharm-2016-001055
- Predictors of primary non-adherence to concomitant chronic treatment in HIV-infected patients with antiretroviral therapy
http://ejhp.bmj.com/content/early/2017/02/23/ejhpharm-2016-001000

**JAMA**
- Association of Antithrombotic Drug Use with Subdural Hematoma Risk
http://jamanetwork.com/journals/jama/article-abstract/2605799
- Testosterone Treatment and Cognitive Function in Older Men with Low Testosterone and Age-Associated Memory Impairment
http://jamanetwork.com/journals/jama/fullarticle/2603930
- Testosterone Treatment and Coronary Artery Plaque Volume in Older Men with Low Testosterone
http://jamanetwork.com/journals/jama/fullarticle/2603929

**JAMA Internal Medicine**
- Effect of Reminder Devices on Medication Adherence: The REMIND Randomized Clinical Trial
http://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2605527
- Thiazolidinediones and Advanced Liver Fibrosis in Nonalcoholic Steatohepatitis, A Meta-analysis
http://jamanetwork.com/journals/jamainternalmedicine/fullarticle/2605526

**JAMIA**
- Comparison of three commercial knowledge bases for detection of drug-drug interactions in clinical decision support

**Journal of Crohn’s and Colitis**
- Biosimilar Infliximab in Inflammatory Bowel Disease: Outcomes of a Managed Switching Programme
**MJA**
- Beyond ice: rethinking Australia’s approach to illicit drugs

**Pediatrics**
- Decreasing Prescribing Errors during Pediatric Emergencies: A Randomized Simulation Trial
  http://pediatrics.aappublications.org/content/early/2017/02/24/peds.2016-3200
- Inhaled Corticosteroids and Respiratory Infections in Children with Asthma: A Meta-analysis
  http://pediatrics.aappublications.org/content/early/2017/02/22/peds.2016-3271
- Pulmonary Hypertension Therapy and a Systematic Review of Efficacy and Safety of PDE-5 Inhibitors
  http://pediatrics.aappublications.org/content/early/2017/02/22/peds.2016-1450

**Primary Care Respiratory Medicine**
- Effect of novel inhaler technique reminder labels on the retention of inhaler technique skills in asthma: a single-blind randomized controlled trial
  http://www.nature.com/articles/s41533-017-0011-4

**The Lancet Psychiatry**
- Financial incentives for improving adherence to maintenance treatment in patients with psychotic disorders (Money for Medication): a multicentre, open-label, randomised controlled trial
  http://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366(17)30045-7/fulltext

**The Lancet Respiratory Medicine**
- Hyperoxia and hypertonic saline in patients with septic shock (HYPERS2S): a two-by-two factorial, multicentre, randomised, clinical trial
  http://www.thelancet.com/journals/lanres/article/PIIS2213-2600(17)30046-2/fulltext

**UPCOMING EVENTS (new additions in bold)**

**ISMP CHA Medication Safety Intensive, Sydney, March 9-10 2017.**
https://children.wcha.asn.au/ismp_medsafety

**Australian Institute of Health Innovation Seminar Series**
‘A new informatics geography’ 9 March 2017, Macquarie University, Sydney
http://aihi.mq.edu.au/event/new-informatics-geography

**Informa eMedication Management Conference, 14-15th March 2017, Swissotel, Sydney**

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https://www.ivvy.com/event/RUG17/

**1st Australasian Diagnostic Error in Medicine Conference, Melbourne, 24-25 May 2017**  
www.improvediagnosis.org/AusDEM17

**Society to Improve Diagnosis in Medicine**  
- Australasian Diagnostic Error in Medicine Conference 2017, 24-25th May 2017, Melbourne  
Abstracts open until 10th February 2017  
http://www.improvediagnosis.org/?page=AusDEM17

**6th World Congress of Clinical Safety 2017, Roma, Italy, 6-8th September 2017**  
Abstract submission to 31 March 2017  
http://www.iarmm.org/6WCCS/

**ISQua’s 34th International Conference**  
‘Learning at the System Level to Improve Healthcare Quality and Safety’ 1-4 October 2017, London  
http://www.isqua.org/Events/london-2017

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**TAG Mail - 22 February**

**REPORTS AND PUBLICATIONS – AUSTRALIA**

**AIHW**  
- Incidence of insulin-treated diabetes in Australia, 2015  
- Hospitalisations for mental health conditions and intentional self-harm in 2014-15  
- Healthcare-associated Staphylococcus aureus bloodstream infections in 2015-16  

**ACSQHC**  
- National guidelines for on-screen presentation of discharge summaries  

**CEC**  
- Improving Transitions of Care for People Living with Dementia, Top 5 - Research report prepared for the HCF Research Foundation  
**NPS MedicineWise**
- Using complementary medicines
- Will your medicines survive the Sydney heatwave?

**TGA**
- Recall: MiniMed 640G insulin pump – potential for loss of therapy due to power error
- AusPAR added: Rituximab (MabThera™) new strength of subcutaneous injection (1600mg/13.4mL) for use in CLL; new dosage frequency for the previously approved strength of subcutaneous injection (1400mg/11.7mL) for maintenance therapy in patients with previously untreated follicular lymphoma who have responded to induction treatment.
- Update to the list of designated orphan drugs: Riluzole (Teglutik™) for the treatment of patients with amyotrophic lateral sclerosis (ALS).
  http://www.tga.gov.au/updates-list-designated-orphan-drugs

**REPORTS AND PUBLICATIONS – INTERNATIONAL**

**FDA**
- Brodalumab (Siliq™) approved to treat adults with moderate-to-severe plaque psoriasis.
  https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm541981.htm

**NICE**
- Intrapartum care for healthy women and babies
  https://www.nice.org.uk/guidance/cg190
- Surgical site infections: prevention and treatment
  https://www.nice.org.uk/guidance/cg74
- Healthcare - associated infections: prevention and control in primary and community care
  https://www.nice.org.uk/guidance/cg139
- Everolimus for advanced renal cell carcinoma after previous treatment
  https://www.nice.org.uk/guidance/ta432
- Apremilast for treating active psoriatic arthritis
  https://www.nice.org.uk/guidance/ta433

**Specialist Pharmacy Service**
- Is there an interaction between bisphosphonates and proton pump inhibitors?
  https://www.sps.nhs.uk/articles/is-there-an-interaction-between-bisphosphonates-and-proton-pump-inhibitors-2/
- Is there an interaction between erythromycin and statins?
  https://www.sps.nhs.uk/articles/is-there-an-interaction-between-erythromycin-and-statins-2/

**PrescQIPP**
- Ensuring appropriate polypharmacy: Patients with frailty or moving towards end of life care

**MEDICATION SAFETY**

**NSW Health**
- Glyceryl trinitrate (GTN) tablets – disruption to supply (Supersedes SN: 002/16
- Hyoscine butylbromide (Buscopan™) injection: risk of serious adverse effects in patients with underlying cardiac disease

OTHER NEWS
**CEC Medication Safety and Quality Officer
- This temporary full-time position is currently being advertised. Closing date 28 February 2017

PAPERS OF INTEREST
**AJHP
- Major publications in the critical care pharmacotherapy literature in 2015
http://www.ajhp.org/content/74/5/295?etoc=
- Development of the Critical Care Pharmacotherapy Trials Network
http://www.ajhp.org/content/74/5/287?etoc=
- Outcomes of treatment with direct-acting antivirals for infection with hepatitis C virus genotypes 1–4 in an ambulatory care setting
http://www.ajhp.org/content/74/5_Supplement_1/S1?etoc

**Australian Prescriber
- Ceritinib for non-small cell lung cancer
- Drugs for chronic obstructive pulmonary disease

**BMJ
- Impact of searching clinical trial registries in systematic reviews of pharmaceutical treatments: methodological systematic review and reanalysis of meta-analyses
http://www.bmj.com/content/356/bmj.j448

**Cochrane Library
- Ethosuximide, sodium valproate or lamotrigine for absence seizures in children and adolescents
- Perioperative antibiotics for prevention of acute endophthalmitis after cataract surgery
- Subcutaneous unfractionated heparin for the initial treatment of venous thromboembolism
- Combined inhaled beta-agonist and anticholinergic agents for emergency management in adults with asthma
- Polyclonal and monoclonal antibodies for induction therapy in kidney transplant recipients

**European Heart Journal
- Diagnosis and management of acute deep vein thrombosis: a joint consensus document from the European society of cardiology working groups of aorta and peripheral circulation and pulmonary circulation and right ventricular function

**Heart
- Antibiotic prophylaxis for infective endocarditis: a systematic review and meta-analysis
http://heart.bmj.com/content/early/2017/02/17/heartjnl-2015-309102

**JAMA Internal Medicine
Effect of Magnesium Oxide Supplementation on Nocturnal Leg Cramps, a Randomized Clinical Trial
http://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2603490
- Outcomes Associated With Resuming Warfarin Treatment after Hemorrhagic Stroke or Traumatic Intracranial Hemorrhage in Patients with Atrial Fibrillation
http://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2603491

**JAMIA**
- Meaningful use of health information technology and declines in in-hospital adverse drug events
- Learning from errors: analysis of medication order voiding in CPOE systems

**MJA**
- Prolonged tumour growth after treatment of infantile haemangioma with propranolol
- Targeted therapy for chronic respiratory disease: a new paradigm

**NEJM**
- Opioid-Prescribing Patterns of Emergency Physicians and Risk of Long-Term Use
- Pembrolizumab as Second-Line Therapy for Advanced Urothelial Carcinoma

**Paediatrics**
- Daptomycin for Complicated Skin Infections: A Randomised Trial
http://pediatrics.aappublications.org/content/early/2017/02/13/peds.2016-2477
- Overdose Risk in Young Children of Women Prescribed Opioids
http://pediatrics.aappublications.org/content/early/2017/02/16/peds.2016-2887
- Safe Storage of Opioid Pain Relievers among Adults Living in Households With Children
http://pediatrics.aappublications.org/content/early/2017/02/16/peds.2016-2161

UPCOMING EVENTS (new additions in bold)
**Australian Society for Antimicrobials**
23 - 26 February 2017, Adelaide
www.antimicrobials2017.com

**HISA NSW**
- My Health Record E-health Record Solutions Workshop, 2-3 March, 2017. Hunter Medical Research Institute (Grounds of John Hunter Hospital, Newcastle)
http://www.hisa.org.au/hisa_event/hisa-nsw-my-health-record/

https://children.wcha.asn.au/ismp_medsafety

**Informa eMedication Management Conference, 14-15th March 2017, Swissotel, Sydney

**The Digital Health Show 2017, 29-30th March 2017, Melbourne Convention & Exhibition Centre

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  http://www.iarmm.org/6WCCS/

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  http://www.isqua.org/Events/london-2017

TAG Mail - 16 February 2017

REPORTS AND PUBLICATIONS – AUSTRALIA

**ACSQHC
- National guidelines for on-screen presentation of discharge summaries

**NPS MedicineWise
- COPD (chronic obstructive pulmonary disease)

**TGA
- Medicine shortages: Glyceryl trinitrate tablets (Anginine™ and Lycinate™) (update)
- Etopophos™ (etoposide phosphate) powder for injection vials and Vepesid™ etoposide capsules (update)
- Submissions and TGA responses:
  Non-steroidal anti-inflammatory drugs: proposed additional advisory statement
  - Paracetamol and ibuprofen: proposed additional advisory statement
  - AusPAR added: Gadobutrol (Gadovist 1.0™) approved for use in children of all ages, including full term newborns.

REPORTS AND PUBLICATIONS – INTERNATIONAL
  **British Oncology Pharmacy Association
  - Implementation of Biosimilar MABs in Oncology-Role of Pharmacy

  **British Society for Haematology
  - Guidelines on the management of drug-induced immune and secondary autoimmune, haemolytic anaemia
  http://b-s-h.org.uk/media/2642/aiha_secondary_guideline_bsh_website.pdf

  **CADTH
  - Aripiprazole for borderline personality disorder: a review of the clinical effectiveness
  https://www.cadth.ca/aripiprazole-borderline-personality-disorder-review-clinical-effectiveness-0

  **FDA
  - Deflazacort (Emflaza™) approved to treat patients age 5 years and older with Duchenne muscular dystrophy (DMD)
  http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm540945.htm

  **NICE
  - Menopause
  https://www.nice.org.uk/guidance/qs143

  **WHO
  - Epilepsy
  http://www.who.int/mediacentre/factsheets/fs999/en/

MEDICATION SAFETY
   **NSW Health
  - Safety Notice: Glycerol trinitrate (GTN) tablets – disruption to supply

  **Healthy Canadians
  - Health Canada safety review finds risk of serious skin burns with over-the-counter topical pain relievers containing menthol

  **ISMP
  - Using information from external errors to signal a “clear and present danger”

PAPERS OF INTEREST
  **Annals of Internal Medicine
  - Systemic Pharmacologic Therapies for Low Back Pain: A Systematic Review for an American College of Physicians Clinical Practice Guideline

**AJHP**
- Penicillin skin testing as an antimicrobial stewardship initiative [http://www.ajhp.org/content/74/4/232](http://www.ajhp.org/content/74/4/232)
- Impact of a national antimicrobial stewardship mentoring program: Insights and lessons learned [http://www.ajhp.org/content/74/4/224?etoc](http://www.ajhp.org/content/74/4/224?etoc)
- Incorporation of formal leadership activities into pharmacy residencies [http://www.ajhp.org/content/74/4/196?etoc](http://www.ajhp.org/content/74/4/196?etoc)

**British Journal of Clinical Pharmacology**

**British Journal of Haematology**

**BMJ**
- Effectiveness and safety of reduced dose non-vitamin K antagonist oral anticoagulants and warfarin in patients with atrial fibrillation: propensity weighted nationwide cohort study [http://www.bmj.com/content/356/bmj.j510](http://www.bmj.com/content/356/bmj.j510)

**BMJ Open**
- Comparison of the therapeutic dose of warfarin in HIV-infected and HIV-uninfected patients: a study of clinical practice [http://bmjopen.bmj.com/content/7/2/e013709](http://bmjopen.bmj.com/content/7/2/e013709)

**BMJ Quality and Safety**
- Exploring the roots of unintended safety threats associated with the introduction of hospital ePrescribing systems and candidate avoidance and/or mitigation strategies: a qualitative study [http://qualitysafety.bmj.com/content/early/2017/02/06/bmjqs-2016-005879](http://qualitysafety.bmj.com/content/early/2017/02/06/bmjqs-2016-005879)

**Cochrane**

**Drug and Therapeutics Bulletin**
- Daclizumab for MS [http://dtb.bmj.com/content/55/2/18](http://dtb.bmj.com/content/55/2/18)
- Spironolactone—potion or poison?  
http://dtb.bmj.com/content/55/2/13

**Heart**  
- Drug-eluting stents versus bare-metal stents in acute myocardial infarction with cardiogenic shock  
http://heart.bmj.com/content/early/2017/02/06/heartjnl-2016-310403

**JAMA Cardiology**  
- Effectiveness of Medication Adherence Reminders Tied to “Fresh Start” Dates: A Randomized Clinical Trial  
http://jamanetwork.com/journals/jamacardiology/article-abstract/2601070

**JAMA Internal Medicine**  
- Trends in Central Nervous System–Active Polypharmacy Among Older Adults Seen in Outpatient Care in the United States  
http://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2601416

**JAMIA**  
- Using digital interventions to improve the cardiometabolic health of populations: a meta-review of reporting quality  

**NEJM**  
- Osimertinib or Platinum–Pemetrexed in EGFR T790M–Positive Lung Cancer  
- Registry-Based Prospective, Active Surveillance of Medical-Device Safety  

**Pediatrics**  
- Epinephrine for First-aid Management of Anaphylaxis  
http://pediatrics.aappublications.org/content/early/2017/02/09/peds.2016-4006

**Prescrire**  
- Sacubitril + valsartan (Entresto™) in chronic heart failure. Favourable results in highly selected patients  

**The Joint Commission Journal on Quality and Patient Safety**  
- Improving Communication with Primary Care Physicians at the Time of Hospital Discharge  
http://www.jointcommissionjournal.com/article/S1553-7250(16)30052-6/fulltext

**The Lancet**  
- Quarter-dose quadruple combination therapy for initial treatment of hypertension: placebo-controlled, crossover, randomised trial and systematic review  
http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(17)30260-X/fulltext

**The Lancet Neurology**  
- Treatment effectiveness of alemtuzumab compared with natalizumab, fingolimod, and interferon beta in relapsing-remitting multiple sclerosis: a cohort study  
http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(17)30007-8/fulltext

**The Lancet Oncology**  
- Utidelone plus capecitabine versus capecitabine alone for heavily pretreated metastatic breast cancer refractory to anthracyclines and taxanes: a multicentre, open-label, superiority, phase 3, randomised controlled trial  
http://www.thelancet.com/journals/lanonc/article/PIIS1470-2045(17)30088-8/fulltext
**The Lancet Public Health**
- Effects of naloxone distribution alone or in combination with addiction treatment with or without pre-exposure prophylaxis for HIV prevention in people who inject drugs: a cost-effectiveness modelling study
  http://www.thelancet.com/journals/lanpub/article/PIIS2468-2667(17)30006-3/fulltext

**The Lancet Psychiatry**
- Trajectories of relapse in randomised, placebo-controlled trials of treatment discontinuation in major depressive disorder: an individual patient-level data meta-analysis
  http://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366(17)30038-X/fulltext

**The Lancet Respiratory Medicine**
- Effectiveness of seasonal influenza vaccination in community-dwelling elderly people: an individual participant data meta-analysis of test-negative design case-control studies
  http://www.thelancet.com/journals/lanres/article/PIIS2213-2600(17)30043-7/fulltext

**Travel Medicine and Infectious Disease**
- Fluoroquinolone users select fluoroquinolone-resistant ESBL-PE: data of prospective traveller study
  http://www.travelmedicinejournal.com/article/S1477-8939(17)30003-0/abstract

**UPCOMING EVENTS (new additions in bold)**

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- Bright Spots across the Bush - Lessons in Integrated Care
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http://www.isqua.org/Events/london-2017

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**TAG Mail - 8 February 2017**

**REPORTS AND PUBLICATIONS – AUSTRALIA**

**ACSQHC**
- Recommendations for terminology, abbreviations and symbols used in medicines documentation

**AIHW**
- Cancer in Australia 2017
- Mental health services in Australia / tranche 1 2017: National data updates for expenditure, services and seclusion data.
- Deaths

**NPS MedicineWise**
- The value of spirometry in clinical practice

**TGA**
- Glyceryl trinitrate tablets (Anginine™ and Lycinate™): Alternative product and potential shortage
- The Poisons Standard February 2017 (SUSMP No. 16)
- Homeopathic teething products: TGA investigation complete

**REPORTS AND PUBLICATIONS – INTERNATIONAL**

**AHRQ**
- Diagnosis and Management of Gout: Current State of the Evidence
**CADTH**
- Idarucizumab for Reversing Anticoagulation in Adults Treated with Dabigatran: A Review of the Clinical Effectiveness, Cost-effectiveness, and Guidelines

**EMA**
- Advanced therapy medicines: towards increased development and patient access

**NICE**
- Osteoporosis: assessing the risk of fragility fracture
  https://www.nice.org.uk/guidance/cg146
- Pomalidomide for multiple myeloma previously treated with lenalidomide and bortezomib
  https://www.nice.org.uk/guidance/ta427
- Pembrolizumab for treating PD-L1-positive non-small-cell lung cancer after chemotherapy
  https://www.nice.org.uk/guidance/ta428
- Ibrutinib for previously treated chronic lymphocytic leukaemia and untreated chronic lymphocytic leukaemia with 17p deletion or TP53 mutation
  https://www.nice.org.uk/guidance/ta429
- Sofosbuvir – velpatasvir for treating chronic hepatitis C
  https://www.nice.org.uk/guidance/ta430
- Mepolizumab for treating severe refractory eosinophilic asthma
  https://www.nice.org.uk/guidance/ta431
- Ticagrelor for preventing atherothrombotic events after myocardial infarction
  https://www.nice.org.uk/guidance/ta420
- Everolimus with exemestane for treating advanced breast cancer after endocrine therapy
  https://www.nice.org.uk/guidance/ta421

**SIGN**
- Cutaneous melanoma (A national clinical guideline)
  http://www.sign.ac.uk/guidelines/fulltext/146/index.html
- SIGN146: Cutaneous melanoma
  http://www.sign.ac.uk/guidelines/fulltext/146/index.html

**MEDICATION SAFETY**

**NSW Health**
- Safety Notice: Vaccine cold chain management in NSW Facilities
- Safety Notice: Identification of Post-Injection Syndrome Olanzapine Pamoate Long Acting Injection

**FDA**
- Drug safety communication: Chlorhexidine gluconate – Rare but serious allergic reactions

**TGA**
- Safety advisory: Impeous Man capsules contain undeclared sildenafil and phenolphthalein
- Safety advisory: Zhen Gongfu capsules contain undeclared sildenafil
- Safety advisory: Chao Jimengnan Super Powerful Man tablets contain undeclared sildenafil

**PAPERS OF INTEREST**

**Annals of Internal Medicine**
- Nicotine, Carcinogen, and Toxin Exposure in Long-Term E-Cigarette and Nicotine Replacement Therapy Users: A Cross-sectional Study

**Annals of Rheumatic Disease**
- Non-steroidal anti-inflammatory drugs for spinal pain: a systematic review and meta-analysis
http://ard.bmj.com/content/early/2017/01/20/annrheumdis-2016-210597.short

**British Journal of Clinical Pharmacology**
- Medication induced SIADH: Distribution and characterization according to medication class
- Lack of respiratory depression in paracetamol-codeine combination overdoses
- Medicine information exchange networks among healthcare professionals and prescribing in geriatric medicine wards
- Multicompartment compliance aids in the community: the prevalence of potentially inappropriate medications

**BMJ**
- Contribution of industry funded post-marketing studies to drug safety: survey of notifications submitted to regulatory agencies
http://www.bmj.com/content/356/bmj.j337

**Cochrane Library**
- Antiplatelet and anticoagulant agents for primary prevention of thrombosis in individuals with antiphospholipid antibodies
- Emollients and moisturisers for eczema
- Different insulin types and regimens for pregnant women with pre-existing diabetes
- Liposomal bupivacaine infiltration at the surgical site for the management of postoperative pain
- Non-steroidal anti-inflammatory drugs (NSAIDs) for chronic non-cancer pain in children and adolescents
- Propofol versus thiopental sodium for the treatment of refractory status epilepticus
- Stepping down the dose of inhaled corticosteroids for adults with asthma
- Strategies for improving adherence to antiepileptic drug treatment in people with epilepsy
- Topical anaesthesia for needle-related pain in newborn infants

**Internal Medicine Journal**
- Venous thromboembolism management practices and knowledge of guidelines: a survey of Australian haematologists and respiratory physicians
Long-term adherence to apomorphine infusion in patients with Parkinson's disease: a 10 year observational study

**International Journal of Clinical Practice**
- Alpha blockers in the management of ureteric lithiasis: A meta-analysis

**JAMA Internal Medicine**
- Comparative Effectiveness of Vancomycin and Metronidazole for the Prevention of Recurrence and Death in Patients with *Clostridium difficile* Infection

**MJA**
- What risks do herbal products pose to the Australian community?

**NEJM**
- Radiation with or without Antiandrogen Therapy in Recurrent Prostate Cancer

**Pediatrics**
- Effectiveness and Duration of Protection of One Dose of a Meningococcal Conjugate Vaccine

**The Lancet**
- Intra-articular corticosteroids versus intra-articular corticosteroids plus methotrexate in oligoarticular juvenile idiopathic arthritis: a multicentre, prospective, randomised, open-label trial

**UPCOMING EVENTS (new additions in bold)**

**ACI Chronic Care Network**
Bright Spots across the Bush - Lessons in Integrated Care
17 February 2017, Dubbo

**Australian Society for Antimicrobials**
23 - 26 February 2017, Adelaide

**HISA NSW**
- My Health Record E-health Record Solutions Workshop, 2-3 March, 2017. Hunter Medical Research Institute (Grounds of John Hunter Hospital, Newcastle)


**Informa eMedication Management Conference, 14-15th March 2017, Swissotel, Sydney**
**The Digital Health Show 2017, 29-30th March 2017, Melbourne Convention & Exhibition Centre**

**Health Quality & Safety Commission New Zealand**
- Choosing Wisely Symposium, 30th March 2017, Te Papa Museum, Wellington, New Zealand

**CADTH Symposium, April 23, 2017 - April 25, 2017: Shaw Centre, Ottawa, Ontario**
https://www.cadth.ca/events/2017-cadth-symposium

**2017 NSW Patient Experience Symposium, 1st-2nd May 2017 Bay 4, Australian Technology Park, Eveleigh NSW**

https://www.ivvy.com/event/RUG17/

**1st Australasian Diagnostic Error in Medicine Conference, Melbourne, 24-25 May 2017**
www.improvediagnosis.org/AusDEM17

**Australasian Diagnostic Error in Medicine Conference 2017, 24-25th May 2017, Melbourne**
Abstracts open until 10th February 2017
http://www.improvediagnosis.org/?page=AusDEM17

**6th World Congress of Clinical Safety 2017, Roma, Italy, 6-8th September 2017**
Abstract submission to 31 March 2017
http://www.larmm.org/6WCCS/

**ISQua’s 34th International Conference**
‘Learning at the System Level to Improve Healthcare Quality and Safety’ 1-4 October 2017, London
http://www.isqua.org/Events/london-2017

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**TAG Mail - 1 February 2017**

**REPORTS AND PUBLICATIONS – AUSTRALIA**

** NSW Health**
- NSW framework for new health technologies and specialised services

** TGA**
- Scheduling delegate’s final decision: codeine, December 2016
- Medicine shortages:
  - Clomifene/clomiphene shortage extended
  - Bactroban (mupiricin) 20mg/g ointment tube expected to be available again after 31 January 2017
  - Neo-Mercazole (carbimazole) 5mg tablets limited availability
- Prescription medicines and biologicals: TGA annual summary 2016
- Advisory Committee on Medicines (ACM): membership announced

REPORTS AND PUBLICATIONS – INTERNATIONAL
**CADTH
- Topical NSAIDs versus Opioids for Acute Musculoskeletal Pain: A Review of the Clinical Effectiveness
https://www.cadth.ca/topical-nsaids-versus-opioids-acute-musculoskeletal-pain-review-clinical-effectiveness-0

**Evidence Alerts
- Beta-blockers for hypertension
https://plus.mcmaster.ca/EvidenceAlerts/MMA.aspx?ArticleID=73003
- Clinical outcomes of metformin use in populations with chronic kidney disease, congestive heart failure, or chronic liver disease
https://plus.mcmaster.ca/EvidenceAlerts/MMA.aspx?ArticleID=72821

**NICE
- Cerebral palsy in under 25s: assessment and management
https://www.nice.org.uk/guidance/ng62
- Antimicrobial stewardship: changing risk-related behaviours in the general population
https://www.nice.org.uk/guidance/ng63

**WHO
- Annual review of the list of priority diseases for the WHO R&D Blueprint

**Specialist Pharmacy Service
- What is the optimal prokinetic dose of erythromycin in adults?
- What guidance is there available on the use of vitamin K for the management of obstetric cholestasis?

**Therapeutics Initiative
- Indacaterol for chronic obstructive pulmonary disease
http://www.ti.ubc.ca/2017/01/26/102-indacaterol-copd/

MEDICATION SAFETY
**FDA
- FDA confirms elevated levels of belladonna in certain homeopathic teething products
http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm538684.htm

**ISMP
- QuarterWatch™: Liver failure with hepatitis C drugs; drugs with signals for insomnia; harm from antipsychotic drugs

**Healthy Canadians
- Health Product InfoWatch, January 2017: Eligard™ (leuprolide acetate) reconstitution and administration errors and risk of lack of efficacy; Methotrexate dosing errors
OTHER NEWS
**European Cancer Congress 2017
- Potential price reductions for cancer medicines on the WHO Essential Medicines List (poster presentation)

PAPERS OF INTEREST
**AJHP
- Optimizing proton pump inhibitor therapy for treatment of nonvariceal upper gastrointestinal bleeding
  http://www.ajhp.org/content/74/3/109
- Developing and improving residency research training
  http://www.ajhp.org/content/74/3/152
- Major publications in the critical care pharmacotherapy literature in 2015
  http://www.ajhp.org/content/early/2017/01/20/ajhp160144?papetoc=
- Women in leadership and the bewildering glass ceiling
  http://www.ajhp.org/content/early/2017/01/20/ajhp160930

**British Journal of Clinical Pharmacology
- Donor CYP3A5 genotype influences tacrolimus disposition on the first day after paediatric liver transplantation
- Efficacy of olanzapine for the prophylaxis of chemotherapy-induced nausea and vomiting: A meta-analysis
- Outcomes from massive paracetamol overdose: a retrospective observational study

**British Journal of General Practice
- Reducing liver function tests for statin monitoring: an observational comparison of two clinical commissioning groups
  http://bjgp.org/content/early/2017/01/30/bjgp17X689365

**BMJ
- Thyroid hormone treatment among pregnant women with subclinical hypothyroidism: US national assessment
  http://www.bmj.com/content/356/bmj.i6865

**Circulation
- Use of Intravenous Recombinant Tissue Plasminogen Activator in Acute Ischemic Stroke Patients Taking Non-Vitamin K Antagonist Oral Anticoagulants (NOACs) Before Stroke
  http://circ.ahajournals.org/content/early/2017/01/24/CIRCULATIONNAHA.116.023940

**Cochrane Library
- Corticosteroids as adjuvant therapy for ocular toxoplasmosis
- Corticosteroids for the treatment of Kawasaki disease in children
- Neuroprotection for treatment of glaucoma in adults
- Oral anti-diabetic pharmacological therapies for the treatment of women with gestational diabetes
- Pharmacological treatment for antipsychotic-related constipation
- Pneumococcal vaccines for preventing pneumonia in chronic obstructive pulmonary disease
- Second-line systemic therapy for metastatic colorectal cancer
- Vitamin E for Alzheimer's dementia and mild cognitive impairment
**Gastroenterology**
- Similar Efficacy of Proton-Pump Inhibitors vs H2-Receptor Antagonists in Reducing Risk of Upper Gastrointestinal Bleeding or Ulcers in High-Risk Users of Low-Dose Aspirin

**International Journal for Quality in Health Care**
- Evaluation of a care transition program with pharmacist-provided home-based medication review for elderly Singaporeans at high risk of readmissions

**JAMA Cardiology**
- Atrial Fibrillation, Type 2 Diabetes, and Non–Vitamin K Antagonist Oral Anticoagulants: A Review
http://jamanetwork.com/journals/jamacardiology/fullarticle/2599103

**JAMA Dermatology**
- A Novel Alternate Dosing of Vismodegib for Treatment of Patients with Advanced Basal Cell Carcinomas
http://jamanetwork.com/journals/jamadermatology/article-abstract/2597890

**JAMA Oncology**
- Continued Treatment Effect of Zoledronic Acid Dosing Every 12 vs 4 Weeks in Women with Breast Cancer Metastatic to Bone: The OPTIMIZE-2 Randomized Clinical Trial
http://jamanetwork.com/journals/jamaoncology/fullarticle/2598744

**JAMA Psychiatry**
- D-Cycloserine Augmentation of Exposure-Based Cognitive Behavior Therapy for Anxiety, Obsessive-Compulsive, and Post-traumatic Stress Disorders: A Systematic Review and Meta-analysis
http://jamanetwork.com/journals/jamapsychiatry/fullarticle/2599177

**NEJM**
- A Recombinant Vesicular Stomatitis Virus Ebola Vaccine
- Bezloctoxumab for Prevention of Recurrent Clostridium difficile Infection
- Systemic Therapy for Metastatic Renal-Cell Carcinoma

**Paediatrics**
- Diagnosis, Treatment, and Prevention of Congenital Toxoplasmosis in the United States
http://pediatrics.aappublications.org/content/early/2017/01/26/peds.2016-3860

**UPCOMING EVENTS (new additions in bold)**
**ACI Chronic Care Network**
Bright Spots across the Bush - Lessons in Integrated Care
17 February 2017, Dubbo

**Australian Society for Antimicrobials**
www.antimicrobials2017.com

**HISA NSW**
- My Health Record E-health Record Solutions Workshop, 2-3 March, 2017. Hunter Medical Research Institute (Grounds of John Hunter Hospital, Newcastle)
http://www.hisa.org.au/hisa_event/hisa-nsw-my-health-record/
**ISMP CHA Medication Safety Intensive, Sydney, March 9-10 2017.**
https://children.wcha.asn.au/ismp_med safety

**Informa eMedication Management Conference, 14-15th March 2017, Swissotel, Sydney**

**The Digital Health Show 2017, 29-30th March 2017, Melbourne Convention & Exhibition Centre**

**Health Quality & Safety Commission New Zealand**
Choosing Wisely Symposium, 30th March 2017, Te Papa Museum, Wellington, New Zealand

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https://www.ivvy.com/event/RUG17/

**1st Australasian Diagnostic Error in Medicine Conference, Melbourne, 24-25 May 2017**
www.improvediagnosis.org/AusDEM17

**6th World Congress of Clinical Safety 2017, Roma, Italy, 6-8th September 2017**
Abstract submission to 31 March 2017
http://www.iarmm.org/6WCCS/

**ISQua’s 34th International Conference**
‘Learning at the System Level to Improve Healthcare Quality and Safety’ 1- 4 October 2017, London
http://www.isqua.org/Events/london-2017

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**TAG Mail - 25 January 2017**

**REPORTS AND PUBLICATIONS – AUSTRALIA**

**ACSQHC**

**NPS MedicineWise**
- COPD medicines and inhalers: stepping through the options

**NSW Health**
- Maternal Group B Streptococcus (GBS) and minimisation of neonatal early-onset GBS sepsis
**TGA
- TGA Statutory Advisory Committees: 2017 Changes to Advisory Committees
- Medicine shortages change in status: Metformin extended release tablets (update 4)
- AusPAR added: Kaldyeco (Ivacaftor™) now indicated for the treatment of cystic fibrosis (CF) in patients aged 6 years and older who have an R117H mutation in the CFTR gene.
- AusPAR added: Insulin glargine (rbe) 300 Units/mL (Toujeo™/Edomlu™/Lambeto™) for the treatment of diabetes mellitus in adults.

REPORTS AND PUBLICATIONS – INTERNATIONAL
**FDA
- Plecanatide (Trulance™) approved for the treatment of Chronic Idiopathic Constipation (CIC) in adult patients.
  http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm537725.htm

**CADTH
- Switching from Innovator to Biosimilar (Subsequent Entry) Infliximab: Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines
  https://www.cadth.ca/switching-innovator-biosimilar-subsequent-entry-infliximab-review-clinical-effectiveness-cost-1

**NHS Scotland
- Best Practice Standards for Managing Medicines Shortages in Secondary Care in Scotland

**OECD
- New Health Technologies: Managing Access, Value and Sustainability

MEDICATION SAFETY
**GOV.UK
- Direct-acting antiviral interferon-free regimens to treat chronic hepatitis C: risk of hepatitis B reactivation
- Direct-acting antivirals to treat chronic hepatitis C: risk of interaction with vitamin K antagonists and changes in INR
- Apremilast (Otezla™): risk of suicidal thoughts and behavior

**Healthy Canadians
- Fluoroquinolones - Risk of Disabling and Persistent Serious Adverse Reactions

OTHER NEWS
**eHealth NSW Recruitment
- Rural eHealth Program - Lead Rural eMedicine Pharmacist

PAPERS OF INTEREST
**British Journal of Clinical Pharmacology
- Acid-suppression medications and bacterial gastroenteritis: a population-based cohort study
- A systematic review of the outcomes reported in trials of medication review in older patients: the need for a core outcome set
- Drug-specific hypophosphatemia and hypersensitivity reactions following different intravenous iron infusions
- The value of patient reporting to the pharmacovigilance system: a systematic review

**BMJ**

- Renin angiotensin system inhibitors for patients with stable coronary artery disease without heart failure: systematic review and meta-analysis of randomized trials
  [http://www.bmj.com/content/356/bmj.j4](http://www.bmj.com/content/356/bmj.j4)

**BMJ Open**

- Adherence to guidelines for creatinine and potassium monitoring and discontinuation following renin–angiotensin system blockade: a UK general practice-based cohort study
  [http://bmjopen.bmj.com/content/7/1/e012818](http://bmjopen.bmj.com/content/7/1/e012818)
- Antidepressant use during pregnancy and the risk of major congenital malformations in a cohort of depressed pregnant women: an updated analysis of the Quebec Pregnancy Cohort
  [http://bmjopen.bmj.com/content/7/1/e013372](http://bmjopen.bmj.com/content/7/1/e013372)

**Clinical Toxicology**

- What can clinicians learn from therapeutic studies about the treatment of acute oral methotrexate poisoning?

**Cochrane Library**

- Antibiotics for infection prevention after excision of the cervical transformation zone
- Beta-blockers for hypertension
- Cromolyn sodium for the prevention of chronic lung disease in preterm infants
- Interventions for the prevention of OHSS in ART cycles: an overview of Cochrane reviews
- Nonsteroidal anti-inflammatory drugs for pain in women with endometriosis
- Vitamin D supplementation for sickle cell disease

**European Heart Journal**

- Three, six, or twelve months of dual antiplatelet therapy after DES implantation in patients with or without acute coronary syndromes: an individual patient data pairwise and network meta-analysis of six randomized trials and 11 473 patients

**ESMO Open**

- Biosimilars: a position paper of the European Society for Medical Oncology, with particular reference to oncology prescribers
  [http://esmoopen.bmj.com/content/1/6/e000142](http://esmoopen.bmj.com/content/1/6/e000142)
**JAMA**
- Associations of Antifungal Treatments With Prevention of Fungal Infection in Critically Ill Patients Without Neutropenia
  http://jamanetwork.com/journals/jama/article-abstract/2598246
  http://jamanetwork.com/journals/jama/fullarticle/2598892

**JAMA Cardiology**
- Five-Year Outcome After Implantation of Zotarolimus- and Everolimus-Eluting Stents in Randomized Trial Participants and Non-enrolled Eligible Patients. A Secondary Analysis of a Randomized Clinical Trial
  http://jamanetwork.com/journals/jamacardiology/article-abstract/2598392

**JAMA Ophthalmology**
- Association of Daily Dosage and Type of Statin Agent With Risk of Open-Angle Glaucoma
  http://jamanetwork.com/journals/jamaophthalmology/article-abstract/2597590
- Association of Systemic Medication Use With Intraocular Pressure in a Multiethnic Asian Population. The Singapore Epidemiology of Eye Diseases Study
  http://jamanetwork.com/journals/jamaophthalmology/article-abstract/2595565

**JAMIA**
- Screening for medication errors using an outlier detection system
- Problems with health information technology and their effects on care delivery and patient outcomes: a systematic review

**NEJM**
- Mechanisms, Pathophysiology, and Management of Obesity
- Ocrelizumab versus Interferon Beta-1a in Relapsing Multiple Sclerosis

**Paediatrics**
- Iatrogenic Cushing’s Syndrome Due to Topical Ocular Glucocorticoid Treatment
  http://pediatrics.aappublications.org/content/early/2017/01/17/peds.2016-1233
- Safety of Quadrivalent Meningococcal Conjugate Vaccine in 11- to 21-Year-Olds
  http://pediatrics.aappublications.org/content/139/1/e20162084

**The Lancet**
- Comparison of adjuvant gemcitabine and capecitabine with gemcitabine monotherapy in patients with resected pancreatic cancer (ESPAC-4): a multicentre, open-label, randomised, phase 3 trial
  http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(16)32409-6/fulltext

UPCOMING EVENTS (new additions in bold)

**Australian Digital Health Agency**
- Q&A Webcast: Australian Digital Health Agency, 2-3pm 30th January 2017, Registration required prior to accessing live webcast

**ACI Chronic Care Network**
Bright Spots across the Bush - Lessons in Integrated Care
17 February 2017, Dubbo

**10th Pharmaceutical Care Network Europe (PCNE) Working Conference**
‘Lead – Engage- Disseminate’
1 - 4 February 2017 in Bled, Slovenia.

**Australian Society for Antimicrobials
www.antimicrobials2017.com

**HISA NSW
- My Health Record E-health record solutions workshop
2-3 March, 2017. Hunter Medical Research Institute (Grounds of John Hunter Hospital, Newcastle)
http://www.hisa.org.au/hisa_event/hisa-nsw-my-health-record/

https://children.wcha.asn.au/ismp_medsafety

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1- 4 October 2017, London
http://www.isqua.org/Events/london-2017

TAG Mail - 18 January 2017

REPORTS AND PUBLICATIONS – AUSTRALIA
**ACSQHC
- Advisory A16/04: Medication management plan
**AIHW**
- Staphylococcus aureus bacteraemia in Australian public hospitals 2015-16: Australian hospital statistics

**TGA**
- AusPAR added: Human Papillomavirus 9 valent vaccine
- Updates to the Prescribing Medicines in Pregnancy Database: six new registered medicines added and two previously registered medicines added
- Literature review on the safety of titanium dioxide and zinc oxide nanoparticles in sunscreens
- Consultations on adoption of European Union guidelines in Australia: Outcome of previous consultation

**REPORTS AND PUBLICATIONS – INTERNATIONAL**

**CADTH**
- Buprenorphine for Chronic Pain: A Review of the Clinical Effectiveness
  https://www.cadth.ca/buprenorphine-chronic-pain-review-clinical-effectiveness-0

**CDC Expert Commentary**
- Is This Patient Really Allergic to Penicillin?

**GOV.UK**
- Ionising Radiation (Medical Exposure) Regulations 2000 (IRMER)

**HQSC NZ**
- Presentations from national advance care planning forum

**OECD**
- Tackling wasteful spending on health

**NICE**
- Refractory extrapulmonary sarcoidosis: infliximab – evidence summary
  https://www.nice.org.uk/advice/es4/chapter/Key-points-from-the-evidence
- Medicines optimization: key therapeutic topics (2017 update). New topics include multimorbidity and polypharmacy; psychotropic medicines in people with learning disabilities; safer insulin prescribing; medicines optimisation in long-term pain
  https://www.nice.org.uk/about/what-we-do/our-programmes/nice-advice/key-therapeutic-topics

**Specialist Pharmacy Service**
- How can we minimise the risks to patients when using intravenous phenytoin in status epilepticus (SE)?
- Is there Evidence to Support the use of Enteric Coated (EC) Aspirin to Reduce Gastrointestinal Side Effects in Cardiovascular Patients?
**WHO**  
- Technical Series on Safer Primary Care – Medication Errors  

**MEDICATION SAFETY**  
**NSW Health**  
- Safety Alert – Insufflator Gas Connectors  

**FDA**  
- Safety Communication: Implantable Infusion Pumps in the Magnetic Resonance (MR) Environment - Important Safety Precautions  

**OTHER NEWS**  
**AEDES**  
- Falsified & sub-standard medicines: dangers of death  

**CEC**  
- Medication Safety and Quality Newsletter, December 2016  

**PAPERS OF INTEREST**  
**Age and Ageing**  
- Potentially inappropriate prescribing to older patients in primary care in the Netherlands: a retrospective longitudinal study  
- Potentially inappropriate medication prescribing is associated with socioeconomic factors: a spatial analysis in the French Nord-Pas-de-Calais Region  

**AJHP**  
- Impact of a national antimicrobial stewardship mentoring program: Insights and lessons learned  
  [http://www.ajhp.org/content/early/2017/01/10/ajhp160379](http://www.ajhp.org/content/early/2017/01/10/ajhp160379)
- Significant publications on infectious diseases pharmacotherapy in 2015  
  [http://www.ajhp.org/content/early/2017/01/10/ajhp160090](http://www.ajhp.org/content/early/2017/01/10/ajhp160090)

**Annals of Internal Medicine**  
- Benefits and Harms of Intensive Blood Pressure Treatment in Adults Aged 60 Years or Older: A Systematic Review and Meta-analysis  

**British Journal of Clinical Pharmacology**  
- The effect of prescriber education on medication-related patient harm in the hospital: a systematic review  
- Aprepitant in pediatric patients using moderate and highly emetogenic protocols: a systematic review and meta-analyses of randomized controlled trials  
- The impact of olodaterol on the risk of mortality and serious adverse events: a systematic review and meta-analysis
- GPs’ perspectives on prescribing for older people in primary care: a qualitative study
- Safety profile of the direct oral anticoagulants: an analysis of the WHO database of adverse drug reactions

**British Journal of Surgery**
- Randomized clinical trial of preoperative skin antisepsis with chlorhexidine gluconate or povidone–iodine

**Cochrane Library**
- Aspirin for acute treatment of episodic tension-type headache in adults
- Combined beta-agonists and anticholinergics compared to beta-agonists alone for adults with asthma treated in emergency departments
- Polyclonal and monoclonal antibodies for induction therapy in kidney transplant recipients
- Topical capsaicin (high concentration) for chronic neuropathic pain in adults
- Treatments for chronic inflammatory demyelinating polyradiculoneuropathy (CIDP): an overview of systematic reviews
- First-line combination therapy versus first-line monotherapy for primary hypertension
- Prophylactic non-steroidal anti-inflammatory drugs for the prevention of macular oedema after cataract surgery

**Drug and Therapeutics Bulletin**
- An update on LAMA/LABA combinations for COPD
  http://dtb.bmj.com/content/55/1/2.2.short?g=w_dtb_currentissue_tab

**EJHP**
- On-call hospital pharmacy services: a perspective from NHS Tayside, Scotland
  http://ejhp.bmj.com/content/early/2017/01/11/ejhpharm-2016-001138.short?g=w_ejhp_ahead_tab
- UK hospital patient discharge: the patient perspective
  http://ejhp.bmj.com/content/early/2017/01/13/ejhpharm-2016-001134.abstract
- Individualised antimicrobial dosing in critically ill patients undergoing continuous renal replacement therapy: focus on total drug clearance
  http://ejhp.bmj.com/content/early/2017/01/13/ejhpharm-2016-001114.abstract
- A naturalistic evaluation of the financial benefits of employing a mental health pharmacist to work with child and adolescent mental health services
  http://ejhp.bmj.com/content/early/2017/01/13/ejhpharm-2016-001058.abstract

**JAMIA**
- Standard-based comprehensive detection of adverse drug reaction signals from nursing statements and laboratory results in electronic health records
  http://jamia.oxfordjournals.org/content/early/2017/01/13/jamia.ocw168

**JAMA**
- Effect of Etelcalcetide vs Cinacalcet on Serum Parathyroid Hormone in Patients Receiving Hemodialysis with Secondary Hyperparathyroidism: A Randomized Clinical Trial
  http://jamanetwork.com/journals/jama/fullarticle/2596294
**JAMA Oncology**
- Diagnosis and Management of Waldenström Macroglobulinemia, Mayo Stratification of Macroglobulinemia and Risk-Adapted Therapy (mSMART) Guidelines 2016
  http://jamanetwork.com/journals/jamaoncology/fullarticle/2595783

**JAMA Internal Medicine**
- Evaluation of Potencies of Immune Globulin Products against Hepatitis A
  http://jamanetwork.com/journals/jamainternalmedicine/fullarticle/2596006

**MJA**
- Reducing medication errors in hospital discharge summaries: a randomised controlled trial
- The challenge of discharge: combining medication reconciliation and discharge planning

**NEJM**
- Tranexamic Acid in Patients Undergoing Coronary-Artery Surgery
- Trial of Amitriptyline, Topiramate, and Placebo for Pediatric Migraine

**The Lancet**
- Diabetes and Endocrinology
  - Day-and-night glycaemic control with closed-loop insulin delivery versus conventional insulin pump therapy in free-living adults with well controlled type 1 diabetes: an open-label, randomised, crossover study
    http://www.thelancet.com/journals/landia/article/PIIS2213-8587(17)30001-3/fulltext

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**ACI Chronic Care Network**
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17 February 2017, Dubbo

**Australian Society for Antimicrobials**
www.antimicrobials2017.com

**HarvardX (free online courses from Harvard University)**
- PH556X: Practical Improvement Science in Health Care: A Roadmap for Getting Results, Enrolment is open commences 18th January 2017 (2-5 hours per week, 7 weeks)
  https://www.edx.org/course/ph556x-practical-improvement-science-harvardx-ph556x-0

**10th Pharmaceutical Care Network Europe (PCNE) Working Conference**
‘Lead – Engage - Disseminate’
1 - 4 February 2017 in Bled, Slovenia.

**HISA NSW**
- My Health Record E-health record solutions workshop
2-3 March, 2017. Hunter Medical Research Institute (Grounds of John Hunter Hospital, Newcastle)  
http://www.hisa.org.au/hisa_event/hisa-nsw-my-health-record/  
https://children.wcha.asn.au/ismp_medsafety  
**Informa eMedication Management Conference, 14-15th March 2017, Swissotel, Sydney  
**CADTH Symposium, April 23, 2017 - April 25, 2017: Shaw Centre, Ottawa, Ontario  
https://www.cadth.ca/events/2017-cadth-symposium  
**2017 NSW Patient Experience Symposium, 1st-2nd May 2017 Bay 4, Australian Technology Park, Eveleigh NSW  
https://www.ivvy.com/event/RUG17/  
**1st Australasian Diagnostic Error in Medicine Conference, Melbourne, 24-25 May 2017  
www.improvediagnosis.org/AusDEM17  
**6th World Congress of Clinical Safety 2017, Roma, Italy, 6-8th September 2017  
Abstract submission to 31 March 2017  
http://www.iarmm.org/6WCCS/  
**ISQua’s 34th International Conference  
‘Learning at the System Level to Improve Healthcare Quality and Safety’  
1-4 October 2017, London  
http://www.isqua.org/Events/london-2017

TAG Mail - 11 January 2017

REPORTS AND PUBLICATIONS – AUSTRALIA
**NPS MedicineWise
- New report: Contradicting views on reasons behind unnecessary tests  
- MedicineInsight data  

**NSW Health
- Responding to needs of people with disability during hospitalisation  
- NSW framework for new health technologies and specialised services  

**TGA
- Recall: Chinese Sports Injuries Pill (Zhong Guo Die Da Wan) – potential for adverse events related to aristolochic acid  
- Recall: Sleep safe tubing systems (used in peritoneal dialysis) – risk of infection due to leakage  
- AusPAR added: Alirocumab (rch) (Praluent™/Golyra™/Eliriduc™) – new biological entity  
- AusPAR added: Emtricitabine/Tenofovir alafenamide (Descovy™) – new fixed dose combination

REPORTS AND PUBLICATIONS – INTERNATIONAL

**FDA
- Nusinersen (Spinraza™) approved to treat children and adults with spinal muscular atrophy (SMA)
  http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm534611.htm

**EMA
- EPAR added: Venetoclax (Venclyxto™) for the treatment of CLL
- EPAR added: Obeticholic acid (Ocaliva™) for the treatment of primary biliary cholangitis

**NICE
- Intravenous fluid therapy in adults in hospital
  https://www.nice.org.uk/guidance/cg174
- Tuberculosis
  https://www.nice.org.uk/guidance/qs141
- Learning disabilities: identifying and managing mental health problems
  https://www.nice.org.uk/guidance/qs142

**WHO
- WHO Drug Information Volume 30, N° 4, 2016
  The Safety news section highlights information on adverse drug reactions and recommendations including labeling changes, as well as findings of non-compliance with good practices.

MEDICATION SAFETY

**NSW Health
- Safety Alert – HYDROMorphine: High-risk medicine (Supersedes SA:004/11 and SN:011/10)

**TGA
- Safety advisory: Combined hormonal contraceptives – updated information about the risk of blood clots
- Medicines Safety Update Volume 7 Number 5, October – December 2016: Combined hormonal contraceptives and risk of venous and arterial thromboembolism; Antidepressants – communicating risks and benefits to patients; ACSOM and ACSOV coming to an end; Adrenaline autoinjectors for single use only

**MHRA
- Alaris® syringe pumps (all models) – risk of uncontrolled bolus of medicine with non-recommended syringes

**CADTH
- New safety information on injectable gadolinium-based contrast agents used in MRI scans

OTHER NEWS

**Victorian institute of Forensic Medicine Clinical Communique
- Three Australian cases where medication errors contributed to the cause of death
  http://www.vifmcommuniques.org/?p=4838
**PAPERS OF INTEREST**

**Age and Ageing**
- Danish register-based study on the association between specific antipsychotic drugs and fractures in elderly individuals.
  [http://ageing.oxfordjournals.org/content/early/2016/12/07/ageing.afw209.long](http://ageing.oxfordjournals.org/content/early/2016/12/07/ageing.afw209.long)

**Am J Cardiol**
- Impact of an Interaction between Clopidogrel and Selective Serotonin Reuptake Inhibitors.

**AJHP**
- ASHP Foundation Pharmacy Forecast 2017: Strategic Planning Advice for Pharmacy Departments in Hospitals and Health Systems
  [http://www.ajhp.org/content/74/2/27](http://www.ajhp.org/content/74/2/27)
- ASHP Guidelines on Preventing Diversion of Controlled Substances
  [http://www.ajhp.org/content/early/2016/12/22/ajhp160919](http://www.ajhp.org/content/early/2016/12/22/ajhp160919)
- Implementation of solutions to reduce opioid-induced oversedation and respiratory depression
  [http://www.ajhp.org/content/early/2016/12/14/ajhp160208](http://www.ajhp.org/content/early/2016/12/14/ajhp160208)
- Expanding transplant pharmacist presence in pretransplantation ambulatory care
  [http://www.ajhp.org/content/74/2/22](http://www.ajhp.org/content/74/2/22)
- Role of agents for reversing the effects of target-specific oral anticoagulants
  [http://www.ajhp.org/content/74/2/54](http://www.ajhp.org/content/74/2/54)
- Medication errors associated with transition from insulin pens to insulin vials
  [http://www.ajhp.org/content/74/2/70](http://www.ajhp.org/content/74/2/70)
  [http://www.ajhp.org/content/74/2/76](http://www.ajhp.org/content/74/2/76)

**Aust J Prim Health**
- Assessing the uptake and effectiveness of a quick reference guide to antibiotic prescribing in Australian general practice

**BMJ Open**
- Effectiveness of an improvement programme to prevent interruptions during medication administration in a paediatric hospital: a preintervention–postintervention study
  [http://bmjopen.bmj.com/content/7/1/e013285.short?g=w_open_current_tab](http://bmjopen.bmj.com/content/7/1/e013285.short?g=w_open_current_tab)

**BMJ Quality and Safety**
- A primer on PDSA: executing plan–do–study–act cycles in practice, not just in name
  [http://qualitysafety.bmj.com/content/early/2016/12/16/bmjqs-2016-006245.full.pdf+html](http://qualitysafety.bmj.com/content/early/2016/12/16/bmjqs-2016-006245.full.pdf+html)
- What we know about designing an effective improvement intervention (but too often fail to put into practice
  [http://qualitysafety.bmj.com/content/early/2016/12/16/bmjqs-2016-006143.full.pdf+html](http://qualitysafety.bmj.com/content/early/2016/12/16/bmjqs-2016-006143.full.pdf+html)
- Combining qualitative and quantitative operational research methods to inform quality improvement in pathways that span multiple settings
  [http://qualitysafety.bmj.com/content/early/2017/01/06/bmjqs-2016-005636.full.pdf+html](http://qualitysafety.bmj.com/content/early/2017/01/06/bmjqs-2016-005636.full.pdf+html)

**Chest**
- Antipsychotic Use and Risk of Hospitalization or Death Due to Pneumonia in Persons with and Those without Alzheimer Disease

**Circulation**
- Treatment with Tissue Plasminogen Activator in the Golden Hour and the Shape of the 4.5-Hour Time-Benefit Curve in the National United States Get With The Guidelines-Stroke Population
  http://circ.ahajournals.org/content/135/2/128

**Cochrane Library**
- Early administration of inhaled corticosteroids for preventing chronic lung disease in very low birth weight preterm neonates
- Fulvestrant for hormone-sensitive metastatic breast cancer
- Gabapentin for fibromyalgia pain in adults
- Gamma aminobutyric acid (GABA) modulators for amyotrophic lateral sclerosis/motor neuron disease
- Short-acting erythropoiesis-stimulating agents for anaemia in predialysis patients

**EJHP**
- Pharmacist-led interdisciplinary medication reconciliation using comprehensive medication review in gynaecological oncology patients: a prospective study
  http://ejhp.bmj.com/content/early/2016/12/20/ejhpharm-2016-000937.abstract

**Internal Medicine Journal**
- Lyme disease: why the controversy?

**International Journal for Quality in Health Care**
- Learning from the design, development and implementation of the Medication Safety Thermometer
  http://intqhc.oxfordjournals.org/content/early/2016/12/28/intqhc.mzw149
- Evaluation of a care transition program with pharmacist-provided home-based medication review for elderly Singaporeans at high risk of readmissions
  http://intqhc.oxfordjournals.org/content/early/2016/12/28/intqhc.mzw150

**JACC**
- Causes of death in anticoagulated patients with atrial fibrillation

**JAMA**
- Effect of Longer-Interval vs Standard Dosing of Zoledronic Acid on Skeletal Events in Patients with Bone Metastases: A Randomized Clinical Trial
  http://jamanetwork.com/journals/jama/article-abstract/2595526

**JAMA Cardiology**
- Discontinuation of Warfarin Therapy for Patients with Atrial Fibrillation: The Michigan Anticoagulation Quality Improvement Initiative Experience
  http://jamanetwork.com/journals/jamacardiology/article-abstract/2595572
- Rate of Statin Prescription in Younger Patients with Severe Dyslipidemia
  http://jamanetwork.com/journals/jamacardiology/article-abstract/2594830

**JAMA Internal Medicine**
- Clarifying a “Penicillin” Allergy-A Teachable Moment
  http://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2594806
- Effect of Fish Oil Supplementation and Aspirin Use on Arteriovenous Fistula Failure in Patients Requiring Hemodialysis: A Randomized Clinical Trial
  http://jamanetwork.com/journals/jamainternalmedicine/article-abstract/2594802
**JAMA Oncology**  
Assessment of Overall Survival, Quality of Life, and Safety Benefits Associated with New Cancer Medicines  

**JAMA Pediatrics**  
Comparative Effectiveness of Nonsteroidal Anti-inflammatory Drug Treatment vs No Treatment for Patent Ductus Arteriosus in Preterm Infants  
[http://jamanetwork.com/journals/jamapediatrics/fullarticle/2594390](http://jamanetwork.com/journals/jamapediatrics/fullarticle/2594390)

**JAMA Psychiatry**  
Association Between Antipsychotic Agents and Risk of Acute Respiratory Failure in Patients With Chronic Obstructive Pulmonary Disease  

**NEJM**  
Cardiovascular Safety of Celecoxib, Naproxen, or Ibuprofen for Arthritis  

Fish Oil–Derived Fatty Acids in Pregnancy and Wheeze and Asthma in Offspring  

Shortened Antimicrobial Treatment for Acute Otitis Media in Young Children  

Ticagrelor versus Clopidogrel in Symptomatic Peripheral Artery Disease  

**Pediatrics**  
Diphenhydramine for Acute Extrapyramidal Symptoms after Propofol Administration  
[https://pediatrics.aappublications.org/content/early/2017/01/03/peds.2016-1135](https://pediatrics.aappublications.org/content/early/2017/01/03/peds.2016-1135)

**The Lancet**  
An intensified dosing schedule of subcutaneous methotrexate in patients with moderate to severe plaque-type psoriasis (METOP): a 52 week, multicentre, randomised, double-blind, placebo-controlled, phase 3 trial  

**Throm Res**  
Antithrombotic therapy after bioprosthetic aortic valve implantation: Warfarin versus aspirin, a randomized controlled trial.  
[https://linkinghub.elsevier.com/retrieve/pii/S0049-3848(16)30641-7](https://linkinghub.elsevier.com/retrieve/pii/S0049-3848(16)30641-7)

**UPCOMING EVENTS (new additions in bold)**

**Australian Society for Antimicrobials**  
Adelaide. 23 - 25 February and 25 - 26 February 2017  
[www.antimicrobials2017.com](http://www.antimicrobials2017.com)

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