



NSW
Therapeutic
Advisory
Group Inc.

Advancing
quality use
of medicines
in NSW

TAG Mail 2020 (January - June)

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

TAG Mail – 19 March 2020

COVID-19 RESOURCES & ARTICLES OF INTEREST

Australian

- **ABC** Coronacast - [link](#)
- **ACSQHC**: Coronavirus (COVID-19) and Infection Control - [link](#)
- **Australian and New Zealand Intensive Care Society (ANZICS)**: COVID-19 Guidelines (V.1) - [link](#)
- **Beyond Blue**: Looking after your mental health during the coronavirus outbreak - [link](#)
- **Clinical Information Access Portal (CIAP)**: COVID-19 Resources
- **Clinical Excellence Commission**: Coronavirus COVID-19 Resources - [link](#)
- **Department of Health**
 - Subscription service for COVID-19 newsletter for GPs now available - [link](#)
 - How to protect yourself and the people you are caring for from infection with COVID-19 - [link](#)
 - FAQs about coronavirus (COVID-19) - [link](#)
 - COVID-19 prevention guidelines issued to Aged Care providers - [link](#)
 - Webinar on COVID-19 aged care preparation for home environments - [link](#)
 - COVID-19 Home Medicines Service program to support delivery of medicines to patients - [link](#)
- **National Asthma Council**: COVID-19 and your asthma patients – [link](#)
- **NPS MedicineWise**: new [online educational program](#) which focuses on the diagnosis and treatment of childhood asthma
- **NSW Health**: Updated advice for health professionals as of 17 March 2020 - [link](#)
- **SHPA** COVID-19 member forum [home page](#), topics include medicine supply, staff deployment, clinical management in critical care and emergency departments. Key COVID-19 websites and resources are also listed on the forum home page.
- **TGA**
 - TGA response to coronavirus (COVID-19) - [link](#)
 - TGA cautions against over-buying medicines - [link](#)
- **The Royal Australian College of General Practitioners (RACGP)**
 - Coronavirus (COVID-19) information for GPs - [link](#)
 - Be wary of what you see on social media: RACGP - [link](#)
- **The Royal Australian College of Obstetricians and Gynaecologists**
 - A message for pregnant women and their families (16 March 2020) - [link](#)
- **Victorian Institute of Forensic Medicine**
 - VIFM Preparedness for COVID-19 - [link](#)

International

- Country statistics apps – case [link](#) – mortality [link](#) – noting case ascertainment varies with diagnostic facilities and health service access etc
- CDC: COVID-19 interim guidelines - [link](#); COVID-19: Disinfecting your home if someone is sick - [link](#)
- European Society of Cardiology: Advice to GPs not to switch patients off ACE-I or ARBs following [Lancet letter](#) - [link](#)
- IDstewardship.com: Resources for Pharmacists- [link](#)

- Medscape: [Practice Essentials](#) Coronavirus Disease 2019 (COVID-19)
- NEJM: Podcast 256 Anthony Fauci: Talking with patients about COVID-19 - [link](#); Coronavirus Update – listen to recorded conversations - [link](#); Interview on new research on possible treatments for Covid-19 (19/3/20) - [link](#)
- Pharmaceutical Journal [Infographic](#): The race to stop COVID-19
- GOV.UK: COVID-19 guidance - [link](#); Advice on use of ibuprofen in patients with coronavirus (COVID 19) - [link](#)
- University of Liverpool: Prescribing [Resources](#) for the experimental agents in the treatment of COVID-19
- WHO
- WHO interim guidance 13 March 2020: Clinical management of severe acute respiratory infection (SARI) when COVID-19 disease is suspected - [link](#)
- Staff deployment and quarantine resources – [link](#)
- Prescriber: UK sources of advice for healthcare professionals and the public on coronavirus - [link](#)

Peer-reviewed Articles

- BMJ: Doctors' wellbeing: self-care during the covid-19 pandemic - [link](#); Editorial: Video consultations for covid-19 - [link](#)
- European Heart Journal - Coronaviruses and the cardiovascular system: acute and long-term implications - [link](#)
- JAMA clinical update: Care for Critically Ill Patients With COVID-19 - [link](#)
- JAMA Pediatrics: What Does the Coronavirus Disease 2019 (COVID-19) Mean for Families? - [link](#)
- Kidney International: The Novel Coronavirus 2019 epidemic and kidneys - [link](#)
- Lancet: Clinical course and risk factors for mortality of adult inpatients with COVID-19 in Wuhan, China: a retrospective cohort study – [link](#)
- Lancet: Early dynamics of transmission and control of COVID-19:mathematical modelling study - [link](#)
- MJA: Pre-emptive low cost social distancing and enhanced hygiene implemented before local COVID-19 transmission could decrease the number and severity of cases - [link](#)
- MJA: Early clinical response to a high consequence infectious disease outbreak at the Royal Melbourne Hospital Emergency Department – insights from COVID-19 - [link](#)
- MJA: Consensus statement: Safe Airway Society principles of airway management and tracheal intubation specific to the COVID-19 adult patient group - [link](#)
- MJA: COVID-19 precautions – easier said than done when patients are homeless - [link](#)
- NEJM: A Trial of Lopinavir–Ritonavir in Adults Hospitalized with Severe Covid-19 - [link](#)
- NEJM: Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1 - [link](#)
- Pediatrics: COVID-19 in Children: Initial Characterization of the Pediatric Disease - [link](#)
- Pediatrics: Epidemiological Characteristics of 2143 Pediatric Patients with 2019 Coronavirus Disease in China - [link](#)

REPORTS AND PUBLICATIONS – AUSTRALIA

Australian Institute for Health and Welfare (AIHW)

- Indigenous injury deaths 2011-2015 to 2015-2016 - [link](#)
- Child protection Australia: children in the child protection system - [link](#)
- Child protection Australia 2018 -19 - [link](#)
- Infographic: child protection Australia 2018-2019 stats mat - [link](#)

NSW Health Intranet

- Your Training and Wellbeing Matters Survey Poster 2020 - [link](#)
- Influenza Surveillance Report - [link](#)

PBS

- Drug Utilisation Sub-Committee (DUSC) Outcome Statement - [link](#)
- Post-market review of medicines for smoking cessation - [link](#)

TGA

- Update on proposed clarification that certain sports supplements are therapeutic goods - [link](#)
- Changes to the Permissible Ingredients Determination - [link](#)
- Planning vital when using patient handling slings - [link](#)
- Surgical staplers: TGA reviews device incident reports - [link](#)

- Consider the whole picture when testing troponin levels - [link](#)
- Updated cleaning instructions for long-term nasogastric tubes - [link](#)
- 2020 seasonal influenza vaccines - [link](#)

AusPARs:

- [Doravine](#) and doravine/lamivudine/tenofovir disoproxil fumarate – for HIV-1 infection in adults who are antiretroviral therapy (ART)-naïve with no known substitutions associated with resistance to doravirine, lamivudine, or tenofovir
- [Mecasermin](#) – for long-term treatment of growth failure in children and adolescents from 2 to 18 years with severe primary insulin-like growth factor 1 deficiency (Primary IGFD)

REPORTS AND PUBLICATIONS – INTERNATIONAL

Agency for Healthcare Research and Quality (AHRQ) USA

- Making Healthcare Safer III: A Critical Analysis of Existing and Emerging Patient Safety Practices – [link](#)
- Network of Patient Safety Databases Chartbook - [link](#)
- A Decade of Patient Safety 2020-2030 - [link](#)
- Prevalence, nature and predictors of omitted medication doses in mental health hospitals: a multi-centre study - [link](#)
- Interventions to reduce adverse drug event-related outcomes in older adults: a systematic review and meta-analysis - [link](#)
- How does the WHO Surgical Safety Checklist fit with existing perioperative risk management strategies? An ethnographic study across surgical specialties - [link](#)
- Overprescribing of opioids to adults by dentists in the U.S., 2011-2015 – [link](#)
- Ensuring successful implementation of communication-and-resolution programmes - [link](#)
- A review of adverse event reports from emergency departments in the Veterans Health Administration - [link](#)
- Analysis of pharmacist-identified medication-related problems at two United Kingdom hospitals: a prospective observational study – [link](#)
- A systematic review exploring the content and outcomes of interventions to improve psychological safety, speaking up and voice behaviour - [link](#)
- Adverse outcomes of polypharmacy in older people: systematic review of reviews - [link](#)
- Potentially Preventable Readmissions: Conceptual Framework to Rethink the Role of Primary Care: Final Report - [link](#)

Care Quality Commission (UK)

- Getting safer faster: key areas for improvement in maternity services - [link](#)

Food and Drug Administration (FDA) USA

- New Drug approvals
- Combination of [nivolumab and ipilimumab](#) as treatment for hepatocellular carcinoma in patients who have been previously treated with sorafenib

National Institute for Health and Clinical Excellence (NICE) UK

- Tinnitus: assessment and management [NG155] - [link](#)
- Antihypertensive drug treatment: does bedtime administration improve cardiovascular risk reduction? (medicines evidence commentary) - [link](#)

Royal Pharmaceutical Society

- New guide helps people keep safe when getting medicines or treatment online - [link](#)

MEDICATION SAFETY

electronic Medicines Compendium (eMC) (UK) - Revised SPCs

- Ameluz® ([5-aminolevulinic acid hydrochloride](#)) updated regarding treatment of body regions other than face and scalp for actinic keratoses
- Venclyxto® ([venetoclax](#)) updated with new indication of use in combination with obinutuzumab for the treatment of adult patients with previously untreated chronic lymphocytic leukaemia. Serious infections including sepsis with fatal outcome added.

- Efexor XL® ([venlafaxine](#)) updated with the addition of 'takotsubo cardiomyopathy' adverse reaction.
- Maviret® ([glecaprevir and pibrentasvir](#)) - revised to shorten treatment duration in treatment-naïve subjects with compensated cirrhosis and HCV GT3 infection, from 12 to 8 weeks.
- Brintellix® ([vortioxetine](#)) - now states sexual dysfunction showed no difference to placebo with doses of 5 to 15mg but 20 mg dose associated with increase in sexual dysfunction in clinical studies.
- Immodium® ([loperamide](#)) - now details that overdose can unmask existing Brugada syndrome: patients should not exceed the recommended dose and/or the recommended duration of treatment.

EMA

- Pharmacovigilance Risk Assessment Committee highlights - [link](#)
- review starting of certain ifosfamide cancer medicines
- new testing and treatment recommendations for fluorouracil, capecitabine, tegafur and flucytosine
- recommends suspension of ulipristal acetate during ongoing review of liver injury risk

Health Quality & Safety Commission New Zealand

- Medication alert 18: Thrombolysis for acute ischaemic stroke - [link](#)

Institute for Safe Medication Practices (ISMP) USA

- Medication Safety Alert! [March 12, 2020](#)
- Do You Know What Doses Are Being Programmed in the OR? Make it an Expectation to Use Smart Infusion Pumps with DERS - [link](#)
- You need to relabel this generic insulin pen - [link](#)
- Potential harm from tablet mix-ups due to similar imprints and appearance - [link](#)

Medicines and Healthcare products Regulatory Agency (MHRA) UK

- Class 2 drug alert, action within 48 hours, patient level recall Esmya® 5mg tablets ([ulipristal acetate](#))

TGA

- Dragon 'Wolverine' tablets - [link](#)

Specialist Pharmacy Services

- Administration of [tobramycin via a nebuliser](#): If it is necessary to administer tobramycin injection via nebuliser instead of licensed nebuliser solution then it is critical a phenol-free formulation of injection is used. This document outlines risks linked to using injection instead of nebuliser solution for this indication.

PAPERS OF INTEREST

American Journal of Health-System Pharmacy (AHJP)

- A framework to increase prescription capture from health-system clinics - [link](#)

Annals of Internal Medicine

- Editorial: Combined Antiplatelet and Anticoagulant Therapy in Patients with Atrial Fibrillation Undergoing Percutaneous Coronary Intervention: Navigating between Scylla and Charybdis - [link](#)
- Dual Versus Triple Therapy for Atrial Fibrillation after Percutaneous Coronary Intervention: A Systematic Review and Meta-analysis – [link](#)

-Australian Journal of General Practice

- Long-term management of elderly patients taking immunosuppressive medications - [link](#)

BMJ Quality and Safety

- Estimating misclassification error in a binary performance indicator: case study of low value care in Australian hospitals – [link](#)

British Journal of Clinical Pharmacology

- Development of a structured clinical pharmacology review for specialist support for management of complex polypharmacy in primary care - [link](#)
- Quality of clinical direct oral anticoagulant prescribing and identification of risk factors for inappropriate prescriptions - [link](#)

- Effect of ciclosporin on safety, lymphocyte kinetics and left ventricular remodeling in acute myocardial infarction - [link](#)

British Medical Journal (BMJ)

- Perioperative interventions for prevention of postoperative pulmonary complications: systematic review and meta-analysis - [link](#)
- Egg consumption and risk of cardiovascular disease: three large prospective US cohort studies, systematic review, and updated meta-analysis - [link](#)
- DTB select: Can a point-of-care CRP test reduce antibiotic use in COPD? - [link](#)

Canadian Medical Association Journal (CMAJ)

- Clinical guideline for homeless and vulnerably housed people, and people with lived homelessness experience - [link](#)

Circulation

- Rivaroxaban Plus Aspirin Versus Aspirin Alone in Patients with Prior Percutaneous Coronary Intervention (COMPASS-PCI) - [link](#)

Cochrane

- Topical benzoyl peroxide for acne - [link](#)
- Immunosuppressive agents for treating IgA nephropathy - [link](#)
- Pharmacological interventions for preventing clotting of extracorporeal circuits during continuous renal replacement therapy - [link](#)

Diabetes Care

- Incidence and Associations of Chronic Kidney Disease in Community Participants with Diabetes: A 5-Year Prospective Analysis of the EXTEND45 Study - [link](#)

European Journal of Hospital Pharmacy

- An investigation into prescribing errors made by independent pharmacist prescribers and medical prescribers at a large acute NHS hospital trust: a cross-sectional study – [link](#)

International Journal of Clinical Pharmacy

- The effect of inpatient pharmaceutical care on nephrotic syndrome patients after discharge: a randomized controlled trial - [link](#)
- Risk of major bleeding in elderly patients with atrial fibrillation on direct oral anticoagulants: real world experience - [link](#)
- Home medicines reviews and residential medication management reviews in Western Australia - [link](#)

International Journal for Quality in Health Care

- It's time to step it up. Why safety investigations in healthcare should look more to safety science - [link](#)
- Using Safety-II and resilient healthcare principles to learn from Never Events - [link](#)

JAMA Cardiology

- Association of the Duration of Ideal Cardiovascular Health through Adulthood with Cardiometabolic Outcomes and Mortality in the Framingham Offspring Study – [link](#)

JAMA Internal Medicine

- Development and Validation of a Penicillin Allergy Clinical Decision Rule - [link](#)

JAMA Otolaryngology

- Intratympanic vs Systemic Corticosteroids in First-line Treatment of Idiopathic Sudden Sensorineural Hearing Loss. A Systematic Review and Meta-analysis - [link](#)

JAMA Pediatrics

- Association Between Proton Pump Inhibitor Use and Risk of Fracture in Children - [link](#)

JAMA Psychiatry

- Review: Prevention of Psychosis: Advances in Detection, Prognosis, and Intervention - [link](#)

JAMA Surgery

- Viewpoint: Disappointing Early Results from Opioid Prescribing Limits for Acute Pain - [link](#)
- Recommendations for the Prescription of Opioids at Discharge after Abdominopelvic Surgery
A Systematic Review - [link](#)

Journal of Palliative Medicine

- Topical Ketamine with Other Adjuvants: Underutilized for Refractory Cancer Pain? A Case Series
and Suggested Revision of the World Health Organization Stepladder for Cancer Pain – [link](#)

Lancet

- Triple artemisinin-based combination therapies versus artemisinin-based combination therapies for
uncomplicated Plasmodium falciparum malaria: a multicentre, open-label, randomised clinical trial -
[link](#)
- Guselkumab in patients with active psoriatic arthritis who were biologic-naive or had previously
received TNF α inhibitor treatment (DISCOVER-1): a double-blind, randomised, placebo-controlled
phase 3 trial - [link](#)
- Guselkumab in biologic-naive patients with active psoriatic arthritis (DISCOVER-2): a double-blind,
randomised, placebo-controlled phase 3 trial - [link](#)
- Efficacy of a tetravalent dengue vaccine in healthy children aged 4–16 years: a randomised,
placebo-controlled, phase 3 trial - [link](#)
- Pertuzumab, trastuzumab, and docetaxel for HER2-positive metastatic breast cancer
(CLEOPATRA): end-of-study results from a double-blind, randomised, placebo-controlled, phase 3
study - [link](#)
- Psychiatric symptoms caused by cannabis constituents: a systematic review and meta-analysis - [link](#)
- Drug-associated adverse events in the treatment of multidrug-resistant tuberculosis: an individual
patient data meta-analysis - [link](#)
- Results from the first English stool bank using faecal microbiota transplant as a medicinal product for
the treatment of Clostridioides difficile infection - [link](#)

Medical Journal of Australia

- Antidepressant-induced sexual dysfunction - [link](#)
- Cardiovascular disease risk assessment for Aboriginal and Torres Strait Islander adults aged under
35 years: a consensus statement - [link](#)

Molecular Diversity Preservation International (MDPI) – Pharmacy Journal

- Effects of a Remote Antimicrobial Stewardship Program on Antimicrobial Use in a Regional Hospital
System – [link](#)
- Advancing Pharmacy Practice through an Innovative Ambulatory Care Transitions Program at an
Academic Medical Center – [link](#)

New England Journal of Medicine

- Association of Aspirin with Hepatocellular Carcinoma and Liver-Related Mortality - [link](#)

Patient Education and Counseling

- Engaging patients and families in communication across transitions of care: integrative review - [link](#)

Pediatrics

- Commentary: Benzalkonium Chloride in Albuterol Solutions: Time for a Change? - [link](#)
- Antibiotic Use and Outcomes in Children in the Emergency Department with Suspected Pneumonia
- [link](#)

Public Health Research & Practice

- Improving palliative and end-of-life care for rural and remote Australians - [link](#)

Public Library of Science (PLOS)

- Prevalence, nature and predictors of omitted medication doses in mental health hospitals: a multi-
centre study - [link](#)

- How readable are Australian multilingual diabetes patient education materials? An evaluation of national English-language source texts - [link](#)
- Predictors of ceasing or reducing statin medication following a large increase in the consumer copayment for medications: a retrospective observational study - [link](#)
- Examining the use of antiviral prophylaxis for influenza outbreaks in residential aged care facilities in NSW, Australia - [link](#)

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REPORTS AND PUBLICATIONS – AUSTRALIA

Australian Institute for Health and Welfare (AIHW)

- Coordination of health care: experiences of barriers to accessing health services among patients aged 45 and over - [link](#)
- ICD-11 Review stakeholder consultation report [link](#)

Department of Health

- Coronavirus (COVID-19) health alert [link](#)
- Latest statement from the Australian health protection Principal Committee (AHPPC) on coronavirus (COVID-19) [link](#)

NSW Health Intranet

- Management of medication for patients with Parkinson disease [link](#)
- NSW HIV surveillance data reports [link](#)
- Influenza vaccination provider toolkit [link](#)
- Responding to cancer clusters in NSW [link](#)

Office of the Australian Information Commissioner (OAIC)

- Data breach action plan for health service providers - [\\SVMHS.STVINCENTS.COM.AU\DFSROOT\DEPARTMENTALFOLDERS\SVHNSWTAG\General Documents\TAG Mail\1. 2020\Cumulative\Office of the Australian Information Commissioner \(OAIC\) link](https://svmhs.stvincents.com.au/dfsroot/departamentalfolders/svhnswtag/general/documents/tag%20mail%201.2020/cumulative/office%20of%20the%20australian%20information%20commissioner%20(oaic).link)

TGA

- Update to listed medicine ingredients in March 2020 - [link](#)
- TGA to expand quality audits for medicinal cannabis - [link](#)
- How to spot a counterfeit medicine - [link](#)
- Reformatting Product Information: Frequently asked questions - [link](#)
- Maxman Cialis tablets (Plastic bottle inside cardboard carton) - [link](#)
- AusPARs:
 - [Talazoparib](#) - for the treatment of patients with a deleterious or suspected deleterious germline breast cancer susceptibility gene (BRCA) mutation according to a validated diagnostic test, who have human epidermal growth factor receptor 2 (HER2)-negative, locally advanced or metastatic breast cancer
 - [Acalabrutinib](#) – extension to the treatment of patients with chronic lymphocytic leukaemia (CLL) or small lymphocytic lymphoma (SLL)
 - [Bevacizumab](#) – approved for
 - a) *Metastatic colorectal cancer* - in combination with fluoropyrimidine-based chemotherapy is indicated for the treatment of patients with metastatic colorectal cancer
 - b) Locally recurrent or metastatic breast cancer - in combination with paclitaxel is indicated for the first-line treatment of metastatic breast cancer in patients in whom an anthracycline-based therapy is contraindicated.
 - c) Advanced, metastatic or recurrent non-squamous non-small cell lung cancer (NSCLC) - in combination with carboplatin and paclitaxel, is indicated for first-line treatment of patients with unresectable advanced, metastatic or recurrent, non-squamous, non-small cell lung cancer.
 - d) Advanced and/or metastatic renal cell cancer - in combination with interferon alfa-2a is indicated for treatment of patients with advanced and/or metastatic renal cell cancer
 - e) Grade IV glioma - as a single agent, is indicated for the treatment of patients with Grade IV glioma after relapse or disease progression after standard therapy, including chemotherapy

- f) Epithelial ovarian, fallopian tube or primary peritoneal cancer - in combination with carboplatin and paclitaxel, is indicated for first-line treatment of patients with advanced (FIGO stages IIIB, IIIC and IV) epithelial ovarian, fallopian tube, or primary peritoneal cancer
- g) Recurrent epithelial ovarian, fallopian tube or primary peritoneal cancer - in combination with carboplatin and paclitaxel or in combination with carboplatin and gemcitabine, is indicated for the treatment of patients with first recurrence of platinum-sensitive, epithelial ovarian, fallopian tube, or primary peritoneal cancer who have not received prior bevacizumab or other VEGF-targeted angiogenesis inhibitors. In combination with paclitaxel, topotecan or pegylated liposomal doxorubicin is indicated for the treatment of patients with recurrent, platinum-resistant epithelial ovarian, fallopian tube, or primary peritoneal cancer who have received no more than two prior chemotherapy regimens, and have not received any prior anti-angiogenic therapy including bevacizumab
- h) Cervical Cancer - in combination with paclitaxel and cisplatin is indicated for the treatment of persistent, recurrent or metastatic carcinoma of the cervix. Zirabev (bevacizumab) in combination with paclitaxel and topotecan is an acceptable alternative where cisplatin is not tolerated or not indicated.

- [Mepolizumab](#) - extension to an add-on treatment for severe refractory eosinophilic asthma in patients aged 6 years and over rejected

- [Caritinib](#) – approval for the treatment of patients with locally advanced or metastatic non-small cell lung cancer (NSCLC) that is anaplastic lymphoma kinase (ALK)-positive

-- [Lorlatinib](#) - provisional approval for the treatment of patients with anaplastic lymphoma kinase (ALK)-positive advanced non-small cell lung cancer (NSCLC) whose disease has progressed on crizotinib and at least one other ALK inhibitor or alectinib/ceritinib as the first ALK inhibitor

-- [Ceftazidime/Avibactam](#) - approval for the treatment of the following infections in adults:

- a) Complicated intra-abdominal infection (cIAI), in combination with metronidazole
- b) Complicated urinary tract infection (cUTI), including pyelonephritis
- c) Hospital-acquired pneumonia (HAP), including ventilator associated pneumonia (VAP)

REPORTS AND PUBLICATIONS – INTERNATIONAL

Agency for Healthcare Research and Quality (AHRQ) USA

- Patient Safety Awareness Week 8-14 March 2020 - [link](#)

Canadian Agency for Drugs and Technologies in Health

- Ozurdex® (intravitreal dexamethasone) for Diabetic Macular Edema: Clinical Effectiveness, Cost-effectiveness, and Guidelines - [link](#)

- Local Anesthetic for Urinary Catheter Insertion: A Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines - [link](#)

- Administration of Vaccines and Parenteral Medications in Home Care Settings: Safety and Guidelines - [link](#)

- Lurasidone Hydrochloride for Bipolar Disorder: A Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines - [link](#)

Biospace

- ViiV Healthcare presents positive 48-week data from phase III study showing every-two-month regimen of investigational long-acting, injectable cabotegravir and rilpivirine has similar efficacy to once-monthly dosing - [link](#)

- Ifenprodil currently in phase II development to be made available for compassionate use in serious cases of Coronavirus infection - [link](#)

electronic Medicines Compendium (eMC) (UK)

- New products

-- Beovu ([brolocizumab](#)) 120 mg/ml solution for injection in pre-filled syringe for the treatment of neovascular (wet) age-related macular degeneration (AMD) in adults

-- Vyndaqel ([tafamidis](#)) for the treatment of wild-type or hereditary transthyretin amyloidosis in adults with cardiomyopathy

-- Polivy ([polatuzumab vedotin](#)) for use in combination with bendamustine and rituximab for the treatment of adult patients with relapsed/refractory diffuse large B-cell lymphoma who are not candidates for haematopoietic stem cell transplant

Food and Drug Administration (FDA) USA

- New Drug approvals

-- osilodrostat (Isturisa®) to treat adults with Cushing's disease who either cannot undergo pituitary gland surgery or have undergone the surgery but still have the disease - [link](#)

- umbralisib granted orphan designation for the treatment of follicular lymphoma (FL) - [link](#)

Institute for Healthcare Improvement

- "Conversation Ready": A Framework for Improving End-of-Life Care (Second Edition) - [link](#)
- A Guide to Measuring the Triple Aim: Population Health, Experience of Care, and Per Capita Cost - [link](#)

World Health Organisation (WHO)

- Considerations for quarantine of individuals in the context of containment for coronavirus disease (COVID-19) - [link](#)

MEDICATION SAFETY

electronic Medicines Compendium (eMC) (UK)

- Revised SPCs
- Suliqua ([lixisenatide and insulin glargine](#)) pre-filled pen: now details that lipodystrophy and cutaneous amyloidosis may occur at the injection site of insulins and delay local insulin absorption. Continuous rotation of the injection site within the given injection area may help to reduce or prevent these reactions.
- [Alutard Bee Venom Products](#): Injection site hypertrichosis added as a potential adverse effect (frequency unknown).
- Zyprexa® ([olanzapine](#)) preparations: Salivary hypersecretion has been added as a potential adverse effect of treatment (frequency uncommon).
- [Epclusa®](#), [Vosevi®](#) (sofosbuvir, velpatasvir, voxilaprevir) updated to include new safety information on rash and angioedema.
- Mirapexin® ([pramipexole](#)) now advises abrupt discontinuation of dopaminergic therapy can lead to the development of a neuroleptic malignant syndrome or a dopamine agonist withdrawal syndrome.
- Nebido® ([testosterone undecanoate](#)) updated with warnings on drug abuse and dependence
- [Feraccru®](#) (iron maltol) now advises no dose adjustment is needed in elderly patients or patients with renal impairment (eGFR ≥ 15 ml/min/1.73 m²).
- [Feldene Melt](#) (piroxicam) updated to include increased risk of serious gastrointestinal events, and the adverse effect of glomerulonephritis (unknown frequency).
- Dalacin C Phosphate® (clindamycin) includes information on hypersensitivity and severe skin reaction.
- [Dioralyte®](#) Sachets (all presentations) includes updated statement on cases where electrolyte balance may be disturbed and advice that patients on low potassium and sodium diets need medical supervision. Overdose section now mentions cases of severe hepatic or renal failure
- Neoclarityn® ([desloratadine](#)) updated to reflect increased incidence of new-onset seizure in patients age 0 to 19 years

Food and Drug Administration (FDA) USA

- FDA requires Boxed Warning about serious mental health side effects for asthma and allergy drug montelukast (Singulair); advises restricting use for allergic rhinitis - [link](#)
- FDA Proposes Broad Approach for Conducting Safety Trials for Type 2 Diabetes Medications - [link](#)

Medsafe (New Zealand Medicines and Medical Devices Safety Authority)

- Prescriber update, [March 2020](#)

PAPERS OF INTEREST

American Journal of Cardiology

- Meta-Analysis of Intraocular Bleeding with Dual Antiplatelet Therapy Using P2Y12 Inhibitors Prasugrel or Ticagrelor - [link](#)

American Journal of Health-System Pharmacy (AHJP)

- Incorporation of rapid diagnostic tests to improve time to antimicrobial therapy for gram-positive bacteremia and candidemia - [link](#)
- Medications requiring prior authorization across health insurance plans - [link](#)
- Weighing in on antibiotic dosing for surgical site prophylaxis - [link](#)

Annals of Internal Medicine

- Comparative Pricing of Branded Tenofovir Alafenamide–Emtricitabine Relative to Generic Tenofovir Disoproxil Fumarate–Emtricitabine for HIV Preexposure Prophylaxis: A Cost-Effectiveness Analysis - [link](#)
- Effectiveness and Safety of Apixaban Compared with Rivaroxaban for Patients With Atrial Fibrillation in Routine Practice: A Cohort Study - [link](#) – with Summary for Patients - [link](#)

British Journal of Clinical Pharmacology

- A multicentre prospective study evaluating the impact of proton-pump inhibitors omeprazole and pantoprazole on voriconazole plasma concentrations - [link](#)
- Cobicistat: A case of mislabelled drug-drug interaction risk? - [link](#)
- Association of insulin regimens with severe hypoglycaemia in patients with type 1 diabetes: A Danish case–control study - [link](#)

British Medical Journal (BMJ)

- Associations between stopping prescriptions for opioids, length of opioid treatment, and overdose or suicide deaths in US veterans: observational evaluation - [link](#)
- Management of dependent use of illicit opioids - [link](#)
- Does team reflexivity impact teamwork and communication in interprofessional hospital-based healthcare teams? A systematic review and narrative synthesis - [link](#)
- Application of human factors to improve usability of clinical decision support for diagnostic decision-making: a scenario-based simulation study - [link](#)
- Editorial: Whiteboards: important part of the toolbox for improving patient understanding during hospitalisation [link](#)
- Cluster randomised controlled trial evaluating the clinical and humanistic impact of a pharmacist-led minor ailment service - [link](#)
- Quality & safety in the literature: May 2020 - [link](#)

Diabetes Care

- Dalcetrapib Reduces Risk of New-Onset Diabetes in Patients with Coronary Heart Disease - [link](#)
- Efficacy and Safety of Liraglutide 3.0 mg in Individuals With Overweight or Obesity and Type 2 Diabetes Treated With Basal Insulin: The SCALE Insulin Randomized Controlled Trial - [link](#)
- The Long-term Effects of Metformin on Patients with Type 2 Diabetic Kidney Disease - [link](#)
- Early Childhood Antibiotic Treatment for Otitis Media and Other Respiratory Tract Infections Is Associated with Risk of Type 1 Diabetes: A Nationwide Register-Based Study with Sibling Analysis - [link](#)

European Journal of Hospital Pharmacy

- Medication review versus usual care to improve drug therapies in hospitalised older patients admitted to internal medicine wards - [link](#)
- Daptomycin in combination with rosuvastatin induced blood creatine phosphokinase elevation - [link](#)

Internal Medicine Journal

- Febuxostat as a Renoprotective Agent for Treatment of Hyperuricemia: A Meta-analysis of Randomized Controlled Trials - [link](#)

International Journal of Clinical Pharmacy

- A modified olanzapine-based anti-emetic regimen for the control of nausea and vomiting in patients receiving weekly cisplatin - [link](#)
- Incidence of muscle relaxant use in relation to diagnosis of Parkinson's disease - [link](#)
- Appropriateness of empirical antibiotics: risk factors of adult patients with sepsis in the ICU - [link](#)
- Unfractionated heparin dosing in obese patients - [link](#)
- Medication exposure and frailty in older community-dwelling patients: a cross-sectional study - [link](#)

JAMA

- Improving Physician Communication about Treatment Decisions. Reconsideration of “Risks vs Benefits” - [link](#)
- Regulating Medicines in a Globalized World with Increased Recognition and Reliance among Regulators. A National Academies Report - [link](#)

International Journal for Quality in Health Care

- Using parent-reported experience measures as quality improvement tools in paediatric cardiothoracic services: making it happen - [link](#)
- Prediction of medical expenditures of diagnosed diabetics and the assessment of its related factors using a random forest model, MEPS 2000–2015 - [link](#)
- A systematic review of patient-reported outcome measurement (PROM) and provider assessment in mental health: goals, implementation, setting, measurement characteristics and barriers - [link](#)
- Beyond ‘find and fix’: improving quality and safety through resilient healthcare systems - [link](#)-Effect of Reduced Exposure to Vasopressors on 90-Day Mortality in Older Critically Ill Patients with Vasodilatory Hypotension: A Randomized Clinical Trial - [link](#)
- Review: Screening for Hepatitis C Virus Infection in Adolescents and Adults: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force - [link](#)

JAMA Cardiology

- Therapeutic Targeting of Left Atrial Myopathy in Atrial Fibrillation and Heart Failure with Preserved Ejection Fraction - [link](#)

JAMA Dermatology

- Editorial: Oral and Topical Terbinafine for Fungal Infections in Pregnancy - [link](#)

JAMA Internal Medicine

- The Skyrocketing Cost of Rectal Indomethacin - [link](#)
- Efficacy of Gabapentin for the Treatment of Alcohol Use Disorder in Patients with Alcohol Withdrawal Symptoms. A Randomized Clinical Trial – [link](#)
- Five-Year Follow-up of a Randomized Clinical Trial Testing Mailed Nicotine Patches to Promote Tobacco Cessation - [link](#)
- Severe Lung Injury Associated With Use of e-Cigarette, or Vaping, Products—California, 2019 - [link](#)

JAMA Network Open

- Assessment of Electronic Health Record Search Patterns and Practices by Practitioners in a Large Integrated Health Care System - [link](#)

JAMIA (Journal of the American Medical Informatics Association)

- The impact of transitioning from availability of outside records within electronic health records to integration of local and outside records within electronic health records - [link](#)

Journal of Advanced Nursing

- Improving the quality of bowel preparation through an app for inpatients undergoing colonoscopy: A randomized controlled trial - [link](#)

Journal of Clinical Psychiatry

- Efficacy and Safety of a Combination of Olanzapine and Samidorphan in Adult Patients with an Acute Exacerbation of Schizophrenia: Outcomes from the Randomized, Phase 3 ENLIGHTEN-1 Study - [link](#)

Journal of Palliative Medicine

- Differences of Quality in End-of-Life Care across Settings: Results from the U.S. National Health and Aging Trends Study of Medicare Beneficiaries - [link](#)

Lancet

- Adjuvant chemotherapy in upper tract urothelial carcinoma (the POUT trial): a phase 3, open-label, randomised controlled trial - [link](#)
- Trends in sexual activity and demand for and use of modern contraceptive methods in 74 countries: a retrospective analysis of nationally representative surveys - [link](#)
- 2019-nCoV in context: lessons learned? - [link](#)
- Frequency of biologic switching and the outcomes of switching in children and young people with juvenile idiopathic arthritis: a national cohort study - [link](#)

Molecular Diversity Preservation International (MDPI) – Pharmacy Journal

- Prescribing and Safety of Direct-Acting Oral Anticoagulants Compared to Warfarin in Patients with Atrial Fibrillation on Chronic Hemodialysis - [link](#)
- Cystatin C: A Primer for Pharmacists - [link](#)
- Principles of Drug Dosing in Sustained Low Efficiency Dialysis (SLED) and Review of Antimicrobial Dosing Literature - [link](#)
- Precision Genomic Practice in Oncology: Pharmacist Role and Experience in an Ambulatory Care Clinic - [link](#)
- The Prescribing and Education of Naloxone in a Large Academic Medical Center - [link](#)

Medical Journal of Australia

- An outbreak of COVID-19 caused by a new coronavirus: what we know so far - [link](#)
- 10% of PCI-stent recipients don't get recommended drug therapy after discharge - [link](#)

NEJM

- Association of Aspirin with Hepatocellular Carcinoma and Liver-Related Mortality - [link](#)
- Review: Complications of Unsafe and Self-Managed Abortion - [link](#)

NHMRC - Impact case studies - [link](#)

- Picato gel - QIMR Berghofer 16 December 2018
- Aridol and Bronchitol (how inhaled mannitol can be used to diagnose asthma) - The University of Sydney 16 December 2018
- The TRIUMPH study (trial of a new low-dose pill for hypertension that combines three medications in one (Triple Pill)) - The George Institute for Global Health 28 March 2019
- Pharmaxis (focuses on new therapies to treat inflammation and fibrosis) - Pharmaxis Ltd 8 April 2019
- SMARThealth (digital platform that supports clinical decision-making and improves the screening, detection and management of adults with chronic diseases) - The George Institute for Global Health 18 July 2019
- Neurodegenerative disease and metals - The Florey Institute of Neuroscience and Mental Health 27 November 2019
- Severe Asthma: Mepolizumab - Hunter Medical Research Institute (HMRI) 28 November 2019
- Fetal Alcohol Spectrum Disorder - The Telethon Kids Institute and The Sydney University 25 February 2020

Pharmacotherapy

- Comparison of Hydromorphone versus Fentanyl-based Sedation in Extracorporeal Membrane Oxygenation: A Propensity-Matched Analysis - [link](#)
- Effects of β 2-Adrenergic Agonists on Risk of Parkinson's Disease in COPD: a population-based study - [link](#)

TAG Mail – 5 March 2020

REPORTS AND PUBLICATIONS – AUSTRALIA

Australian Institute for Health and Welfare (AIHW)

- Youth detention population in Australia 2019 [link](#)
- Hospitalised sports injury in Australia, 2016-2017 [link](#)
- Spinal cord injury, Australian, 2016-2017 [link](#)
- Patient experiences in Australia by small geographic areas in 2017-2018 [link](#)
- Review of the two national Indigenous specific primary health care datasets: The Online Service Report and the national Key Performance Indicators [link](#)

NSW Health Intranet

- New Reporting Requirement for the Opioid Overdose Response and Take Home Naloxone Intervention [link](#)
- Pharmacy Department Reimbursement and Data Collection During PBS-Subsidised Naloxone Pilot [link](#)

PBS

- PBS Website Update – Schedule of Pharmaceutical Benefits [link](#)

TGA

- International scientific guidelines adopted in Australia - [link](#)
- AusPARs
 - [acalabrutinib](#) (Calquence®) – for treatment of mantle cell lymphoma who have received at least one prior therapy
- Registration of [new or extended uses](#) of registered medicine
 - atezolizumab (Tecentriq®), in combination with nab-paclitaxel and carboplatin, now also indicated for first-line treatment of patients with metastatic non-squamous NSCLC who do not have tumour EGFR or ALK genomic aberrations.
 - venetoclax (Venclexta®, Velnclexta Starting Pack®) – as part of combination therapy, now indicated for the treatment of newly diagnosed adult patients with Acute Myeloid Leukemia (AML) who are ineligible for intensive chemotherapy.
 - beclometasone dipropionate; formoterol (eformoterol) fumarate dehydrate (Fostair®) in adults (18 years and older) in the regular treatment of asthma where use of a combination product (inhaled corticosteroid and long-acting beta2-agonist) is appropriate.
 - adalimumab (Hadlima®):
 - a) in combination with methotrexate now also indicated for reducing the signs and symptoms of moderately to severely active polyarticular juvenile idiopathic arthritis in patients 2 years of age and older who have had an inadequate intolerance to methotrexate or when continued treatment with methotrexate is inappropriate;
 - b) for treatment of signs and symptoms, as well as inhibiting the progression of structural damage, of moderate to severely active psoriatic arthritis in adult patients where response to previous DMARDs has been inadequate
 - c) for reducing signs and symptoms in patients with active ankylosing spondylitis
 - d) for treatment of moderate to severe Crohn's disease, to reduce the signs and symptoms of the disease and to induce and maintain clinical remission in patients; who have had an inadequate response to conventional therapies; or, who have lost response to or are intolerant to infliximab
 - e) for treatment of moderate to severe ulcerative colitis in adult patients who have had an inadequate response to conventional therapy or who are intolerant or have medical contraindications for such therapies
 - f) for treatment of moderate to severe chronic plaque psoriasis in adult patients who are candidates for systemic therapy or phototherapy
 - g) for treatment of active moderate to severe hidradenitis suppurativa (acne inversa) in patients with an inadequate response to conventional systemic hidradenitis suppurativa therapy.
 - h) for treatment of non-infectious intermediate, posterior and panuveitis in adult patients who have had an inadequate response to corticosteroids, in patients in need of corticosteroid sparing or in whom corticosteroid treatment is inappropriate.
- Registration of [new chemical entities](#) in Australia
 - baloxavir marboxil (Xofluza®, film-coated tablet) ; for treatment of uncomplicated influenza in patients aged 12 years of age and older who have been symptomatic for no more than 48 hours and who are otherwise healthy or at high risk of developing influenza complications
 - darolutamide (Nubeqa®) for treatment of patients with non-metastatic castration resistant prostate cancer (nmCRPC)
 - enoxaparin sodium (Enoxapo®)

REPORTS AND PUBLICATIONS – INTERNATIONAL

Agency for Healthcare Research and Quality (AHRQ) USA

- Systemic causes of in-hospital intravenous medication errors: a systematic review - [link](#)
- Uncertainty in decision making in medicine: a scoping review and thematic analysis of conceptual models. - [link](#)
- Reduce the likelihood of patient harm associated with the use of anticoagulant therapy: commentary from the Anticoagulation Forum on the Updated Joint Commission NPSG.03.05.01 Elements of Performance - [link](#)

Canadian Agency for Drugs and Technologies in Health

- Asthma Treatments for Acute Asthma in Pediatric Patients: Clinical Effectiveness, Cost Effectiveness, and Guidelines - [link](#)

Centres for Disease Control and Prevention (CDC)

- Interim Infection Prevention and Control Recommendations for Patients with Confirmed Coronavirus Disease 2019 (COVID-19) or Persons under Investigation for COVID-19 in Healthcare Settings - [link](#)

European Medicines Agency (EMA)

- cefiderocol (Fetcroja) recommended for treatment of infections due to aerobic Gram-negative organisms in adults with limited treatment options - [link](#)
- sodium thiosulfate infusion: license extension accepted for cisplatin-induced hearing loss in children - [link](#)
- brigatinib: extended indication recommended for patients not previously treated with an anaplastic lymphoma kinase (ALK) inhibitor - [link](#)
- nintedanib (Ofev) recommended for treatment of systemic sclerosis associated interstitial lung disease - [link](#)
- apremilast (Otezla) recommended for treatment of Behçet's disease (BD) - [link](#)

Food and Drug Administration (FDA) USA

- New Drug approvals
- amisulpride (Barhemsys) to help prevent nausea and vomiting after surgery - [link](#)
- rimegepant (Nurtec ODT) to treat migraine - [link](#)
- isatuximab (Sarclisa) to treat multiple myeloma - [link](#)

Health Canada

- Health Product InfoWatch, [February 2020](#)

Institute for Healthcare Improvement

- Comment on Lown Institute report, Eliminating Medication Overload: A National Action Plan ([link](#)): [link](#)

National Institute for Health and Clinical Excellence (NICE) UK

- NG153 Impetigo: antimicrobial prescribing - [link](#)
- NG154 Neonatal parenteral nutrition - [link](#)
- QS192 Intrapartum care: existing medical conditions and obstetric complications - [link](#)

Specialist Pharmacy Services

- NICE Bites – Leg ulcer infection - [link](#)

MEDICATION SAFETY

electronic Medicines Compendium (eMC) (UK)

- Revised SPCs
- evolocumab (Repatha SureClick®) caution in renal impairment removed and data on use in those patients included- [link](#)
- ceftaroline fosamil (Zinforo®) now advises SCARs (Stevens-Johnson syndrome, toxic epidermal necrolysis, drug reaction with eosinophilia and systemic symptoms, acute generalised exanthematous pustulosis) have been reported with beta-lactam antibiotics, including cephalosporins - [link](#)
- ustekinumab (Stelara®) update: product can be stored at room temperature up to 30°C for a maximum single period of up to 30 days - [link](#)
- mesalazine (Pentasa®) update: nephrolithiasis reported, including stones with a 100% mesalazine content. Ensure adequate fluid intake during treatment - [link](#)
- medroxyprogesterone acetate (Provera®) use contraindicated if there is a known or suspected pregnancy, advises that conception may be delayed following discontinuation, and that lactation data are limited; treatment should not be given sooner than 6 weeks post-partum - [link](#)
- Safety alert
- In Use Product Safety Assessment Report For Fiasp® (Insulin Aspart) - [link](#)

Health Canada – MedEffect Notice

- Summary Safety Review - Direct-acting antivirals - Assessing the potential risk of abnormal blood sugar levels (dysglycemia) - [link](#)

Institute for Safe Medication Practices (ISMP) USA

- 2020-2021 Consensus-Based Medication Safety Best Practices for Hospitals - [link](#)
- Medication Safety Alert! [February 27, 2020](#)
- Methadone overdose linked to scanning the wrong barcode
- Should the PillCrusher syringe be used for crushing tablets?
- Teva look-alike labels
- Careful where you place those stickers!
- ISMP survey on the Two New 2020-2021 Targeted Medication Safety Best Practices for Hospitals [link](#)

Medicines and Healthcare products Regulatory Agency (MHRA)

- Drug safety update, [February 2020](#)

TGA

- Update - fluoroquinolone antibiotics and adverse events - [link](#)

PAPERS OF INTEREST

Age and Ageing

- Statin treatment, phenotypic frailty and mortality among community-dwelling octogenarian men: the HBS cohort - [link](#)
- A software to prevent delirium in hospitalised older adults: development and feasibility assessment - [link](#)
- A systematic review of the evidence for the efficacy of opioids for chronic non-cancer pain in community-dwelling older adults - [link](#)
- Patient-controlled variable dosing of levodopa for Parkinson's disease - [link](#)

Annals of Emergency Medicine

- Oral Ondansetron to Reduce Vomiting in Children Receiving Intranasal Fentanyl and Inhaled Nitrous Oxide for Procedural Sedation and Analgesia: A Randomized Controlled Trial - [link](#)

Annals of Internal Medicine

- Pharmacotherapy for the Treatment of Cannabis Use Disorder: A Systematic Review - [link](#)

Annals of the Rheumatic Diseases

- Hypersensitivity reactions with allopurinol and febuxostat: a study using the Medicare claims data - [link](#)

BMJ Quality and Safety

- Editorial: Leveraging electronic health record data to improve sepsis surveillance - [link](#)

British Journal of Clinical Pharmacology

- Effects, costs and implementation of monitoring kidney transplant patients' tacrolimus levels with dried blood spot sampling: A randomized controlled hybrid implementation trial - [link](#)
- Population pharmacokinetics and Bayesian estimators for intravenous mycophenolate mofetil in haematopoietic stem cell transplant patients - [link](#)
- Editorial: Medication adherence—Key considerations for clinical pharmacologists - [link](#)
- Protective effects of doxepin cream on radiation dermatitis in breast cancer: A single arm double-blind randomized clinical trial - [link](#)
- The pharmacokinetics of metformin in patients receiving intermittent haemodialysis - [link](#)
- Ensuring access to safe, effective, and affordable cannabis-based medicines - [link](#)

British Medical Journal (BMJ)

- EULAR recommendations for the management of rheumatoid arthritis with synthetic and biological disease-modifying antirheumatic drugs: 2019 update - [link](#)
- Editorial: Post-SSRI sexual dysfunction - [link](#)
- Cost effectiveness of an intervention to increase uptake of hepatitis C virus testing and treatment (HepCATT): cluster randomised controlled trial in primary care - [link](#)

Cochrane

- Anticoagulant treatment for subsegmental pulmonary embolism - [link](#)
- Water for preventing urinary stones - [link](#)
- Pharmacological interventions for heart failure in people with chronic kidney disease - [link](#)
- Benzodiazepines for treatment of patients with delirium excluding those who are cared for in an intensive care unit - [link](#)
- Omega-3 fatty acids for the primary and secondary prevention of cardiovascular disease - [link](#)
- Probiotics for maintenance of remission in ulcerative colitis - [link](#)
- Probiotics for induction of remission in ulcerative colitis - [link](#)
- Pharmacological interventions for promoting smoking cessation during pregnancy - [link](#)
- Oxcarbazepine add-on for drug-resistant focal epilepsy - [link](#)
- Drugs for preventing lung cancer in healthy people - [link](#)

Critical Care Medicine

- Guidelines for the Management of Adult Acute and Acute-on-Chronic Liver Failure in the ICU: Cardiovascular, Endocrine, Hematologic, Pulmonary, and Renal Considerations - [link](#)

Internal Medicine Journal

- Severe Asthma Assessment, Management and the Organisation of Care in Australia and New Zealand: Expert Forum Roundtable Meetings - [link](#)

JAMA Cardiology

- Editorial: Methods of Calculating Low-Density Lipoprotein Cholesterol Level - [link](#)
- Optimal Antithrombotic Regimens for Patients with Atrial Fibrillation Undergoing Percutaneous Coronary Intervention. An Updated Network Meta-analysis - [link](#)
- Assessment of Long-term Benefit of Intensive Blood Pressure Control on Residual Life Span: Secondary Analysis of the Systolic Blood Pressure Intervention Trial (SPRINT) - [link](#)

JAMA Internal Medicine

- Integrated Drug Reviews at the US Food and Drug Administration—Legal Concerns and Knowledge Lost - [link](#)

JAMA Network Open

- Association of Formulary Exclusions and Restrictions for Opioid Alternatives with Opioid Prescribing Among Medicare Beneficiaries - [link](#)
- Economic Burden Associated with Extended-Release vs Immediate-Release Drug Formulations among Medicare Part D and Medicaid Beneficiaries - [link](#)

Journal of Palliative Medicine

- The Efficacy of Medical Marijuana in the Treatment of Cancer-Related Pain - [link](#)

Lancet

- Early detection of diabetic kidney disease by urinary proteomics and subsequent intervention with spironolactone to delay progression (PRIORITY): a prospective observational study and embedded randomised placebo-controlled trial - [link](#)
- Cardiovascular adverse events in patients with non-Hodgkin lymphoma treated with first-line cyclophosphamide, doxorubicin, vincristine, and prednisone (CHOP) or CHOP with rituximab (R-CHOP): a systematic review and meta-analysis - [link](#)
- Epilepsy in older people - [link](#)
- Guidelines for pregnant women with suspected SARS-CoV-2 infection - [link](#)

Medical Journal of Australia

- The dispensing of psychotropic medicines to older people before and after they enter residential aged care - [link](#)

National Institute for Health Research (NIHR)

- NIHR Signals
- Melatonin shows potential for reducing delirium among older people after surgery - [link](#)

New England Journal of Medicine

- Catalyst: Zero Harm in Health Care - [link](#)
- Review article: Pituitary-Tumor Endocrinopathies – [link](#)
- Long-Acting Cabotegravir and Rilpivirine after Oral Induction for HIV-1 Infection - [link](#)
- Long-Acting Cabotegravir and Rilpivirine for Maintenance of HIV-1 Suppression - [link](#)
- Treatment of Highly Drug-Resistant Pulmonary Tuberculosis - [link](#)

Pharmacotherapy

- Quality of Evidence Supporting Major Psychotropic Drug-Drug Interaction Warnings: A Systematic Literature Review - [link](#)
- Predicting Interactions between Rifampin and Antihypertensive Drugs Using the Biopharmaceutics Drug Disposition Classification System (BDDCS) - [link](#)

TAG Mail – 27 February 2020

REPORTS AND PUBLICATIONS – AUSTRALIA

Pharmaceutical Society of Australia (PSA)

- Report: Medicine safety: Aged care – [link](#)

TGA

- Australian Prescription Medicine Decision Summary: Enoxapo® (enoxaparin sodium) - [link](#)

REPORTS AND PUBLICATIONS – INTERNATIONAL

Agency for Healthcare Research and Quality

- Moving from knowledge to action: improving safety and quality of care for patients with limited English proficiency - [link](#)
- Risks and medication errors analysis to evaluate the impact of a chemotherapy compounding workflow management system on cancer patients' safety - [link](#)

Canadian Agency for Drugs and Technologies in Health

- Rapid response: Inotropes and Vasopressors for Septic or Cardiogenic Shock in Rural Settings: Guidelines - [link](#)
- Rapid response: Combination Use of Ivabradine with Sacubitril/Valsartan: A Review of Clinical Effectiveness and Guidelines - [link](#)
- Rapid response: Ondansetron and Oral Rehydration Therapy in Pediatric Patients with Dehydration: Clinical Effectiveness - [link](#)
- Rapid response: Prostaglandin Analogues for Ophthalmic Use: A Review of Comparative Clinical Effectiveness, Cost-Effectiveness, and Guidelines - [link](#)
- Quetiapine for Major Depressive Disorder: A Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines - [link](#)
- Rapid response: Management of Patients Presenting with Pneumonia in the Emergency Department: Guidelines - [link](#)
- Pilocarpine for Radiotherapy-Induced Dry Mouth and Dry Eyes: A Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines - [link](#)
- Rapid response - Clozapine Initiation for Schizophrenia: A Review of Clinical Effectiveness and Guidelines - [link](#)

Food and Drug Administration (FDA) USA

- FDA and European Medicines Agency accept filing of licensing application for ofatumumab for treatment of relapsing forms of multiple sclerosis in adults - [link](#)
- New Drug approvals

- eptinezumab-jjmr (Vyepti®) - For preventive treatment of migraine in adults - [link](#)
- bempedoic acid (Nexletol®) - To treat adults with heterozygous familial hypercholesterolemia or established atherosclerotic cardiovascular disease who require additional lowering of LDL-C) - [link](#)
- ethinyl estradiol/levonorgestrel transdermal (Twirla®) - once-weekly contraceptive patch - [link](#)
- Injectable meloxicam (Anjeso IV®) - [link](#)

Institute for Healthcare Improvement

- Effective Strategies for Hospitals Responding to the Opioid Crisis - [link](#)

NHS England

- Epilepsy toolkit - [link](#)

National Institute for Health and Clinical Excellence (NICE) UK

- Neonatal parenteral nutrition - guidance [\[NG154\]](#)
- Impetigo: antimicrobial prescribing - guidance [\[NG153\]](#)

The National Academies Press

- Assessment of Long-Term Health Effects of Antimalarial Drugs When Used for Prophylaxis - [link](#)
- Health Literacy and Communication Strategies in Oncology - [link](#)

MEDICATION SAFETY

electronic Medicines Compendium (eMC) (UK)

- Revised SPCs
- Cerazette (desogestrel): to list hypersensitivity reactions, including angioedema and anaphylaxis as adverse effects - [link](#)
- Zirtek® ([cetirizine](#)) products: updated data on use in pregnancy do not suggest potential for maternal or foetal toxicity above background rates. However in breastfeeding mothers noted that excreted in breastmilk in concentrations 25-90% those seen in plasma and therefore caution advised.
- Norditropin® ([somatropin](#)) – growth failure due to Noonan syndrome added to list of approved indications.
- Lanoxin® ([digoxin](#)) tablets - now includes information on proton pump inhibitors (particularly omeprazole) increasing plasma levels of digoxin. Venetoclax and vemurafenib added to the list of concomitant medicines that should be used with caution.

Food and Drug Administration (FDA) USA

- FDA Drug Safety Podcast: FDA requests withdrawal of the weight-loss drug Belviq, Belviq XR (lorcaserin) from the market - [link](#)

Institute for Safe Medication Practices (ISMP) USA

- 2020-2021 Targeted Medication Safety Best Practices for Hospitals - [link](#)
- Medication Errors: The Year in Review, January to December 2019 – [link](#)

PAPERS OF INTEREST

Age and Ageing

- Successful care transitions for older people: a systematic review and meta-analysis of the effects of interventions that support medication continuity - [link](#)

American Journal of Health-System Pharmacy (AHJP)

- Clonidine as a strategy for discontinuing dexmedetomidine sedation in critically ill patients: A narrative review - [link](#)
- Real-world evidence on impact of a pharmacist-led transitional care program on 30- and 90-day readmissions after acute care episodes - [link](#)

Annals of Internal Medicine

- Pharmacologic Therapies in Patients with Exacerbation of Chronic Obstructive Pulmonary Disease: A Systematic Review With Meta-analysis - [link](#)

BMJ Quality and Safety

- Editorial: What are we doing when we double check? - [link](#)

British Journal of Clinical Pharmacology

- A 3-year prospective study of a multidisciplinary early proactive therapeutic drug monitoring programme of infliximab treatments in inflammatory bowel disease - [link](#)
- Risk of major bleeding among users of direct oral anticoagulants combined with interacting drugs: A population-based nested case-control study - [link](#)
- Off-label use of quetiapine in nursing homes: Does medical specialty of prescribing physicians play a role? - [link](#)
- Prescribing for pregnancy: asthma - [link](#)

British Medical Journal (BMJ)

- Using a clinical process map to identify prescribing cascades in your patient - [link](#)
- Macrolide antibiotics in pregnancy are linked with birth defects, study suggests - [link](#)
- Maternal and fetal outcomes following exposure to duloxetine in pregnancy: cohort study - [link](#)
- Trends and risk factors of mortality and disability adjusted life years for chronic respiratory diseases from 1990 to 2017: systematic analysis for the Global Burden of Disease Study 2017 - [link](#)

Circulation

- SUPPORT-AF II: Supporting Use of Anticoagulants through Provider Profiling of Oral Anticoagulant Therapy for Atrial Fibrillation - [link](#) - with editorial - [link](#)

Drugs and Therapeutics Bulletin

- Are patient education materials for deprescribing fit for purpose? - [link](#)
- Ursodeoxycholic acid offers no benefit in obstetric cholestasis - [link](#)
- Dapagliflozin for type 1 diabetes: ensuring benefits outweigh the risks- [link](#)

European Journal of Hospital Pharmacy

- Goal attainment scaling to facilitate person-centred, medicines-related consultations - [link](#)
- Antibiotic adverse events on an outpatient parenteral antibiotic service: a retrospective cohort study - [link](#)
- Pharmaceutical interventions in the emergency department: cost-effectiveness and cost-benefit analysis - [link](#)

Internal Medicine Journal

- Medication use and cognitive impairment among residents of aged care facilities - [link](#)
- Factors that predict glycaemic response to sodium-glucose linked transporter (SGLT) inhibitors - [link](#)

International Journal for Quality in Health Care

- Conclusion: the road ahead: where should we go now to improve healthcare quality in acute settings? - [link](#)

JAMA

- Major Adverse Cardiovascular Events After 12 Months Among Patients With Acute Coronary Syndrome Receiving Loading Doses of Atorvastatin Prior to Planned PCI - [link](#)

JAMA Internal Medicine

- Evaluation of a Common Prescribing Cascade of Calcium Channel Blockers and Diuretics in Older Adults with Hypertension - [link](#)
- Invited commentary: Antihypertensive Prescribing Cascades as High-Priority Targets for Deprescribing - [link](#)
- Invited commentary: Deprescribing Proton Pump Inhibitors Overcoming Resistance - [link](#)

JAMA Network Open

- Comparison of Cardiovascular Events among Users of Different Classes of Antihypertension Medications: A Systematic Review and Network Meta-analysis - [link](#)
- Latent Classes of Adherence to Oral Anticoagulation Therapy among Patients with a New Diagnosis of Atrial Fibrillation - [link](#)

JAMA Neurology

- Tolerability of Antiseizure Medications in Individuals with Newly Diagnosed Epilepsy - [link](#)

JAMA Pediatrics

- Editorial: Maternal Vitamin D and Offspring Bone Mineral Parameters and Growth - [link](#)

JAMA Psychiatry

- Editorial: Is This Where We Stand After Decades of Research to Develop More Personalized Treatments for Depression? - [link](#)

Journal of Antimicrobial Chemotherapy

- Can evidence-based decision support tools transform antibiotic management? A systematic review and meta-analyses - [link](#)

Lancet

- Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial - [link](#)
- Metformin to reduce metabolic complications and inflammation in patients on systemic glucocorticoid therapy: a randomised, double-blind, placebo-controlled, proof-of-concept, phase 2 trial - [link](#)
- Safety and efficacy of metformin in systemic lupus erythematosus: a multicentre, randomised, double-blind, placebo-controlled trial - [link](#)
- Association of antiretroviral therapy with anal high-risk human papillomavirus, anal intraepithelial neoplasia, and anal cancer in people living with HIV: a systematic review and meta-analysis - [link](#)
- Review: 30 years of second-generation antiseizure medications: impact and future perspectives – [link](#)

Molecular Diversity Preservation International (MDPI) – Pharmacy Journal

- Preliminary Investigation of Pharmacist-Delivered, Direct-to-Provider Interventions to Reduce Co-Prescribing of Opioids and Benzodiazepines among a Medicare Population - [link](#)
- Prescriber-Initiated Engagement of Pharmacists for Information and Intervention in Programs of All-Inclusive Care for the Elderly - [link](#)
- The impact of a Post-Take Ward Round Pharmacist on the Risk Score and Enactment of Medication-Related Recommendations – [link](#)

New England Journal of Medicine

- Catalyst: Zero Harm in Health Care - [link](#)
- Review article: The Modern Epidemic of Syphilis - [link](#)
- Pembrolizumab for Early Triple-Negative Breast Cancer - [link](#)

Pharmacotherapy

- Nephrotoxicity Risk and Clinical Effectiveness of Continuous versus Intermittent Infusion Vancomycin Among Patients in an Outpatient Parenteral Antimicrobial Therapy Program - [link](#)

Therapeutics and Clinical Risk Management

- Failure to Reach a Consensus in Polypharmacy Definition: An Obstacle to Measuring Risks and Impacts Results of a Literature Review - [link](#)

Thrombosis and Haemostasis

- Lower versus Standard INR Targets in Atrial Fibrillation: A Systematic Review and Meta-Analysis of Randomized Controlled Trials - [link](#)

TAG Mail – 20 February 2020

REPORTS AND PUBLICATIONS – AUSTRALIA

Agency for Clinical Innovation, NSW (ACI)

- NSW telestroke model of care [link](#)

Australian Institute for Health and Welfare (AIHW)

- A comparison between the AIHW's National Hospital Morbidity Database and the ABS's Private Health Establishments Collection: 2009–10 to 2016 - [link](#)
- Bloodstream infections associated with hospital care 2018–19 - [link](#)

CATAG

- Survey of target-synthetic and biological DMARDs (innovators and biosimilars) in use in Australia hospitals for rheumatological, gastroenterological or dermatological conditions, closes COB 21 February - [link](#)

Clinical Excellence Commission (CEC) NSW

- Safer from Sepsis in Australia [link](#)

Department of Health

- Backing important coronavirus research [link](#)

National Drug & Alcohol Research Centre

- 2019 Illicit Drug Reporting system and Ecstasy and Related Drugs Reporting System state reports [link](#)

NSW Health Intranet

- SN 001/20: Safe provision of sedating medicines on discharge from NSW Health facilities [link](#)
- Depot buprenorphine factsheets for consumers and different types of clinicians - [link](#)

TGA

- Let medicine be thy medicine, and food thy food - [link](#)
- Prescription Medicine Decision Summary [Cuplalizumab](#) (Cablivi®) indicated for the treatment of adults experiencing an episode of acquired thrombotic thrombocytopenic purpura (aTTP), in conjunction with plasma exchange and immunosuppression.
- AusPARs:
 - [Risankizumab](#) (Skyrizi®) for the treatment of moderate to severe plaque psoriasis in adults (18 years or older) who are candidates for phototherapy or systemic therapy
 - [Certolizumab pegol \(rbe\)](#) (Cimzia®) indicated for adults with active non-radiographic axial spondyloarthritis with objective signs of inflammation as indicated by elevated C reactive protein and/or magnetic resonance imaging change, who have had an inadequate response to, or are intolerant to, nonsteroidal anti-inflammatory drugs.
 - [Sodium glycerophosphate \(as hydrate\)](#) (Glycophos®) in adult and paediatric patients as a supplement to parenteral nutrition to meet the daily requirements of phosphate.
 - [Romosozumab](#) (Evenity®) indicated for: the treatment of osteoporosis in postmenopausal women at high risk of fracture and treatment to increase bone mass in men with osteoporosis at high risk of fracture.
 - [Progesterone](#) (Oriprio®) extension of indication for prevention of preterm birth in singleton pregnancies at risk due to: shortened cervix (midtrimester sonographic cervix ≤ 25 mm) and/or where there is a history of spontaneous preterm birth.
 - [Idebenone](#) (Raxone®) – New Chemical Entity - Decision withdrawn for the treatment of patients with Duchenne Muscular Dystrophy.

REPORTS AND PUBLICATIONS – INTERNATIONAL

Agency for Healthcare Research and Quality (AHRQ) USA

- Patient activation related to fall prevention: A multisite study - [link](#)
- Implementation of a discharge education program to improve transitions of care for patients at high risk of medication errors – [link](#)
- Oral chemotherapy: a home safety educational framework for healthcare providers, patients, and caregivers - [link](#)
- Medication reconciliation and patient safety in trauma: Applicability of existing strategies - [link](#)

European Medicines Agency (EMA)

- [Brolucizumab](#) injection approved for the treatment of wet age-related macular degeneration

International Pharmaceutical Federation (FIP)- Resources:Coronavirus 2019-nCoV outbreak: Information and interim guidelines for pharmacists and the pharmacy workforce - [link](#)

Food and Drug Administration (FDA) USA

- New Drug approvals
- Lactitol monohydrate approved as osmotic laxative for chronic idiopathic constipation - [link](#)

Institute for Healthcare Improvement

- IHI Framework for Improving Joy in Work - [link](#)
- Respectful Management of Serious Clinical Adverse Events - [link](#)

National Institute for Health and Clinical Excellence (NICE) UK

- Asthma: diagnosis, monitoring and chronic asthma management guideline updated [\[NG80\]](#)
- Patiromer for treating hyperkalaemia [\[TA623\]](#)
- Updated NICE technology appraisal for dapagliflozin with insulin for treating type 1 diabetes [\[TA597\]](#)
- Peginterferon beta-1a for treating relapsing–remitting multiple sclerosis – guidance [\[TA624\]](#)
- Shared learning database: Improving patients time in range on warfarin - [link](#)
- NICE impact on dementia - [link](#)

World Health Organisation (WHO)

- World experts and funders set priorities for COVID-19 research - [link](#)
- Statement on the meeting of the International Health Regulations (2005) Emergency Committee for Ebola virus disease in the Democratic Republic of the Congo on 12 February 2020 - [link](#)

MEDICATION SAFETY

electronic Medicines Compendium (eMC) (UK)

- Revised SPCs
- CipraleX™ ([escitalopram](#)) oral drops, warning added to advise on reports of long-lasting sexual dysfunction where the symptoms have continued despite discontinuation of SSRIs/SNRI
- Zepatier™ ([elbasvir](#), [grazoprevir](#)) tablets, updated to include information about interactions with CYP3A substrates. Additionally, information about the interaction with tacrolimus has been added - close monitoring and potential dose adjustment may be required as tacrolimus levels may decrease.

EMA

- Restrictions in use of cyproterone due to meningioma risk - [link](#)
- Rocuronium, Kounis Syndrome added as side effect - [link](#)

Institute for Safe Medication Practices (ISMP) USA

Medication Safety Alert!

- Guidelines for Optimizing Safe Implementation and Use of Smart Infusion Pumps - [link](#)

Medicines and Healthcare products Regulatory Agency (MHRA) UK

- Lemtrada® (alemtuzumab): updated restrictions and strengthened monitoring requirements following review of serious cardiovascular and immune-mediated reactions - [link](#)
- Nexplanon (etonogestrel) contraceptive implants: new insertion site to reduce rare risk of neurovascular injury and implant migration - [link](#)
- Ingenol mebutate gel (Picato®): suspension of licence due to risk of skin malignancy - [link](#)
- Letters to Healthcare Professionals
- Ecalta 100mg solution for infusion (anidulafungin) must no longer be frozen - [link](#)
- Modafinil: potential risk of congenital malformations during pregnancy - [link](#)
- Methotrexate for autoimmune diseases - recommendations to reduce potentially fatal dosing errors - [link](#)

PAPERS OF INTEREST

American Journal of Health-System Pharmacy (AHJP)

- Mycophenolate-induced oral ulcers: Case report and literature review - [link](#)
- Update on pharmaceutical waste disposal regulations: Strategies for success - [link](#)

Annals of Internal Medicine

- Adverse Effects of Low-Dose Methotrexate: A Randomized Trial - [link](#)
- The Management of Chronic Insomnia Disorder and Obstructive Sleep Apnea: Synopsis of the 2019 U.S. Department of Veterans Affairs and U.S. Department of Defense Clinical Practice Guidelines - [link](#)

British Journal of Clinical Pharmacology

- Understanding the drug exposure–response relationship of bedaquiline to predict efficacy for novel dosing regimens in the treatment of multidrug-resistant tuberculosis - [link](#)
- Pharmacodynamic assessment of mycophenolic acid in resting and activated target cell population during the first year after renal transplantation - [link](#)
- Early antituberculosis drug exposure in hospitalized patients with human immunodeficiency virus-associated tuberculosis - [link](#)
- Effects of statin therapy and exercise on postprandial triglycerides in overweight individuals with hypercholesterolaemia - [link](#)
- Direct-acting oral anticoagulants and alopecia: The valuable support of postmarketing data - [link](#)

BMJ Quality and Safety

- Identifying adverse events: reflections on an imperfect gold standard after 20 years of patient safety research - [link](#)

Circulation

- Aromatase Inhibitors and the Risk of Cardiovascular Outcomes in Women With Breast Cancer: A Population-Based Cohort Study - [link](#)

Cochrane

- Dihydrocodeine for detoxification and maintenance treatment in individuals with opiate use disorders [link](#)
- Different unfractionated heparin doses for preventing arterial thrombosis in children undergoing cardiac catheterization - [link](#)

European Journal of Clinical Pharmacology

- Comparison of drug-related problem risk assessment tools for older adults: a systematic review - [link](#)

European Heart Journal

- Application of the 2019 ESC/EAS dyslipidaemia guidelines to nationwide data of patients with a recent myocardial infarction: a simulation study – [link](#)

European Journal of Hospital Pharmacy

- Are we offering patients the right medicines information? A retrospective evaluation of readability and quality in online patient drug information - [link](#)

Internal Medicine Journal

- Reducing medication errors for hospital inpatients with Parkinsonism - [link](#)

JAMA

- Editorial: Lack of Clinical Benefit of Interferon β -1a Among Patients with Severe Acute Respiratory Distress Syndrome. Time to Overhaul Drug Trials in ARDS? - [link](#)
- Editorial: Choosing the Best Blood Pressure Target for Vasopressor Therapy - [link](#)
- Effect of Intravenous Interferon β -1a on Death and Days Free from Mechanical Ventilation among Patients with Moderate to Severe Acute Respiratory Distress Syndrome: A Randomized Clinical Trial - [link](#)

JAMA Internal Medicine

- Editorial: Overuse of Broad-Spectrum Antibiotics for Pneumonia - [link](#)
- Comparison of Cardiovascular and Safety Outcomes of Chlorthalidone vs Hydrochlorothiazide to Treat Hypertension - [link](#)
- Analysis of Unregulated Sale of Life-Saving Prescription Drugs Online in the United States - [link](#)
- Effect of No Prehydration vs Sodium Bicarbonate Prehydration Prior to Contrast-Enhanced Computed Tomography in the Prevention of Postcontrast Acute Kidney Injury in Adults with Chronic Kidney Disease: The Kompas Randomized Clinical Trial - [link](#)
- Empirical Anti-MRSA vs Standard Antibiotic Therapy and Risk of 30-Day Mortality in Patients Hospitalized for Pneumonia – [link](#)

JAMIA (Journal of the American Medical Informatics Association)

- Learning from electronic health records across multiple sites: A communication-efficient and privacy-preserving distributed algorithm - [link](#)
- medExtractR: A targeted, customizable approach to medication extraction from electronic health records - [link](#)
- Electronic consultations (E-consults) and their outcomes: a systematic review - [link](#)
- Using electronic health record audit logs to study clinical activity: a systematic review of aims, measures, and methods - [link](#)

Journal of Pharmacy Practice and Research (JPPR)

- Deprescribing tools: a review of the types of tools available to aid deprescribing in clinical practice - [link](#)
- Standard of practice in geriatric medicine for pharmacy services - [link](#)

Lancet

- Effect of fixed-dose subcutaneous reslizumab on asthma exacerbations in patients with severe uncontrolled asthma and corticosteroid sparing in patients with oral corticosteroid-dependent asthma: results from two phase 3, randomised, double-blind, placebo-controlled trials - [link](#)
- Antiretroviral therapy alone versus antiretroviral therapy with a kick and kill approach, on measures of the HIV reservoir in participants with recent HIV infection (the RIVER trial): a phase 2, randomised trial - [link](#)

Medical Journal of Australia

- Implementing value-based health care at scale: the NSW experience - [link](#)
- Deprescribing needs to be considered in the pharmacists' prescribing role - [link](#)

Molecular Diversity Preservation International (MDPI) – Pharmacy Journal

- Adaptive Expertise in Continuing Pharmacy Professional Development - [link](#)

New England Journal of Medicine

- Tucatinib, Trastuzumab, and Capecitabine for HER2-Positive Metastatic Breast Cancer - [link](#)
- Nonsedation or Light Sedation in Critically Ill, Mechanically Ventilated Patients - [link](#)

Pharmacotherapy

- Imipenem-Cilastatin-Relebactam: A Novel β -Lactam– β -Lactamase Inhibitor Combination for the Treatment of Multidrug-Resistant Gram-Negative Infections - [link](#)
- Antipsychotic Medications and DNA Methylation in Schizophrenia and Bipolar Disorder: A Systematic Review - [link](#)

Prescrire – French Medical Journal

- Drugs to avoid in the name of better patient care: 2020 update- [link](#)

Thrombosis Research

- Equivalent inpatient mortality among direct-acting oral anticoagulant and warfarin users presenting with major hemorrhage - [link](#)

TAG Mail – 13 February 2020

REPORTS AND PUBLICATIONS – AUSTRALIA

**Australian Commission on Safety and Quality in Health Care (ACSQHC)

- Antimicrobial prescribing practice in Australian hospitals: Results of the 2018 Hospital National Antimicrobial Prescribing Survey Hospital - [link](#)
- Surgical prophylaxis prescribing in Australian hospitals: Results of the 2017 and 2018 Surgical National Antimicrobial Prescribing Surveys - [link](#)
- Options to support implementation of antimicrobial stewardship - [link](#)

**Agency for Clinical Innovation, NSW (ACI)

- Improving access to medication review in high risk inpatients – [link](#)

**NPS MedicineWise

- Managing Pain and Opioid Medicines – a patient action plan resource - [link](#)
- 5 steps to tapering opioids for patients with chronic non-cancer pain - [link](#)
- Australian Prescriber - Volume 43 Issue 1 - [February 2020](#)
 - New drugs: [Patiromer sorbitex calcium](#) for hyperkalaemia and [Tisagenlecleucel](#) for B-cell cancers
- RADAR article: [Cinacalcet](#) for secondary hyperparathyroidism in chronic kidney disease

**NSW Health Intranet

- NSW Rural Adult Emergency Clinical Guidelines [link](#)

**TGA

- Drug discovery – A regulatory toxicologist’s perspective [link](#)
- Microbiological quality of medicinal cannabis products [link](#)
- AusPARs:
 - [nivolumab](#) (Opdivo®) as monotherapy, for hepatocellular carcinoma after prior sorafenib therapy
 - [lacosamide](#) (Vimpat®) as:
 - monotherapy for treatment of partial seizures with or without secondary generalisation in patients with epilepsy aged 16 years and older
 - add-on therapy for partial seizures with or without secondary generalisation in patients with epilepsy aged 4 years and older
- Registration of [new or extended uses](#) of registered medicines:
 - ciclosporin (Cequa®) eye drops to increase tear production in patients with moderate to severe keratoconjunctivitis sicca (dry eye) where prior use of artificial tears has not been sufficient
- Registration of [new chemical entities](#) in Australia:
 - enasidenib (Idhifa®) for adult patients with relapsed or refractory acute myeloid leukaemia who are ineligible for haematopoietic stem cell transplant, and who have an isocitrate dehydrogenase-2 (IDH2) mutation confirmed
 - upadacitinib hemihydrate (Rinvoq®) for moderate to severe active rheumatoid arthritis in adult patients who have responded inadequately to, or who are intolerant to, one or more disease-modifying anti-rheumatic drugs (DMARDs)
 - brolocizumab (Beovu®) for neovascular (wet) age-related macular degeneration

REPORTS AND PUBLICATIONS – INTERNATIONAL

**Agency for Healthcare Research and Quality (AHRQ) USA

- Association of default electronic medical record settings with health care professional patterns of opioid prescribing in emergency departments: A randomized quality improvement study - [link](#)
- Prescribing patterns of heart failure-exacerbating medications following a heart failure hospitalization - [link](#)
- Identifying risks areas related to medication administrations - text mining analysis using free-text descriptions of incident reports - [link](#)
- Lessons learned from a systems approach to engaging patients and families in patient safety transformation - [link](#)

- Impact of pharmacist-led multidisciplinary medication review on the safety and medication cost of the elderly people living in a nursing home: a before-after study - [link](#)
- Nurses as antimicrobial stewards: recognition, confidence, and organizational factors across nine hospitals - [link](#)
- Association of open communication and the emotional and behavioural impact of medical error on patients and families: state-wide cross-sectional survey - [link](#)

****National Institute for Health and Clinical Excellence (NICE) UK**

- Leg ulcer infection: antimicrobial prescribing NICE guideline [NG152], February 2020 - [link](#)
- Antenatal and postnatal mental health: clinical management and service guidance updated [CG192] to reflect valproate use by women and girls, February 2020 - [link](#)
- Bipolar disorder: assessment and management updated [CG185] to reflect valproate use by women and girls, February 2020 - [link](#)
- Epilepsies: diagnosis and management updated [CG137] to reflect valproate use by women and girls, February 2020 - [link](#)
- Sotagliflozin with insulin for treating type 1 diabetes [TA622] - [link](#)
- In development: Suspected neurological conditions [[GID-QS10082](#)] – comments close on 11 March 2020

****Specialist Pharmacy Services**

- Drugs for urinary disorders – are any lactose-free? - [link](#)

MEDICATION SAFETY

****electronic Medicines Compendium (eMC) (UK)**

- Revised SPCs
- [Bydureon®](#) and [Byetta®](#) (exenatide): listing of drug-induced thrombocytopenia (DITP) as an adverse event
- [Xonovea®](#) (doxylamine, pyridoxine): warning of false positive urine screens for methadone, opiates, and phencyclidine (PCP)
- Tostran® ([testosterone](#)): advises caution in patients with thrombophilia or risk factors for venous thromboembolism (VTE)
- Zantac® ([ranitidine](#)): advises concomitant administration of 300 mg ranitidine and erlotinib decreases erlotinib exposure and maximum concentrations
- Toujeo® and Lantus® ([insulin glargine](#)): advises lipodystrophy and cutaneous amyloidosis may occur at injection site and delay local insulin absorption
- [Noradrenaline](#) (norepinephrine): gangrene of extremities added as adverse effect
- Xeljanz® ([tofacitinib](#)): maintenance treatment section for ulcerative colitis added
- Updated Educational Risk Minimisation Materials for Opsumit® ([macitentan](#)) tablets
- Educational Risk Minimisation Materials for Ultomiris® ([ravulizumab](#)) infusion
- [Provera®](#) (medroxyprogesterone acetate) preparations: known or suspected pregnancy is now a contraindication, and now also highlights that conception may be delayed following discontinuation of treatment
- [Syner-KINASE®](#) (urokinase) preparations: now details that the bolus in the pulmonary artery can be repeated for up to 2 times at 24 hour intervals for acute massive pulmonary embolism (previously stated can be repeated up to 3 times)
- [Invokana®](#) (canagliflozin) tablets: photosensitivity (uncommon) and UTI (common) added as potential adverse reactions

****Healthcare Safety Investigation Branch**

- Report highlights 'toxic' risk of beta blocker to prevent overdose deaths - [link](#)

****ISMP**

- Medication Safety Alert! [February 13, 2020](#)
- Errors Associated with Oxytocin Use: A Multi-organization Analysis by ISMP and ISMP Canada
- Now available from ISMP: [Expanded Smart Pump Guidelines](#)
- Problems with containers with dual linear barcodes
- Be prepared for coronavirus
- Rocuronium peel-off label shows amount per mL not per vial
- Unsafe product labeling

- Quarterwatch report: [Scope of Injury from Therapeutic Drugs](#)

PAPERS OF INTEREST

**Annals of Internal Medicine

- Addition of Maraviroc Versus Placebo to Standard Antiretroviral Therapy for Initial Treatment of Advanced HIV Infection: A Randomized Trial - [link](#)

**American Cancer Society Journal

- Comparison of the long-term impact and clinical outcomes of fewer doses and standard doses of human papillomavirus vaccine in the United States: A database study - [link](#)

**American Journal of Health-System Pharmacy (AHJP)

- Implications for medication dosing for transgender patients: A review of the literature and recommendations for pharmacists - [link](#)

- ASHP Statement on the Role of the Medication Safety Leader - [link](#)

- Antithrombotic therapy for postinterventional management of peripheral arterial disease - [link](#)

**British Journal of Clinical Pharmacology

- The efficacy and safety of fingolimod in patients with relapsing multiple sclerosis: A meta-analysis - [link](#)

- Impact of direct oral anticoagulant off-label doses on clinical outcomes of atrial fibrillation patients: A systematic review - [link](#)

**British Medical Journal (BMJ)

- Updating insights into rosiglitazone and cardiovascular risk through shared data: individual patient and summary level meta-analyses - [link](#)

**Cochrane

- First-line combination therapy versus first-line monotherapy for primary hypertension - [link](#)

- Granulocyte colony-stimulating factor with or without stem or progenitor cell infusion for people with compensated or decompensated advanced chronic liver disease - [link](#)

**European Heart Journal

- Gastrointestinal bleeding and the risk of colorectal cancer in anticoagulated patients with atrial fibrillation - [link](#)

- Physical activity, cardiorespiratory fitness, and cardiovascular outcomes in individuals with atrial fibrillation: the HUNT study - [link](#)

European Journal of Hospital Pharmacy

- Prevalence of drug interactions in hospitalised elderly patients: a systematic review - [link](#)

- Effectiveness and safety of sofosbuvir/velpatasvir ± ribavirin vs glecaprevir/pibrentasvir in genotype 3 hepatitis C virus infected patients - [link](#)

- Long-term stability of ready-to-use norepinephrine solution at 0.2 and 0.5 mg/mL - [link](#)

- Incidence and prevalence of intravenous medication errors in the UK: a systematic review - [link](#)

- Comparison of pharmacy technicians' and doctors' medication transcribing errors at hospital discharge - [link](#)

**Heart

- P2Y12 inhibitors with oral anticoagulation for percutaneous coronary intervention with atrial fibrillation: a systematic review and meta-analysis - [link](#)

**Internal Medicine Journal

- Desmopressin acetate (DDAVP) to prevent bleeding in percutaneous kidney biopsy: a systematic review - [link](#)

**JAMA

- Corticosteroids in Community-Acquired Pneumonia - [link](#)

- Effect of Vancomycin or Daptomycin With vs Without an Antistaphylococcal β -Lactam on Mortality, Bacteremia, Relapse, or Treatment Failure in Patients with MRSA Bacteremia - [link](#)

**JAMA Network Open

- Differences Between Randomized Clinical Trial Participants and Real-World Empagliflozin Users and the Changes in Their Glycated Hemoglobin Levels - [link](#)

**JAMA Paediatrics

- Efficacy, Safety, and Acceptability of Pharmacologic Treatments for Pediatric Migraine Prophylaxis. A Systematic Review and Network Meta-analysis - [link](#)

**Journal of the American College of Cardiology

- Oral Anticoagulation for Patients with Atrial Fibrillation on Long-Term Hemodialysis - [link](#)

**Lancet

- Infection and infectious diseases: Clinical evidence does not support corticosteroid treatment for 2019-nCoV lung injury - [link](#)

- Child Adolesc Health: Prevention of cisplatin-induced ototoxicity in children and adolescents with cancer: a clinical practice guideline - [link](#)

- Denosumab salvage therapy in a patient with a locally advanced and refractory sellar giant cell tumour of bone - [link](#)

- Advances in oral immunomodulating therapies in relapsing multiple sclerosis - [link](#)

- The Lancet Infectious Diseases Commission on antimicrobial resistance: 6 years later - [link](#)

**Molecular Diversity Preservation International (MDPI)

- Drug Dosing Considerations in Critically Ill Patients Receiving Continuous Renal Replacement Therapy - [link](#)

**Medical Journal of Australia

- Tafenoquine for the radical cure and prevention of malaria: the importance of testing for G6PD deficiency - [link](#)

New England Journal of Medicine

- Six-Year Follow-up of a Trial of Antenatal Vitamin D for Asthma Reduction - [link](#)

- Tucatinib, Trastuzumab, and Capecitabine for HER2-Positive Metastatic Breast Cancer - [link](#)

- Trastuzumab Deruxtecan in Previously Treated HER2-Positive Breast Cancer - [link](#)

- Plasma Exchange and Glucocorticoids in Severe ANCA-Associated Vasculitis - [link](#)

- [Editorial](#): Major Strides in HER2 Blockade for Metastatic Breast Cancer

**The National Academies Press

- Opportunities to Improve Opioid Use Disorder and Infectious Disease Services - [link](#)

**The American Journal of Cardiology

- Meta-Analysis Evaluating Calcium Channel Blockers and the Risk of Peripheral Arterial Disease in Patients With Hypertension - [link](#)

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REPORTS AND PUBLICATIONS – AUSTRALIA

**Agency for Clinical Innovation, NSW (ACI)

- Stress urinary incontinence: decision aid for women - [link](#)

**Australian Institute for Health and Welfare (AIHW)

- Fact sheets:

- People in contact with criminal justice systems - Use of alcohol, tobacco & other drugs - [link](#)
- Non-medical use of pharmaceutical drugs - [link](#)
- Meth/amphetamine and other stimulants - [link](#)
- Fact sheet: Illicit opioids (heroin) use in Australia - [link](#)

****NSW Health Intranet**

- Identifying and responding to abuse of older people - [link](#)

****TGA**

- Managing your medicines in an emergency - [link](#)
- The Poisons Standard (the [SUSMP](#)): The new edition of the SUSMP (No. 27) has been registered on the Federal Register of Legislation (FRL) as Poisons Standard February 2020
- TGA Laboratories testing report: Gardasil 9 Human Papillomavirus (HPV) vaccine monitoring - [link](#)

REPORTS AND PUBLICATIONS – INTERNATIONAL

****Agency for Healthcare Research and Quality (AHRQ) USA**

- Patient safety in inpatient mental health settings: A systematic review - [link](#)
- Network of Patient Safety Databases Chartbook, 2019 - [link](#)
- Understanding principles of high reliability organizations through the eyes of VIONE: A clinical program to improve patient safety by deprescribing potentially inappropriate medications and reducing polypharmacy - [link](#)
- Adverse medication events related to hospitalization in the United States: A comparison between adults with intellectual and developmental disabilities and those without - [link](#)
- How can patient-held lists of medication enhance patient safety? A mixed-methods study with a focus on user experience - [link](#)
- Checking In on the Checklist - [link](#)

****European Medicines Agency (EMA)**

- Apalutamide for expanded use to include treatment of metastatic hormone-sensitive prostate cancer in combination with androgen deprivation therapy (ADT). - [link](#)
- Givosiran, first treatment for acute hepatic porphyria recommended - [link](#)
- Semaglutide, first oral GLP-1 treatment for type 2 diabetes recommended - [link](#)
- Bempedoic acid alone or in combination with ezetimibe recommended for treatment of primary hypercholesterolaemia and mixed dyslipidaemia - [link](#)

****Health Canada**

- Health Product InfoWatch, [January 2020](#)

****Health Quality & Safety Commission New Zealand**

- Video resource: understanding bias in healthcare - [link](#)

****International Journal for Quality in Health Care**

- Are we using the right tools to manage variation, errors and omissions? - [link](#)

****NHS England**

- Colorectal cancer NICE guideline [[NG151](#)]
- Colorectal cancer Quality standard [[QS20](#)] updated

****Specialist Pharmacy Services**

- What should be considered when choosing or prescribing saliva substitutes? - [link](#)

MEDICATION SAFETY

****electronic Medicines Compendium (eMC) (UK)**

- Revised SPCs
 - Eltroxin ([levothyroxine](#)): updated to advise that haemodynamic parameters should be monitored when levothyroxine is initiated in very low birth weight preterm neonates as circulatory collapse may occur due to immature adrenal function.

- Aldactide ([spironolactone](#) and hydroflumethiazide): basal cell carcinoma and squamous cell carcinoma added as undesirable effects (unknown frequency).
- Sirturo ([bedaquiline](#) fumarate): updated, now it is licensed, as part of an appropriate combination regimen for pulmonary multidrug-resistant tuberculosis, in adolescents aged over 12 years.
- Cyramza ([ramucirumab](#)): updated, now it is licensed, in combination with erlotinib for first-line treatment of adults with metastatic non-small cell lung cancer with activating epidermal growth factor receptor mutations.
- Verzenios (abemaciclib) updated to provide information on dose interruption/dose reduction of abemaciclib in the event of adverse reactions such as interstitial lung disease/pneumonitis.

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

- FDA strengthens warning that untreated constipation caused by schizophrenia medicine clozapine (Clozaril) can lead to serious bowel problems - [link](#)

****Institute for Safe Medication Practices (ISMP) USA**

- Medication Safety Alert!
- Medication Safety Alert! January 30, Medical Abbreviations That Have Contradictory or Ambiguous Meanings - [link](#)

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

- Ondansetron: small increased risk of oral clefts following use in the first 12 weeks of pregnancy - [link](#)
- Mecasermin (Increlex™): risk of benign and malignant neoplasia - [link](#)

PAPERS OF INTEREST

****Age and Ageing**

- Patient-controlled variable dosing of levodopa for Parkinson's disease - [link](#)

****American Journal of Health-System Pharmacy (AHJP)**

- Implications for medication dosing for transgender patients: A review of the literature and recommendations for pharmacists - [link](#)
- Evaluating anticoagulation sensitivity among elderly patients managed with an institution's heparin protocol using initial anti-factor Xa levels - [link](#)

****Annals of Internal Medicine**

- Assessing the Risk for Gout With Sodium–Glucose Cotransporter-2 Inhibitors in Patients With Type 2 Diabetes: A Population-Based Cohort Study - [link](#)
- Sitters as a Patient Safety Strategy to Reduce Hospital Falls: A Systematic Review - [link](#)

****Australian Prescriber**

- National Medicines Policy 2.0: a vision for the future - [link](#)

****British Journal of Clinical Pharmacology**

- Naltrexone–bupropion (Mysimba) in management of obesity: A systematic review and meta-analysis of unpublished clinical study reports - [link](#)
- Genetic variation in EPHA contributes to sensitivity to paclitaxel-induced peripheral neuropathy - [link](#)
- Cardiac failure in patients treated with azacitidine, a pyrimidine analogue: Case reports and disproportionality analyses in Vigibase - [link](#)
- Medication safety in patients with hepatic impairment: A survey of community pharmacists' knowledge level and their practice in caring for these patients - [link](#)
- One-year persistence of potentially inappropriate medication use in older adults: A population-based study - [link](#)
- One-year efficacy and safety of prasugrel and ticagrelor in patients with acute coronary syndromes: Results from a prospective and multicentre ACHILLES registry - [link](#)

****British Medical Journal (BMJ)**

- Thyroid disease assessment and management: summary of NICE guidance - [link](#)
- Adaptation of potentially preventable medication-related hospitalisation indicators for Indigenous populations in Australia using a modified Delphi technique - [link](#)
- Practice pointer: Tailored regimens for combined hormonal contraceptives - [link](#)

****Circulation**

- Impact of Regulatory Guidance on Evaluating Cardiovascular Risk of New Glucose-Lowering Therapies to Treat Type 2 Diabetes Mellitus: Lessons Learned and Future Directions - [link](#)

****Cochrane**

- Discontinuation of long-term antidepressant use for depressive and anxiety disorders in adults - [link](#)

****Diabetes Care**

- ACE and Type 2 Diabetes Risk: A Mendelian Randomization Study - [link](#)

****European Heart Journal**

- Classification, prevalence, and outcomes of anticancer therapy-induced cardiotoxicity: the CARDIOTOX registry - [link](#)

****European Journal of Hospital Pharmacy**

- Fracture risks among patients with atrial fibrillation receiving different oral anticoagulants: a real-world nationwide cohort study - [link](#)

****JAMA**

- Effects of Iron Isomaltoside vs Ferric Carboxymaltose on Hypophosphatemia in Iron-Deficiency Anemia. Two Randomized Clinical Trials - [link](#)
- Effect of Vitamin C, Hydrocortisone, and Thiamine vs Hydrocortisone Alone on Time Alive and Free of Vasopressor Support Among Patients With Septic Shock - The VITAMINS Randomized Clinical Trial - [link](#) ([editorial](#))
- Recurrent Urinary Tract Infections in Adult Women - [link](#)
- Viewpoint: Refocusing Medication Prior Authorization on Its Intended Purpose - [link](#)
- Viewpoint: Changing the Game of Prior Authorization. The Patient Perspective - [link](#)

****JAMA Internal Medicine**

- Clinical Effectiveness and Safety of Aspirin for Venous Thromboembolism Prophylaxis After Total Hip and Knee Replacement: A Systematic Review and Meta-analysis of Randomized Clinical Trials - [link](#)
- Effect of Clinical Geriatric Assessments and Collaborative Medication Reviews by Geriatrician and Family Physician for Improving Health-Related Quality of Life in Home-Dwelling Older Patients Receiving Polypharmacy: A Cluster Randomized Clinical Trial - [link](#)
- Association of Anticoagulant Therapy With Risk of Fracture Among Patients With Atrial Fibrillation - [link](#)
- Commentary: Preemptive Treatment of Herpes Simplex Virus Reactivation in Critically Ill Patients?—Not Based on Current Data - [link](#)
- Evaluation of the Extended-Release/Long-Acting Opioid Prescribing Risk Evaluation and Mitigation Strategy Program by the US Food and Drug Administration: A Review - [link](#)
- Research letter: The Clinical Trials Portfolio for On-label and Off-label Studies of Eculizumab - [link](#)
- Research letter: Association Between Prescribed Opioids and Infections in Patients With Neutropenia and Cancer - [link](#)

****JAMA Paediatrics**

- Association of Opioid Prescribing Patterns With Prescription Opioid Overdose in Adolescents and Young Adults - [link](#)

****JAMIA (Journal of the American Medical Informatics Association)**

- The impact of drug order complexity on prospective medication order review and verification time - [link](#)

****Journal of Clinical Oncology**

- Clinical Cancer Advances 2020: Annual Report on Progress Against Cancer From the American Society of Clinical Oncology - [link](#)

****Lancet**

- Diabetes & Endocrinology: Association of glucose-lowering medications with cardiovascular outcomes: an umbrella review and evidence map - [link](#)
- Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus–Infected Pneumonia - [link](#)
- Infectious Diseases: Global and regional estimates of the contribution of herpes simplex virus type 2 infection to HIV incidence: a population attributable fraction analysis using published epidemiological data - [link](#)
- Oncology: Systemic chemotherapy with or without cetuximab in patients with resectable colorectal liver metastasis (New EPOC): long-term results of a multicentre, randomised, controlled, phase 3 trial - [link](#)

****New England Journal of Medicine**

- Hormone Therapy for Postmenopausal Women - [link](#)
- Use of CAR-Transduced Natural Killer Cells in CD19-Positive Lymphoid Tumors - [link](#)
- Six-Year Follow-up of a Trial of Antenatal Vitamin D for Asthma Reduction - [link](#)

****Public Library of Science (PLOS)**

- Acute kidney injury and adverse renal events in patients receiving SGLT2-inhibitors: A systematic review and meta-analysis - [link](#)

****The National Academies of Science Engineering Medicine**

- Leading Health Indicators 2030. Advancing Health, Equity, and Well-Being (2020) - [link](#)

****Thrombosis and Haemostasis**

- NOAC Adherence of Patients with Atrial Fibrillation in the Real World: Dosing Frequency Matters? - [link](#)
- Editorial: Oral Anticoagulant Treatment in Patients with Atrial Fibrillation and Cancer - [link](#)

TAG Mail – 30 January 2020

REPORTS AND PUBLICATIONS – AUSTRALIA

****Australian Commission on Safety and Quality in Health Care (the Commission) & ANZCA**
- ISO 80369-6:2016 neural connector devices to reduce misconnection errors - Guidelines for implementation in Australia - [link](#)

****Australian Institute of Health and Welfare (AIHW)**

- Mental health services in Australia - [link](#)

****NSW Health Intranet**

- New end of life and palliative care [resources](#), for multicultural communities and people with disability
- New Alcohol and other Drugs Compendium available

A new resource to support clinicians and other health workers where alcohol and other drugs may be involved. It is intended as a quick reference source with general information about alcohol and other drugs, including pharmacology, presentation, acute and long-term effects, known drug interactions, signs and management of intoxication and overdose, and symptoms and onset of withdrawal. This evidence-based resource will be published as an appendix to the Nursing and Midwifery Guidelines: Responding effectively to people who use alcohol and other drugs later in 2020, but is available as a stand-alone resource in PDF format for use by nurses, pharmacists, medical practitioners and allied health professionals for use in a range of settings - [link](#)

- Driving Safety and Medicines consumer information: Available as a coloured pamphlet and print-friendly fact sheet - [link](#)

- Consumer resource to support the Opioid Treatment Program: The OTP Consumer guidelines are now available on the New Users and AIDS Association (NUAA) [website](#)

****PBS**

- Update of the frequently asked questions for the PBS Botulinum Toxin Program - [link](#)

****TGA**

- Five Australian innovators of therapeutic goods - [link](#)
- Access to medicinal cannabis products - [link](#)
- Submissions received and TGA response: Increased online access to ingredient information - [link](#)
- AusPARs:
 - [Fremanezumab](#) (Ajovy®) for the preventive treatment of migraine in adults
 - Inactivated quadrivalent [influenza vaccine](#) (split virion) (Vaxigrip Tetra®) for active immunisation of humans \geq 6 months of age for the prevention of influenza caused by two influenza A and two influenza B virus subtypes.
 - [Isavuconazole](#) (as sulphate) (Cresemba®) indicated in adults for the treatment of invasive aspergillosis or mucormycosis in patients for whom amphotericin B is inappropriate.
 - Australian prescription medicine decision summaries
 - [Enasidenib](#) (Idhifa™) for the treatment of adult patients with relapsed or refractory acute myeloid leukaemia who are ineligible for haematopoietic stem cell transplant, and who have an isocitrate dehydrogenase-2 (IDH2) mutation confirmed by a validated diagnostic test.
 - [Brolucizumab \(rbe\)](#) (Beovu™) for the treatment of neovascular (wet) age-related macular degeneration (AMD).
 - [Upadacitinib](#) (Rinvoq™) for the treatment of moderate to severe active rheumatoid arthritis in adult patients who have responded inadequately to, or who are intolerant to, one or more disease-modifying anti-rheumatic drugs (DMARDs).

****Victorian Institute of Forensic Medicine**

- Future Leaders Communiqué Volume 5 Issue 1 January 2020 - [link](#)

REPORTS AND PUBLICATIONS – INTERNATIONAL

****Agency for Healthcare Research and Quality (AHRQ) USA**

- Failure mode and effects analysis to reduce risk of heparin use - [link](#)
- Identifying potential patient safety issues from the Federal Electronic Health Record Surveillance Program - [link](#)
- Association of State Opioid Duration Limits With Postoperative Opioid Prescribing - [link](#)
- Preventing critical failure. Can routinely collected data be repurposed to predict avoidable patient harm? A quantitative descriptive study - [link](#)
- Medication reconciliation improvement utilizing process redesign and clinical decision support - [link](#)
- Developing a cancer-specific trigger tool to identify treatment-related adverse events using administrative data - [link](#)

****British National Formulary (BNF)**

- January BNF/BNFC [Newsletter](#)

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

- New Drug approvals
 - [Vigabatrin](#) (Sabril®) expanding use to patients \geq 2 years of age with refractory complex partial seizures (rCPS) and proposed modifications to the approved vigabatrin REMS.
 - [Fidaxomicin](#) (Dificid®): now includes pediatric patients from 6 months to less than 18 years of age. Provides updates to prescribing information relevant to fidaxomicin use in this pediatric population.

****Institute for Healthcare Improvement**

- White Paper: Improving Behavioral Health Care in the Emergency Department and Upstream - [link](#)
- Improving Health Equity: Assessment Tool for Health Care Organizations - [link](#)

****NHS England**

- Commissioning for Quality and Innovation (CQUIN) guidance for 2020-2021 - [link](#)

****NHS Improvement**

- Preventing healthcare associated Gram-negative bloodstream infections - [link](#)

- **National Institute for Health and Clinical Excellence (NICE) UK
- Osimertinib for untreated EGFR mutation-positive non-small-cell lung cancer ([TA621](#))
- Supporting adult carers ([NG150](#))
- Colorectal cancer: guidance ([NG151](#)) and updated quality standard ([QS20](#))

- **Royal Pharmaceutical Society
- Pharmaceutical Journal provides overview of medicines shortages faced in 2019 - [link](#)

- **Salzburg Global Seminar
- Salzburg Global Fellows Design New Global Principles for Measuring Patient Safety - [link](#)

- **Specialist Pharmacy Services
- Low molecular weight heparins – should prophylactic doses be used in patients with renal impairment? - [link](#)
- Regional Medicines Optimisation Committee (RMOC) Advisory Statement: Sequential Use of Biologic Medicines - [link](#)

- **World Health Organisation (WHO)
- WHO guidelines for the use of thermal ablation for cervical pre-cancer lesions - [link](#)

MEDICATION SAFETY

- **electronic Medicines Compendium (eMC) (UK)
- Revised SPCs
- Darzalex™ ([daratumumab](#)): updated with new indication: in combination with bortezomib, thalidomide and dexamethasone for the treatment of adults with newly diagnosed multiple myeloma who are eligible for autologous stem cell transplant.
- Fluarix Tetra™ ([influenza vaccine-split virion, inactivated](#)): updated to advise that Fluarix Tetra can be concomitantly administered with adjuvanted herpes zoster vaccine (Shingrix™).
- Yervoy™ ([ipilimumab](#)): As per CHMP request, a footnote was added to indicate that safety of re-initiating nivolumab or nivolumab in combination with ipilimumab therapy in patients previously experiencing immune-related myocarditis is not known.
- Giotrif™ ([afatinib](#)) tablets: updated to warn GI perforation, including fatalities, has been reported in 0.2% patients in RCTs. In the majority of cases, outcome was linked to other known risk factors e.g. corticosteroids, NSAIDs, anti-angiogenic agents, age, underlying GI ulceration history.
- Ofev™ and Vargatef™ ([nintedanib](#)): Headache (frequency common) and alopecia (frequency uncommon) added as adverse effects.
- Imodium™ ([loperamide](#)) - all products: now states that overdose can unmask existing Brugada syndrome, an autosomal-dominant inherited arrhythmic disorder.
- Solu-Medrone™ ([methylprednisolone sodium succinate](#)) - now states that the recommended dose is 500 mg or 1 g daily for 3 days when treating acute exacerbations of multiple sclerosis in adults,.
- Zydol™ ([tramadol](#)): now advises “Opioids can cause sleep-related breathing disorders including central sleep apnoea (CSA) and sleep-related hypoxaemia (risk of CSA increased in dose-dependent fashion). In patients who present with CSA, consider decreasing the total opioid dosage.”
- New products
- [Melatonin](#) Pharma Nord 3mg film-coated tablets - licensed for the short-term treatment of jet-lag in adults
- Mayzent™ ([siponimod fumaric acid](#)) 0.25 mg and 2mg film-coated tablets - licensed for treatment of adults with secondary progressive multiple sclerosis with active disease evidenced by relapses or imaging features of inflammatory activity.
- Cytotect CP Biotest ([human cytomegalovirus immunoglobulin \(CMVIG\)](#)) 100 U/ml solution for infusion - licensed for the prophylaxis of clinical manifestations of cytomegalovirus infection in patients subjected to immunosuppressive therapy, particularly in transplant recipients.

- **EMA
- Picato™ ([ingenol mebutate](#)) gel suspended as precaution while review of skin cancer risk continues.
- Four-week limit for use of [high-strength estradiol creams](#) (100 micrograms/gram [0.01%])
- License extension for [ustekinumab](#) to include treatment of plaque psoriasis in children between 6 and 11 years.

**Institute for Safe Medication Practices (ISMP) USA

- Medication Safety Alert! [January 30, 2020](#)
- Medical Abbreviations That Have Contradictory or Ambiguous Meanings
- Waste and error risk tied to Stivarga™ packaging
- Caution: Look-alike, sound-alike drug name pairs
- Acute Care Action Agenda (October – December 2019)

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

- [Ondansetron](#): small increased risk of oral clefts following use in the first 12 weeks of pregnancy
- [Mecasermin](#) (Increlex™): risk of benign and malignant neoplasia
- E-cigarette use or vaping: reporting suspected adverse reactions, including lung injury - [link](#)
- Letters and drug alerts sent to healthcare professionals in December 2019 - [link](#)

**Medsafe (New Zealand Medicines and Medical Devices Safety Authority)

- Update: [Levetiracetam](#) - supply and potential seizure control issues for patients.
- Update: [Dolutegravir](#) and the possible risk of neural tube defects when taken early in pregnancy.

PAPERS OF INTEREST

**American Journal of Cardiology

- Efficacy and Safety of Mineralocorticoid Receptor Antagonists in Patients with Heart Failure and Chronic Kidney Disease – [link](#)

**American Journal of Gastroenterology

- No Association Linking Short-Term Proton Pump Inhibitor Use to Dementia: Systematic Review and Meta-analysis of Observational Studies - [link](#)

**American Journal of Medical Quality

- Addressing the Opioid Crisis One Surgical Patient at a Time: Outcomes of a Novel Perioperative Pain Program - [link](#)
- Effects of Practice Turnover on Primary Care Quality Improvement Implementation - [link](#)
- Hospital-Acquired Infections and Readmissions: Let's Refocus on the Person - [link](#)
- A Strategy for Noise Reduction to Improve Patient Experiences with Sleep (SNORES) - [link](#)

**American Journal of Health-System Pharmacy (AHJP)

- Evaluating anticoagulation sensitivity among elderly patients managed with an institution's heparin protocol using initial anti-factor Xa levels - [link](#)
- Establishing sustainable trust-based relationships across the pharmacy enterprise - [link](#)
- Pharmacists ascribing value of technician certification using an organizational behavior framework - [link](#)
- A multicenter quality improvement initiative on the impact of pharmacists' post discharge follow-up to reduce medication-related acute care episodes - [link](#)
- Privileging pharmacists improves time to patient notification in the microbiological test review process for patients discharged from the emergency department - [link](#)
- Assessment of hospital emergency medication kit use at a large academic medical center with automated dispensing machine technology - [link](#)
- Third Consensus Development Conference on the Safety of Intravenous Drug Delivery Systems—2018 - [link](#)
- Comparative effectiveness and safety of apixaban versus warfarin in patients with venous thromboembolism - [link](#)
- Development and evaluation of an inpatient multispecialty faculty shared service model - [link](#)
- Structured prescription instructions and medication adherence - [link](#)

**Annals of Internal Medicine

- Cost-Effectiveness of Transitional Care Services After Hospitalization With Heart Failure - [link](#)
- Survival, Nonrelapse Mortality, and Relapse-Related Mortality after Allogeneic Hematopoietic Cell Transplantation: Comparing 2003–2007 Versus 2013–2017 Cohorts - [link](#)
- Oral fluoroquinolone was linked to mitral and aortic regurgitation compared with amoxicillin or azithromycin - [link](#)

- ASCO updated recommendations for preventing and treating VTE in adults with cancer - [link](#)
- In patients with recent ACS and uncontrolled dyslipidemia, alirocumab reduced MACE regardless of previous CABG - [link](#)
- In stable CAD with type 2 diabetes, adding ticagrelor to aspirin reduced CV events but increased major bleeding - [link](#)
- In ACS with planned invasive evaluation, prasugrel vs ticagrelor reduced a composite of death, MI, or stroke at 1 y - [link](#)
- In AF and stable CAD, rivaroxaban reduced cardiovascular events and mortality more than rivaroxaban plus an antiplatelet - [link](#)
- In plantar fasciitis, corticosteroid injections and placebo do not differ for reducing pain at ≤ 12 weeks - [link](#)
- In healthy adults, high-dose vitamin D did not improve radial or tibial BMD or strength - [link](#)

**BMC Emergency Medicine

- Diagnostic error in the emergency department: learning from national patient safety incident report analysis - [link](#)

**British Journal of Pharmacology

- Pulmonary hypertension (PH) in chronic obstructive pulmonary disease (COPD) - [link](#)

**British Journal of Clinical Pharmacology

- Sustaining and spreading penicillin allergy delabelling: A narrative review of the challenges for service delivery and patient safety - [link](#)
- Impact of renal impairment and human organic anion transporter inhibition on pharmacokinetics, safety and tolerability of relebactam combined with imipenem and cilastatin - [link](#)
- Population pharmacokinetic modelling of busulfan and the influence of body composition in paediatric Fanconi anaemia patients - [link](#)
- A deadly trend in fentanyl fatalities (England, 1998–2017) - [link](#)
- Cost-effectiveness of long-acting insulin analogues vs intermediate/long-acting human insulin for type 1 diabetes: A population-based cohort followed over 10 years - [link](#)
- Impact of a multidisciplinary quality improvement initiative to reduce inappropriate usage of stress ulcer prophylaxis in hospitalized patients - [link](#)
- Vancomycin: Audit of American guideline-based intermittent dose administration with focus on overweight patients - [link](#)
- Imatinib, sunitinib and pazopanib: From flat-fixed dosing towards a pharmacokinetically guided personalized dose - [link](#)
- Model-based approach for methoxy polyethylene glycol-epoetin beta drug development in paediatric patients with anaemia of chronic kidney disease - [link](#)

**British Medical Journal (BMJ)

- Writing outpatient letters to patients - [link](#)
- Industry funding of patient and health consumer organisations: systematic review with meta-analysis - [link](#)
- Risk of herpes zoster after exposure to varicella to explore the exogenous boosting hypothesis: self controlled case series study using UK electronic healthcare data - [link](#)
- What is the best method for managing early miscarriage? - [link](#)
- Review: Duchenne muscular dystrophy ([DMD](#))

**BMJ Quality and Safety

- Quality & Safety in the Literature: March 2020 - [link](#)
- Impact of structured interdisciplinary bedside rounding on patient outcomes at a large academic health centre - [link](#)
- Failure to administer recommended chemotherapy: acceptable variation or cancer care quality blind spot? - [link](#)
- Medication-related harm in older adults following hospital discharge: development and validation of a prediction tool - [link](#)
- Preventing critical failure. Can routinely collected data be repurposed to predict avoidable patient harm? A quantitative descriptive study - [link](#)

**Circulation

- Effects of Dapagliflozin on Symptoms, Function, and Quality of Life in Patients with Heart Failure and Reduced Ejection Fraction: Results from the DAPA-HF Trial - [link](#)
- Meta-Analysis Comparing Double Versus Triple Antithrombotic Therapy in Patients with Atrial Fibrillation and Coronary Artery Disease - [link](#)

**Cochrane

- Ibuprofen for the prevention of patent ductus arteriosus in preterm and/or low birth weight infants - [link](#)
- Oral Janus kinase inhibitors for maintenance of remission in ulcerative colitis - [link](#)
- Paracetamol (acetaminophen) for patent ductus arteriosus in preterm or low birth weight infants - [link](#)
- Paracetamol (acetaminophen) for prevention or treatment of pain in newborns - [link](#)
- Interventions for chronic pruritus of unknown origin - [link](#)
- Pharmacological treatment other than corticosteroids, intravenous immunoglobulin and plasma exchange for Guillain-Barré syndrome - [link](#)
- Hygiene and emollient interventions for maintaining skin integrity in older people in hospital and residential care settings - [link](#)
- Rapid versus slow withdrawal of antiepileptic drugs - [link](#)
- Probiotics for people with cystic fibrosis - [link](#)
- Different infusion durations for preventing platinum-induced hearing loss in children with cancer - [link](#)
- Drug therapy for delirium in terminally ill adults - [link](#)
- Beta-blockers for suspected or diagnosed acute myocardial infarction - [link](#)
- Non-vitamin K antagonist oral anticoagulants (NOACs) post-percutaneous coronary intervention: a network meta-analysis - [link](#)

**Diabetes, Obesity and Metabolism

- Efficacy and safety of insulin glargine 300 U/mL versus insulin glargine 100 U/mL in Asia Pacific insulin-naïve people with type 2 diabetes: The EDITION AP randomized controlled trial - [link](#)
- Are the cardiovascular and kidney benefits of empagliflozin influenced by baseline glucose-lowering therapy? - [link](#)

**Emergency Medicine Journal

- Comparison of four decision aids for the early diagnosis of acute coronary syndromes in the emergency department - [link](#)

**European Heart Journal

- One-year outcomes in atrial fibrillation presenting during infections: a nationwide registry-based study - [link](#)
- Early discharge and home treatment of patients with low-risk pulmonary embolism with the oral factor Xa inhibitor rivaroxaban: an international multicentre single-arm clinical trial - [link](#)
- 2019 ESC Guidelines for the diagnosis and management of acute pulmonary embolism developed in collaboration with the European Respiratory Society (ERS) - [link](#)
- Cardiovascular diseases outside the heart: novel recommendations for pulmonary embolism and peripheral arterial disease - [link](#)
- Effects of clopidogrel vs. prasugrel vs. ticagrelor on endothelial function, inflammatory parameters, and platelet function in patients with acute coronary syndrome undergoing coronary artery stenting: a randomized, blinded, parallel study - [link](#)

**European Journal of Clinical Pharmacology

- Incidence of Adverse Drug Reactions in High-Risk Pregnancy: A Prospective Cohort Study in Obstetric Intensive Care - [link](#)
- "It's helpful to get the time and opportunity to discuss drug treatment; that's what I think is the most important thing."—A qualitative study on prescribing education in junior physicians - [link](#)
- The pharmacokinetics of meropenem and piperacillin-tazobactam during sustained low efficiency haemodiafiltration (SLED-HDF) - [link](#)
- Pharmacokinetics of and maintenance dose recommendations for vancomycin in severe pneumonia patients undergoing continuous venovenous hemofiltration with the combination of predilution and postdilution - [link](#)
- Effect of magnesium supplementation on lactate clearance in critically ill patients with severe sepsis: a randomized clinical trial - [link](#)

- Levetiracetam as preventive treatment in adults with migraine: an up-to-date systematic review and quantitative meta-analysis - [link](#)
- Impacts of metformin on tuberculosis incidence and clinical outcomes in patients with diabetes: a systematic review and meta-analysis - [link](#)

****European Journal of Hospital Pharmacy**

- Editorial: Disinformation in the information age - [link](#)
- Feasibility of using CollaboRATE to evaluate pharmacist-led medicines-related consultations in UK hospitals: a pilot study - [link](#)

****European Respiratory Journal**

- Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline - [link](#)
- Oral steroid-sparing effect of high-dose inhaled corticosteroids in asthma - [link](#)

****Health Expectations**

- Patients' experiences of the caring encounter with the psychiatric emergency response team in the emergency medical service—A qualitative interview study - [link](#)
- Improving the quality of care for people who had a stroke in a low/middle-income country: A qualitative analysis of health-care professionals' perspectives - [link](#)

****Internal Medicine Journal**

- Treatment and outcomes of metastatic colorectal cancer patients in public and private hospitals: Results from the South Australian Metastatic Colorectal Cancer Registry - [link](#)
- Results from a double blinded, randomized, placebo-controlled, feasibility trial of melatonin for the treatment of delirium in older medical inpatients - [link](#)
- Prognostic Significance of Suboptimal Secondary Prevention Pharmacotherapy After Acute Coronary Syndromes - [link](#)
- Portopulmonary hypertension: prognosis and management in the current treatment era. Results from the REHAP Registry - [link](#)

****International Journal of Clinical Pharmacy**

- Prescription of potentially inappropriate medications in elderly outpatients: a survey using 2015 Japanese Guidelines - [link](#)

****JAMA**

- Viewpoint: Coronavirus Infections—More Than Just the Common Cold - [link](#)
- Which Postmenopausal Women Should Use Testosterone for Low Sexual Desire? - [link](#)
- Intravenous Ondansetron in Pregnancy and Risk of Congenital Malformations - [link](#)
- First-Trimester Pregnancy Exposure to Modafinil and Risk of Congenital Malformations - [link](#)
- Association of Isolated Diastolic Hypertension as Defined by the 2017 ACC/AHA Blood Pressure Guideline With Incident Cardiovascular Outcomes - [link](#)

****JAMA Cardiology**

- Association of Blood Pressure Patterns in Young Adulthood with Cardiovascular Disease and Mortality in Middle Age - [link](#)

****JAMA Internal Medicine**

- Post-Acute Kidney Injury Proteinuria and Subsequent Kidney Disease Progression - [link](#)
- A National Survey of the Frequency of Drug Company Detailing Visits and Free Sample Closets in Practices Delivering Primary Care - [link](#)

****JAMA Network Open**

- Comparison of Mortality and Major Cardiovascular Events among Adults with Type 2 Diabetes Using Human vs Analogue Insulins - [link](#)
- Risk of Persistence and Progression of Use of 5 Cannabis Products after Experimentation Among Adolescents - [link](#)
- Association of Repeated Antibiotic Exposure Up to Age 4 Years with Body Mass at Age 4.5 Years - [link](#)
- Editorial: Is Early-Life Antibiotic Exposure Associated With Obesity in Children? - [link](#)

- Association of Potentially Modifiable Diabetes Care Factors with Glycemic Control in Patients With Insulin-Treated Type 2 Diabetes - [link](#)
- Association of Longitudinal Values of Glycated Hemoglobin with Cardiovascular Events in Patients With Type 2 Diabetes and Multivessel Coronary Artery Disease – [link](#)

****JAMA Neurology**

- Blood Pressure Thresholds and Neurologic Outcomes After Endovascular Therapy for Acute Ischemic Stroke - [link](#)

****JAMA Oncology**

- Cost-effectiveness of Tisagenlecleucel vs Standard Care in High-risk Relapsed Pediatric Acute Lymphoblastic Leukemia in Canada - [link](#)

****JAMA Paediatrics**

- Exposure to Secondhand Aerosol from Electronic Cigarettes Among US Youth From 2015 to 2018 - [link](#)
- Acute Otitis Media - [link](#)

****Journal of the American Society of Nephrology**

- Multicenter Randomized Controlled Trial of Vitamin K Antagonist Replacement by Rivaroxaban with or without Vitamin K2 in Hemodialysis Patients with Atrial Fibrillation: the Valkyrie Study - [link](#)

****JAMIA**

- Consumer health information and question answering: helping consumers find answers to their health-related information needs - [link](#)
- Using REDCap and Apple ResearchKit to integrate patient questionnaires and clinical decision support into the electronic health record to improve sexually transmitted infection testing in the emergency department - [link](#)
- The impact of drug order complexity on prospective medication order review and verification time - [link](#)
- Evaluating a digital sepsis alert in a London multisite hospital network: a natural experiment using electronic health record data - [link](#)
- Adverse drug event rates in pediatric pulmonary hypertension: a comparison of real-world data sources - [link](#)
- Lessons learned implementing a complex and innovative patient safety learning laboratory project in a large academic medical center - [link](#)

****Journal of Palliative Medicine**

- Glycopyrrolate and the Management of “Death Rattle” in Patients with Myasthenia Gravis - [link](#)
- Special [Series](#): Medical Cannabis in Palliative Care
- Benefit of Tetrahydrocannabinol versus Cannabidiol for Common Palliative Care Symptoms - [link](#)
- The Prevalence of Nonprescription Cannabinoid-Based Medicines in British Children's Hospices: Results of a National Survey - [link](#)
- Attitudes and Beliefs about Medical Usefulness and Legalization of Marijuana among Cancer Patients in a Legalized and a Non-legalized State - [link](#)

****Journal of Pharmacy Practice and Research (JPPR)**

- Editorial: Locking shields not swords: strengthening pharmacy and medicine partnerships for better patient care - [link](#)
- Evaluation of the effect of direct oral anticoagulant availability on hospital presentations for bleeding related to oral anticoagulation in South Australia - [link](#)
- Editorial: Clear guidance on improving care in Emergency Departments: Clinical pharmacists as part of the team - [link](#)

****Journal of Thrombosis and Haemostasis**

- Accuracy of HAS-BLED and other bleeding risk assessment tools in predicting major bleeding events in atrial fibrillation: A network meta-analysis - [link](#)

****Lancet**

- Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China - [link](#)

- A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster - [link](#)
- The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017 - [link](#)
- Long-term efficacy and safety of ruxolitinib versus best available therapy in polycythaemia vera (RESPONSE): 5-year follow up of a phase 3 study - [link](#)
- Hydromorphone and the risk of infective endocarditis among people who inject drugs: a population-based, retrospective cohort study - [link](#)
- Efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis (MS-SMART): a phase 2b, multiarm, double-blind, randomised placebo-controlled trial - [link](#)
- Low-dose aspirin for the prevention of preterm delivery in nulliparous women with a singleton pregnancy (ASPIRIN): a randomised, double-blind, placebo-controlled trial - [link](#)
- Review: Type 1 diabetes—early life origins and changing epidemiology - [link](#)
- Viewpoint: Tumour lysis syndrome in patients with chronic lymphocytic leukaemia treated with BCL-2 inhibitors: risk factors, prophylaxis, and treatment recommendations - [link](#)
- Prophylaxis and management of graft versus host disease after stem-cell transplantation for haematological malignancies: updated consensus recommendations of the European Society for Blood and Marrow Transplantation - [link](#)
- Advances and challenges in stroke rehabilitation - [link](#)

****Molecular Diversity Preservation International (MDPI) – Pharmacy Journal**

- Designing a Clinical Pharmacy Primary Care Intervention for Myocardial Infarction Patients Using a Patient and Public Involvement Discussion - [link](#)

****Medical Journal of Australia**

- Migraine: a brain state amenable to therapy - [link](#)
- Gastro-oesophageal reflux disease in infancy: a review based on international guidelines - [link](#)

****New England Journal of Medicine**

- Vaccination of Infants with Meningococcal Group B Vaccine (4CMenB) in England - [link](#)
- Family History of Gastric Cancer and Helicobacter pylori Treatment - [link](#)
- Conservative versus Interventional Treatment for Spontaneous Pneumothorax - [link](#)

****National Institute for Health Research (NIHR) Signals**

- Impact of a national quality improvement programme for hospital wards is unclear - [link](#)
- Fewer infections with antibiotic-impregnated shunts for hydrocephalus - [link](#)
- Uptake of shingles vaccination is more likely if proactively offered in primary care - [link](#)
- GLP-1 drug for diabetes gives modest cardiovascular benefits compared with placebo - [link](#)
- Tranexamic acid is safe to use following mild-to-moderate traumatic brain injury and reduces deaths - [link](#)

****Pediatrics**

- Techniques to Communicate Better with Parents during End-of-Life Scenarios in Neonatology - [link](#)
- Thyroid Storm in a Toddler Presenting as a Febrile Seizure - [link](#)

****Pharmacotherapy**

- Effectiveness and Safety of Direct Oral Anticoagulants versus Warfarin in Obese Patients with Acute Venous Thromboembolism - [link](#)
- Establishing the Therapeutic Index of Fluid Resuscitation in the Septic Patient: A Narrative Review and Meta-Analysis - [link](#)
- The Impact of Proximal Roux-en-Y Gastric Bypass Surgery on Acetaminophen Absorption and Metabolism - [link](#)

****PROSPERO - International prospective register of systematic reviews**

- A systematic review of face-to-face medication adherence interventions for patients with long-term health conditions - [link](#)
- Defensive medicine: a systematic review of qualitative studies - [link](#)

****Public Library of Science (PLOS)**

- Prevalence and genetic profiles of isoniazid resistance in tuberculosis patients: A multicountry analysis of cross-sectional data - [link](#)

**The National Academies Press

- Opportunities to Improve Opioid Use Disorder and Infectious Disease Services - [link](#)

**Thrombosis and haemostasis

- Editorial: Idarucizumab for Reversion of Anticoagulant Effect in Daily Practice - [link](#)

- Efficacy and Safety of Nonvitamin K Oral Anticoagulants in Patients with Atrial Fibrillation and Cancer: A Study-Level Meta-Analysis - [link](#)

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REPORTS AND PUBLICATIONS – AUSTRALIA

**Agency for Clinical Innovation, NSW (ACI)

- Over-diagnosis and over-treatment in the frail and elderly - [link](#)

**Australian Commission on Safety and Quality in Health Care (ACSQHC)

- Update to Infection Prevention and Control [Workbook](#) 2019 and [modules](#)

- Summer 2019 news - [link](#)

**Australian Institute for Health and Welfare (AIHW)

- Alcohol, tobacco & other drugs in Australia - [link](#)

- Australia's children - [link](#)

- Australia's children: in brief - [link](#)

- GEN: Quality indicators - [link](#)

- Consumers' experience of residential aged care, Australia 2017–19 - [link](#)

**NSW Health Intranet

- Signs of a heart attack or cardiac arrest poster - [link](#)

- Steps to take if someone has suffered a cardiac arrest poster - [link](#)

- LIFEPAK® 15 Monitor/Defibrillator defect correction – 2020 – [SN001/20](#)

**Pharmacy Council of NSW

- BEWARE – scams to obtain schedule 8 drugs via telephoned orders - [link](#)

REPORTS AND PUBLICATIONS – INTERNATIONAL

**Agency for Healthcare Research and Quality (AHRQ) USA

- Association between mobile telephone interruptions and medication administration errors in a pediatric intensive care unit - [link](#)

- Lessons learned implementing a complex and innovative patient safety learning laboratory project in a large academic medical center - [link](#)

- Testing alertness of emergency physicians: A novel quantitative measure of alertness and implications for worker and patient care - [link](#)

- Demonstrating the value of postgraduate fellowships for physicians in quality improvement and patient safety - [link](#)

- Use of error management theory to quantify and characterize residents' error recovery strategies - [link](#)

**Alzheimer's Society

- Alzheimer's Society analysis of NHS England's Hospital Episode Statistics dataset 2012/13 to 2017/18 - [link](#)

**Canadian Agency for Drugs and Technologies in Health

- Rapid response: Lancets for Point of Care and Capillary Blood Testing: Guidelines - [link](#)

****European Commission**

- Ten recommendations to unlock the potential of big data for public health in the EU - [link](#)
- New Drug Approvals
- solriamfetol ([Sunosi](#)[®]) for excessive daytime sleepiness in adults with narcolepsy or obstructive sleep apnoea.
- polatuzumab vedotin ([Polivy](#)[®]) approved in combination with bendamustine plus MabThera[®] (rituximab), for the treatment of adult patients who have relapsed or refractory (R/R) diffuse large B-cell lymphoma (DLBCL) and are not candidates for a haematopoietic stem cell transplant
- daratumumab ([Darzalex](#)[®])(in combination with bortezomib, thalidomide and dexamethasone) for newly diagnosed, transplant eligible patients with multiple myeloma
- siponimod ([Mayzent](#)[®]) for secondary progressive multiple sclerosis in adults

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

- New Drug approvals
- [belimumab](#) (Benlysta[®]) for treatment of adults with active, autoantibody-positive, systemic lupus erythematosus (SLE) who are receiving standard therapy
- [infliximab-QBTX](#) (Ixifi[®]) for reducing signs and symptoms and inducing and maintaining clinical remission in pediatric patients 6 years of age and older with moderately to severely active ulcerative colitis who have had an inadequate response to conventional therapy
- [semaglutide](#) (Ozempic[®]) to reduce the risk of major adverse cardiovascular events (cardiovascular death, non-fatal myocardial infarction or non-fatal stroke) in adults with type 2 diabetes mellitus and established cardiovascular disease
- [pertuzumab](#) (Perjeta[®]) now for intravenous use
- [ferric derisomaltose](#) (Monoferric[®]) for iron deficiency anemia in adult patients
- [pasireotide diaspertate](#) (Signifor[®]) change in clinical data to include post-marketing information
- [teprotumumab-trbw](#) (Tepezza[®]) for the treatment of adults with thyroid eye disease

****Monthly Index of Medical Specialties (MIMS)**

- Fitness to fly guidance- [link](#)

****National Institute for Health and Clinical Excellence (NICE) UK**

- Larotrectinib for treating NTRK fusion-positive solid tumours – DRAFT Technology Appraisal Guidance ([TA10229](#))
- Community pharmacies: promoting health and wellbeing – DRAFT Quality Standard ([QS10115](#))
- Atezolizumab with carboplatin and nab-paclitaxel for untreated advanced non-squamous non-small-cell lung cancer (terminated appraisal) ([TA618](#))
- Palbociclib with fulvestrant for treating hormone receptor-positive, HER2-negative, advanced breast cancer ([TA619](#))
- Olaparib for maintenance treatment of relapsed platinum-sensitive ovarian, fallopian tube or peritoneal cancer ([TA620](#))
- Osimertinib for untreated EGFR mutation-positive non-small-cell lung cancer – guidance ([TA621](#))
- Ustekinumab for treating moderately to severely active ulcerative colitis- [Draft Guidance](#) for consultation
- Supporting adult carers – guidance ([NG150](#))
- Rheumatoid arthritis in over 16s ([QS33](#))

****NHS Improvement**

- Introducing criteria-led discharge in an acute medical unit- [link](#)

****Public Health England**

- Wuhan novel coronavirus and avian flu: advice for travel to China- [link](#)

****Specialist Pharmacy Service**

- Assessing the quality of Cannabis-Based Products for Medicinal Use (CBPM) and cannabis-based food supplements available in the UK (January 2020): NHS Pharmaceutical QA Committee- [link](#)
- Is there Evidence to Support the use of Enteric Coated (EC) Aspirin to Reduce Gastrointestinal Side Effects in Patients with Cardiovascular Disease?- [link](#)

****The King's Fund (UK)**

- Professor David Williams on racism, discrimination and the impact they have on health - [link](#)

MEDICATION SAFETY

**electronic Medicines Compendium (eMC) (UK)

- Revised SPCs
- [Metoclopramide](#) injection: contraindications now include breastfeeding and use within 3-4 days of operations such as pyloroplasty or gut anastomosis as new contraindications. Also noted to have moderate influence on ability to drive and may reduce levels of atovaquone.
- [Nexplanon](#)[®] (etonogestrel implant for subdermal use): updated to include post market surveillance reports of respiratory disorders (e.g. cough and haemoptysis) and haematoma following insertion or removal of the implant.
- [Gilenya](#)[®] (fingolimod hydrochloride): Autoimmune haemolytic anaemia and weight reduction have been added as adverse effects of treatment with unknown and common ($\geq 1/100$ to $< 1/10$) frequency, respectively.
- [Edurant](#)[®] (rilpivirine): now highlights that a moderate amount of data on pregnant women (between 300-1000 pregnancy outcomes) indicate no malformative or feto/neonatal toxicity of rilpivirine.
- Other
- Sodium valproate Pregnancy Prevention Programme- updated guide for Healthcare Professionals- [link](#)

**EMA

- Mandatory use of international standard for the reporting of side effects to improve safety of medicines - [link](#)

PAPERS OF INTEREST

**American Journal of Health-System Pharmacy (AHJP)

- Oral fluoroquinolone was linked to mitral and aortic regurgitation compared with amoxicillin or azithromycin - [link](#)
- In stable CAD with type 2 diabetes, adding ticagrelor to aspirin reduced CV events but increased major bleeding - [link](#)
- In ACS with planned invasive evaluation, prasugrel vs ticagrelor reduced a composite of death, MI, or stroke at 1 y - [link](#)
- In AF and stable CAD, rivaroxaban reduced cardiovascular events and mortality more than rivaroxaban plus an antiplatelet - [link](#)
- In plantar fasciitis, corticosteroid injections and placebo do not differ for reducing pain at ≤ 12 weeks - [link](#)
- In healthy adults, high-dose vitamin D did not improve radial or tibial BMD or strength - [link](#)

**British Journal of Clinical Pharmacology

- Placental transporter-mediated drug interactions and offspring congenital anomalies - [link](#)
- Population pharmacokinetic modeling of plasma $\Delta 9$ -tetrahydrocannabinol and an active and inactive metabolite following controlled smoked cannabis administration - [link](#)
- Population pharmacokinetics and pharmacodynamics of dobutamine in neonates on the first days of life - [link](#)
- Hypnotics with novel modes of action - [link](#)
- Improving prescribing through big data approaches—Ten years of the Scottish Prescribing Information System - [link](#)
- The effectiveness and safety of topical β -receptor blocker in treating superficial infantile haemangiomas: A meta-analysis including 20 studies - [link](#)
- Effectiveness of interventions on the appropriate use of opioids for non-cancer pain among hospital inpatients: A systematic review - [link](#)
- Serious adverse effects occurring after chemotherapy: A general cancer registry-based incidence survey - [link](#)
- Direct oral anticoagulants uptake and an oral anticoagulation paradox - [link](#)
- Misuse of benzodiazepines: Prevalence and impact in an inpatient population with psychiatric disorders - [link](#)
- Review of therapeutic drug monitoring of infliximab in spondyloarthritis—Catching up with management concepts from other inflammatory conditions - [link](#)

- Multi-site evaluation of partnered pharmacist medication charting and in-hospital length of stay - [link](#)
- Off-label use of tacrolimus in children with glomerular disease: Effectiveness, safety and pharmacokinetics - [link](#)

**British Medical Journal (BMJ)

- Editorial: New drug treatments for cystic fibrosis - [link](#)
- Editorial: The search for better vaccines against TB - [link](#)
- Editorial: Blindsided: challenging the dogma of masking in clinical trials- [link](#)
- Editorial: New drug treatments for cystic fibrosis- [link](#)
- China coronavirus: cases surge as official admits human to human transmission - [link](#)
- Practice: What is the best method for managing early miscarriage? - [link](#)
- Practice: Is there a place for intra-articular corticosteroid injections in the treatment of knee osteoarthritis? - [link](#)
- Research: Major cardiac events for adult survivors of childhood cancer diagnosed between 1970 and 1999: report from the Childhood Cancer Survivor Study cohort - [link](#)
- Rising to the challenge of multimorbidity - [link](#)
- Research: Post-discharge acute care and outcomes following readmission reduction initiatives: national retrospective cohort study of Medicare beneficiaries in the United States - [link](#)
- Research: Impact of blinding on estimated treatment effects in randomised clinical trials: meta-epidemiological study- [link](#)
- Research Methods and Reporting: Synthesis without meta-analysis (SWiM) in systematic reviews: reporting guideline - [link](#)

**BMJ Drug and Therapeutics Bulletin

- Commentary: High-dose PPI and aspirin as chemoprevention in Barrett's oesophagus- [link](#)
- Drug review: Melatonin for jet lag- [link](#)

**BMJ Open

- Variation of effect estimates in the analysis of mortality and length of hospital stay in patients with infections caused by bacteria-producing extended-spectrum beta-lactamases: a systematic review and meta-analysis - [link](#)
- Vitamin D supplementation to improve pregnancy and perinatal outcomes: an overview of 42 systematic reviews - [link](#)

**BMJ Quality and Safety

- Failure to administer recommended chemotherapy: acceptable variation or cancer care quality blind spot? - [link](#)
- Association of open communication and the emotional and behavioural impact of medical error on patients and families: state-wide cross-sectional survey - [link](#)
- How can patient-held lists of medication enhance patient safety? A mixed-methods study with a focus on user experience - [link](#)
- Medication-related harm in older adults following hospital discharge: development and validation of a prediction tool - [link](#)
- Viewpoint: Preventing Clostridioides difficile infection in hospitals: what is the endgame? - [link](#)
- Viewpoint: Measuring low-value care: learning from the US experience measuring quality - [link](#)
- Novel tools for a learning health system: a combined difference-in-difference/regression discontinuity approach to evaluate effectiveness of a readmission reduction initiative - [link](#)
- Editorial: Mind the gap: how vulnerable patients fall through the cracks of cancer quality metrics - [link](#)

**Circulation

- Survival After Intravenous Versus Intraosseous Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Shock-Refractory Cardiac Arrest - [link](#)

**Cochrane

- Dressings and topical agents for arterial leg ulcers - [link](#)
- Anti-inflammatory medications for obstructive sleep apnoea in children - [link](#)
- Granulocyte-colony stimulating factor administration for subfertile women undergoing assisted reproduction - [link](#)

- Hypertonic saline versus other intracranial pressure–lowering agents for people with acute traumatic brain injury - [link](#)
- Improving vaccination uptake among adolescents - [link](#)
- Resveratrol for adults with type 2 diabetes mellitus - [link](#)
- Antibiotic prophylaxis to prevent spontaneous bacterial peritonitis in people with liver cirrhosis: a network meta-analysis - [link](#)
- Blood transfusions for treating acute chest syndrome in people with sickle cell disease - [link](#)
- Induction immunosuppression in adults undergoing liver transplantation: a network meta-analysis - [link](#)
- Topical and device-based treatments for fungal infections of the toenails - [link](#)
- Treatment for ascites in adults with decompensated liver cirrhosis: a network meta-analysis - [link](#)

**Diabetes Care

- Empagliflozin Effectively Lowers Liver Fat Content in Well-Controlled Type 2 Diabetes: A Randomized, Double-Blind, Phase 4, Placebo-Controlled Trial - [link](#)
- Sex Difference in Effects of Low-Dose Aspirin on Prevention of Dementia in Patients with Type 2 Diabetes: A Long-term Follow-up Study of a Randomized Clinical Trial - [link](#)

**Internal Medicine Journal

- Prognostic Significance of Suboptimal Secondary Prevention Pharmacotherapy After Acute Coronary Syndromes - [link](#)

**International Journal of Clinical Pharmacy

- High-risk nonsteroidal anti-inflammatory drugs prescribing in primary care: results from National Medical Care Survey Malaysia - [link](#)
- Survey of healthcare professionals' practices, expectations, and attitudes towards provision of patient information leaflets in Thailand - [link](#)

**JAMA

- Effect of Stress Ulcer Prophylaxis with Proton Pump Inhibitors vs Histamine-2 Receptor Blockers on In-Hospital Mortality among ICU Patients Receiving Invasive Mechanical Ventilation. The PEPTIC Randomized Clinical Trial - [link](#)
- Editorial: Proton Pump Inhibitors vs Histamine-2 Receptor Blockers for Stress Ulcer Prophylaxis in Critically Ill Patients. Issues of Interpretability in Pragmatic Trials - [link](#)
- Effect of Vitamin C, Hydrocortisone, and Thiamine vs Hydrocortisone Alone on Time Alive and Free of Vasopressor Support among Patients with Septic Shock. The VITAMINS RCT - [link](#)
- Editorial: Lack of Benefit of High-Dose Vitamin C, Thiamine, and Hydrocortisone Combination for Patients with Sepsis - [link](#)
- Can an Evidence-Based Approach Improve the Patient-Physician Relationship? - [link](#)
- Effect of Hydroxyethyl Starch vs Saline for Volume Replacement Therapy on Death or Postoperative Complications among High-Risk Patients Undergoing Major Abdominal Surgery: The FLASH Randomized Clinical Trial - [link](#)

**JAMA Network Open

- Associations of Fish Oil Supplement Use with Testicular Function in Young Men - [link](#)
- Association of Plasma Concentration of Vitamin B12 with All-Cause Mortality in the General Population in the Netherlands - [link](#)
- Effect of intranasal vs Intramuscular Naloxone on Opioid Overdose: A Randomized Clinical Trial - [link](#)

**JAMA Oncology

- Effect of Dasatinib vs Imatinib in the Treatment of Pediatric Philadelphia Chromosome–Positive Acute Lymphoblastic Leukemia. A Randomized Clinical Trial - [link](#)

**JAMIA

- medExtractR: A targeted, customizable approach to medication extraction from electronic health records - [link](#)

** Journal for Healthcare Quality

- Factors Associated with Nurses' Acceptance of the Electronic Intensive Care Unit - [link](#)

**** Journal of the Australian Healthcare & Hospitals Association**

- Smoke-free hospital grounds - [link](#)

**** Journal of Palliative Medicine**

- Dexmedetomidine: A Novel Strategy for Patients with Intractable Pain, Opioid-Induced Hyperalgesia, or Delirium at the End of Life - [link](#)

- Pharmacovigilance in Hospice/Palliative Care: De-Prescribing Combination Controlled Release Oxycodone-Naloxone - [link](#)

****Lancet**

- Compliance with legal requirement to report clinical trial results on ClinicalTrials.gov: a cohort study - [link](#)

- Addition of anti-thymocyte globulin to standard graft-versus-host disease prophylaxis versus standard treatment alone in patients with haematological malignancies undergoing transplantation from unrelated donors: final analysis of a randomised, open-label, multicentre, phase 3 trial - [link](#)

- Risk of self-harm after the diagnosis of psychiatric disorders in Hong Kong, 2000–10: a nested case-control study - [link](#)

- Concurrent prenatal drinking and smoking increases risk for SIDS: Safe Passage Study report - [link](#)

- Global, regional, and national sepsis incidence and mortality, 1990–2017: analysis for the Global Burden of Disease Study - [link](#)

- Alcohol and illicit drug use in people with diabetes - [link](#)

- Efficacy, immunogenicity, and safety of an oral influenza vaccine: a placebo-controlled and active-controlled phase 2 human challenge study - [link](#)

- Where next for inhaled corticosteroids in childhood asthma? - [link](#)

****Molecular Diversity Preservation International (MDPI) – Pharmacy Journal**

- Pharmacists as a Source of Advice on Medication Use for Athletes - [link](#)

****Medical Journal of Australia**

- Achieving greater clinician engagement and impact in health care improvement: a neglected imperative - [link](#)

****New England Journal of Medicine**

- Treating Hypertension in Chronic Obstructive Pulmonary Disease - [link](#)

- Meningococcal B Vaccine and Meningococcal Carriage in Adolescents in Australia - [link](#)

- Elagolix for Heavy Menstrual Bleeding in Women with Uterine Fibroids - [link](#)

- Teprotumumab for Thyroid-Associated Ophthalmopathy - [link](#)

- A Randomized Trial of Erythropoietin for Neuroprotection in Preterm Infants - [link](#)

- Perspective: Abuses of FDA Regulatory Procedures - The Case of Suboxone (buprenorphine–naloxone) - [link](#)

- JAK Inhibitor Therapy in a Child with Inherited USP18 Deficiency - [link](#)

- Lipoprotein(a) Reduction in Persons with Cardiovascular Disease - [link](#)

****National Institute for Health Research (NIHR)**

- Improving Care by Using Patient Feedback - [link](#)

****Pediatrics (American Academy of Pediatrics)**

- Clinical Response to Discordant Therapy in Third-Generation Cephalosporin-Resistant UTIs - [link](#)

- Commentary: Annotations on Emerging Concerns about Antibiotic-Resistant Urinary Tract Infection - [link](#)

****Pharmacotherapy**

- Vancomycin Pharmacokinetics in Obese Patients with Sepsis or Septic Shock - [link](#)

- Evaluation of Eravacycline: a Novel Fluorocycline - [link](#)

****PROSPERO - International prospective register of systematic reviews**

- A systematic review and network meta-analysis of the effectiveness of discharge interventions from hospitals to the community - [link](#)

- A systematic review of venous thromboembolism risk assessment models for hospital inpatients - [link](#)

****Thrombosis and Haemostasis**

- Efficacy and Safety of Glycoprotein IIb/IIIa Inhibitors on Top of Ticagrelor in STEMI: A Subanalysis of the ATLANTIC Trial - [link](#)
- Understanding the Effects of NOAC Combined with Antiplatelet Therapy on Clot Kinetics - [link](#)

TAG Mail – 16 January 2020

REPORTS AND PUBLICATIONS – AUSTRALIA

****Agency for Clinical Innovation, NSW (ACI)**

- Crowdsourcing survey of methods and approaches for experiential evidence typology – ends 3 Feb 2020- [link](#)
- Centre for Healthcare Redesign Projects:
 - METabolic MONitoring Whole Health in Mind - [link](#)
 - Opioid treatment options - [link](#)
 - Improving access to medication review in high risk inpatients - [link](#)
 - Transition to Recovery - [link](#)
- Clinician Connect, [December 2019](#)

****Australian Commission on Safety and Quality in Health Care (ACSQHC)**

- [AS18/07](#): Reprocessing of reusable medical devices in health service organisations
- Communicating for Safety resource portal - [link](#)

****AHHA**

- The Health Advocate, [December 2019](#)

****NSW Health Intranet**

- Pharmaceutical Charges for Hospital Outpatients and Safety Net Thresholds - [link](#)
- Legal instrument for tenofovir disoproxil fumarate and emtricitabine supply as PrEP in MI-EPIC trial - [link](#)
- Safety Information [001/20](#) - Use of linen in radiological procedures potential artefact
- The Centre for Aboriginal Health: Newsletter – Talkabout, [December 2019](#)

****Pharmacy Council of NSW**

- Do you compound for other pharmacies? - [link](#)
- Message from the Ministry of Health - Forged prescriptions - [link](#)
- Recent Prosecutions - Reminders to Pharmacists - [link](#)

****PBS**

- The Closing the Gap - PBS Co-payment Measure - [link](#)
- Fees, Patient Contributions and Safety Net Thresholds - [link](#)
- Changes to certain s100 programs - [link](#)
- Biosimilar trastuzumab and rituximab on the PBS - information for health professionals and patients - [link](#)
- Advice for approved pharmacists supplying medicines to patients in areas affected by natural disasters, including bushfires - December 2019 - [link](#)

****TGA**

- Prescription medicines: registration of new generic medicines and biosimilar medicines - [link](#)
- AusPARs:
 - [cenegermin](#) (rbe) (Oxervate®) for moderate (persistent epithelial defect) or severe (corneal ulcer) neurotrophic keratitis in adults
 - [nitric oxide](#) (INOMax®) to selectively decrease pulmonary arterial pressure in patients with perioperative pulmonary hypertension in conjunction with heart surgery
 - [dolutegravir/lamivudine](#) (Dovato®) for HIV-1 infection in antiretroviral treatment-naïve adults and adolescents (from 12 years of age weighing at least 40 kg) who have no known or suspected resistance to either antiretroviral component

- [artemether](#) (ArTiMist 6®) rejected by TGA
- [polatuzumab vedotin](#) (Polivy®), in combination with bendamustine and rituximab, for treatment of previously treated adult patients with diffuse large B-cell lymphoma who are not candidates for hematopoietic stem cell transplant.
- [siponimod](#) (Mayzent®) for secondary progressive multiple sclerosis.
- [alirocumab \(rch\)](#) (Praluent®) for: 1) primary hypercholesterolaemia (alone or in combination with other lipid-lowering therapies) and 2) risk reduction of cardiovascular events in adults with established cardiovascular disease, in combination with optimally dosed statins and/or other lipid lowering therapies
- [sonidegib](#) (Odomzo®) for adult patients with: 1) locally advanced basal cell carcinoma (BCC) who are not amenable to curative surgery or radiation therapy or 2) metastatic BCC
- Registration of [new or extended uses](#) of registered medicine:
- glecaprevir with pibrentasvir (Maviret®) for the treatment of adult and adolescent patients 12 years and older with chronic hepatitis C virus (HCV) genotype 1, 2, 3, 4, 5, or 6 infection with or without compensated cirrhosis. This includes patients with HCV genotype 1 infection who were previously treated with either a regimen of an NS5A inhibitor or with an NS3/4A protease inhibitor but not both classes of inhibitors.
- Registration of [new chemical entities](#) in Australia:
- midodrine hydrochloride (Midodrine Ans®, Midodrine Scp®, Vasodrine®) for adults with severe symptomatic orthostatic hypotension due to autonomic dysfunction when exacerbating factors have been addressed and other forms of treatment remain inadequate.

**Victorian Institute of Forensic Medicine

- Clinical Communiqué – [December 2019](#)

REPORTS AND PUBLICATIONS – INTERNATIONAL

**Agency for Healthcare Research and Quality (AHRQ) USA

- Integrating adverse event reporting into a free-text mobile application used in daily workflow increases adverse event reporting by physicians - [link](#)
- Effect of cognitive aids on adherence to best practice in the treatment of deteriorating surgical patients: a randomized clinical trial in a simulation setting - [link](#)
- Content analysis of patient safety incident reports for older adult patient transfers, handovers, and discharges: do they serve organizations, staff, or patients? - [link](#)
- Application of human factors to improve usability of clinical decision support for diagnostic decision-making: a scenario-based simulation study - [link](#)
- A mixed methods study examining teamwork shared mental models of interprofessional teams during hospital discharge - [link](#)
- An ethnography of parents' perceptions of patient safety in the neonatal intensive care unit - [link](#)

**Canadian Agency for Drugs and Technologies in Health

- Rapid response reports
- Intranasal and Intramuscular Naloxone for Opioid Overdose in the Pre-Hospital Setting: A Review of Comparative Clinical and Cost-Effectiveness, and Guidelines - [link](#)
- Fall Risk Assessment Tools in Obstetric Populations: Clinical Utility and Guidelines - [link](#)
- Methadone Liquid, Methadone, and Compounded Methadone in Patients with Opioid-Use Disorder Using Opioid Agonist Therapy: Comparative Clinical Effectiveness and Guidelines – An Update - [link](#)
- Acetylcysteine for Neuromuscular Disorder Patients Requiring Mucus Secretion Clearance: Clinical Effectiveness and Guidelines - [link](#)

**European Medicines Agency (EMA)

- Human medicines: highlights of 2019 - [link](#)

**electronic Medicines Compendium (eMC) (UK)

- New products
- [Ammonaps](#)® (sodium phenylbutyrate) tablets and granules: licensed as adjunctive therapy in the chronic management of urea cycle disorders, involving deficiencies of carbamylphosphate synthetase, ornithine transcarbamylase or argininosuccinate synthetase
- Revised SPCs

- [Revlimid®](#) (lenalidomide): updated with new indication of use in combination with rituximab for the treatment of adult patients with previously treated follicular lymphoma (grade 1 – 3a).
- Dysport® (botulinum type A): updated with new indication of treatment of cerebral palsy in [paediatric](#) upper limbs.

*Food and Drug Administration (FDA) USA

- New Drug approvals
- [diazepam](#) (Valtoco®) new dosage form – nasal spray
- [pembrolizumab](#) (Keytruda®) for the treatment of patients with Bacillus Calmette-Guerin (BCG)-unresponsive, high-risk, non-muscle invasive bladder cancer with carcinoma in situ with or without papillary tumors who are ineligible for or have elected not to undergo cystectomy

**Health Canada

- Health Product InfoWatch, [December 2019](#)

**Institute for Healthcare Improvement

- The Role of Racism as a Core Patient Safety Issue - [link](#)

**National Institute for Health and Clinical Excellence (NICE) UK

- Indoor air quality at home ([NG149](#))
- Flu vaccination: increasing uptake ([QS190](#))
- Cladribine for treating relapsing–remitting multiple sclerosis ([TA616](#))
- Luspautrombopag for treating thrombocytopenia in people with chronic liver disease needing a planned invasive procedure ([TA617](#))
- Lung cancer in adults ([QS17](#))

**Royal Pharmaceutical Society

- New Competency Framework for Designated Prescribing Practitioners - [link](#)

**Specialist Pharmacy Services

- Is there Evidence to Support the use of Enteric Coated (EC) Aspirin to Reduce Gastrointestinal Side Effects in Patients with Cardiovascular Disease? - [link](#)
- What naloxone doses should be used in adults to urgently reverse the effects of opioids? - [link](#)

**The King's Fund (UK)

- Changing challenges into opportunities to improve care - [link](#)

MEDICATION SAFETY

**electronic Medicines Compendium (eMC) (UK)

- Revised SPCs
- [Lyrica®](#) (pregabalin): now advises caution when used with opioids due to risk of CNS depression - increased risk was observed at low doses of pregabalin (≤ 300 mg) and there was a trend for a greater risk at high doses of pregabalin
- [Briviact®](#) (brivaracetam): tablets contain lactose and with rare hereditary problems of galactose intolerance, total lactase deficiency or glucose-galactose malabsorption should not take this medicine.
- [Celebrex®](#) (celecoxib): now includes concomitant use of antiplatelet drugs as a risk factor for increased incidence for upper and lower gastrointestinal complications.
- [Pradaxa®](#) (dabigatran): concomitant administration with glecaprevir/pibrentasvir contraindicated owing to increased bleeding risk due to increased dabigatran concentrations. Also, alopecia added as potential adverse effect (frequency unknown).
- [Sodium valproate products](#): now advises that in utero exposure to valproate may also result in hearing impairment or deafness in the child due to ear and/or nose malformations and/or to direct toxicity on the hearing function. When outcomes were reported, the majority of the cases did not recover.
- [Norditropin®](#) (somatropin): now includes scoliosis (known to be more frequent in certain patient groups treated with somatropin e.g. Turner syndrome). In addition, slipped epiphyses of the hip may occur more frequently.

--[Brufen](#)® (ibuprofen): now warns of very rare skin reactions, some fatal, including exfoliative dermatitis, Stevens-Johnson syndrome, and toxic epidermal necrolysis, with use of NSAIDs. Stop at first appearance of skin rash/mucosal lesions/ hypersensitivity.

--Testosterone undecanoate [capsules](#) and [injection](#): VTE cases have been reported In thrombophilic patients, even under anticoagulation treatment; therefore continuing testosterone treatment after 1st VTE is cautioned. In case of treatment continuation, further measures should be taken to minimise risk. Use in patients with risk factors for VTE also cautioned.

--[Ketalar](#)® (ketamine): now states long term use is not recommended owing to cases of cystitis, including haemorrhagic cystitis, acute kidney injury, hydronephrosis, and ureteral disorders that have been reported with long term treatment.

--[Lustral](#)® (sertraline): now advises caution for use in patients with risk factors for QTc prolongation such as cardiac disease, hypokalaemia or hypomagnesaemia, familial history of QTc prolongation, bradycardia and concomitant use of medications which prolong QTc interval.

--[Metvix](#)® (methyl aminolevulinate) cream: now advises conventional Photodynamic Therapy with a lamp may be a precipitating factor for transient global amnesia in very rare instances – unknown mechanism. Also includes amnesia as an adverse effect.

--[Levitra](#)® (vardenafil): now updated to advise that serious CV events including sudden death, tachycardia, MI, ventricular tachy-arrhythmia, angina pectoris, and cerebrovascular disorders (including TIA and cerebral haemorrhage), have been reported in temporal association with vardenafil.

**Institute for Safe Medication Practices (ISMP) USA

- Medication Safety Alert! [January 16, 2020](#): Top 10 Medication Errors and hazards; barcodes on curved surfaces

**Medsafe (New Zealand Medicines and Medical Devices Safety Authority)

- Risk of infections with Prolia (denosumab) - [link](#)
- Update - Tramadol and opioid effects in breastfeeding babies - [link](#)
- Medsafe Reinforces Advice on Lamotrigine - [link](#)
- Update on suspected adverse reaction reports to lamotrigine after changing brands - [link](#)

PAPERS OF INTEREST

**American Journal of Health-System Pharmacy (AHJP)

- A systematic overview of systematic reviews evaluating medication adherence interventions - [link](#)
- Accuracy of and prescriber perceptions related to documenting antibiotic indications during order entry at an academic medical center - [link](#)
- Medication safety: Still a pressing concern - [link](#)
- Compliance with the riociguat risk evaluation and mitigation strategies at an academic medical center - [link](#)
- Management of chronic obstructive pulmonary disease: A review focusing on exacerbations - [link](#)
- Antithrombotic therapy for post-interventional management of peripheral arterial disease - [link](#)
- Enteral baclofen withdrawal managed with intravenous dexmedetomidine: A case report - [link](#)

**Annals of Internal Medicine

- Assessing the Risk for Gout with Sodium–Glucose Cotransporter-2 Inhibitors in Patients with Type 2 Diabetes: A Population-Based Cohort Study - [link](#)
- Physician Time Spent Using the Electronic Health Record during Outpatient Encounters: A Descriptive Study - [link](#)
- Testosterone Treatment in Adult Men With Age-Related Low Testosterone: A Clinical Guideline from the American College of Physicians - [link](#)
- Efficacy and Safety of Testosterone Treatment in Men: An Evidence Report for a Clinical Practice Guideline by the American College of Physicians - [link](#)
- Hospital-Level Care at Home for Acutely Ill Adults: A Randomized Controlled Trial - [link](#)

**Australasian Emergency Care

- Awareness of diagnosis and follow up care after discharge from the Emergency Department - [link](#)

**Australian Journal of Primary Health

- Association of health literacy and diabetes self-management: a systematic review - [link](#)
- Childhood infection, antibiotic exposure and subsequent metabolic risk in adolescent and young adult Aboriginal Australians: practical implications - [link](#)

. **British Journal of Clinical Pharmacology

- Preventable adverse drug events: Descriptive epidemiology - [link](#)
- A novel approach to support implementation of biosimilars within a UK tertiary hospital - [link](#)
- Risk factors associated with biochemically detected and hospitalised acute kidney injury in patients prescribed renin angiotensin system inhibitors - [link](#)
- Lidocaine as treatment for neonatal seizures: Evaluation of previously developed population pharmacokinetic models and dosing regimen - [link](#)
- Population pharmacokinetics of vancomycin in obesity: Finding the optimal dose for (morbidly) obese individuals - [link](#)
- Evaluation of the effect of P-glycoprotein inhibition and induction on talazoparib disposition in patients with advanced solid tumours - [link](#)
- Pharmacokinetic basis for dosing high-dose methotrexate in infants and young children with malignant brain tumours - [link](#)
- Impact of the pharmacist-led intervention on the control of medical cardiovascular risk factors for the primary prevention of cardiovascular disease in general practice: A systematic review and meta-analysis of randomised controlled trials - [link](#)
- Adverse events following cannabis for medical use in Tuscany: An analysis of the Italian Phytovigilance database - [link](#)

**British Medical Journal (BMJ)

- Efficacy and safety of gastrointestinal bleeding prophylaxis in critically ill patients: systematic review and network meta-analysis - [link](#)
- Gastrointestinal bleeding prophylaxis for critically ill patients: a clinical practice guideline - [link](#)
- Paracetamol for pain in adults - [link](#)
- C reactive protein testing in general practice safely reduces antibiotic use for flare-ups of COPD - [link](#)

**BMJ Open

- Economic evaluation of clinical quality registries: a systematic review- [link](#)

**BMJ Quality and Safety

- Does team reflexivity impact teamwork and communication in interpersonal hospital-based healthcare teams? A systematic review and narrative synthesis - [link](#)
- Multistate programme to reduce catheter-associated infections in intensive care units with elevated infection rates - [link](#)
- Medication non-adherence: an overlooked target for quality improvement interventions - [link](#)
- Accuracy of quality measurement for the Hospital Acquired Conditions Reduction Program - [link](#)
- Weekend effect: complex metric for a complex pathway - [link](#)
- Viewpoint: Discharge against medical advice: 'deviant' behaviour or a health system quality gap? - [link](#)
- Patient safety incident reporting: a qualitative study of thoughts and perceptions of experts 15 years after 'To Err is Human' - [link](#)
- Deprescribing psychotropic medications in children- [link](#)

**Circulation: Cardiovascular Quality and Outcomes

- Dose titration of Ambulatory Care for Heart Failure- [link](#)
- Analysis of American College of Cardiology/American Heart Association Guideline Author Self-Disclosure Compared With Open Payments Industry Disclosure- [link](#)
- Editorial: Can we trust the Independence of Cardiovascular Guidelines?- [link](#)

**Cochrane

- Interventions for renal vasculitis in adults - [link](#)
- Cisplatin versus carboplatin in combination with third-generation drugs for advanced non-small cell lung cancer - [link](#)
- Interventions to slow progression of myopia in children - [link](#)

- Sclerotherapy versus beta-blockers for primary prophylaxis of oesophageal variceal bleeding in children and adolescents with chronic liver disease or portal vein thrombosis - [link](#)
- Systemic pharmacological treatments for chronic plaque psoriasis: a network meta-analysis - [link](#)
- Magnesium sulfate for acute exacerbations of chronic obstructive pulmonary disease - [link](#)
- Topical antibiotics for chronic suppurative otitis media - [link](#)
- Antibiotics versus topical antiseptics for chronic suppurative otitis media - [link](#)
- Drug treatment for spinal muscular atrophy types II and III - [link](#)
- Intravesical Bacillus Calmette-Guérin versus mitomycin C for Ta and T1 bladder cancer - [link](#)

**Drug Safety

- Prevalence and Nature of Medication Errors and Preventable Adverse Drug Events in Paediatric and Neonatal Intensive Care Settings: A Systematic Review - [link](#)

**European Journal of Hospital Pharmacy

- Changing the medication documentation process for discharge: impact on clinical routine and documentation quality—a process analysis - [link](#)

**Health Affairs

- Trends In Opioid Prescribing And Self-Reported Pain Among US Adults - [link](#)

**Healthcare Quarterly

- Going “Big Bang” into an Electronic Health Record: Four Recommendations from Leading a Dynamic Academic Health Sciences Hospital Through Transformational Change on Time, in Scope and Within Budget - [link](#)

**Internal Medicine Journal

- Tolerability and efficacy of Sacubitril/ Valsartan in clinical practice - [link](#)
- Comparison of the Quick Sepsis-Related Organ Failure Assessment (qSOFA) and Adult Sepsis Pathway in Predicting Adverse Outcomes among Adult Patients on General Wards: A Retrospective Observational Cohort Study - [link](#)
- Does Infection Prolong the QT Interval? - [link](#)

**International Journal of Clinical Pharmacy

- Effect of proton pump inhibitors on high-dose methotrexate elimination: a systematic review and meta-analysis - [link](#)
- The impact of a Calderdale Framework designed advanced pharmacy assistant role on inpatient pharmacy services - [link](#)
- Drug–drug interactions in patients undergoing chemoradiotherapy and the impact of an expert team intervention - [link](#)
- Potential drug–drug interactions associated with clinical and laboratory findings at hospital admission - [link](#)
- Evaluation of a method for drug-related problems identification and classification in hospital setting: applicability and reliability - [link](#)
- The inappropriate use of proton pump inhibitors during admission and after discharge: a prospective cross-sectional study - [link](#)
- Evaluation of a program of pharmaceutical counseling for French patients on oral anticoagulant therapy - [link](#)
- Medication reconciliation upon admission in paediatric hospital setting: preliminary data - [link](#)

**International Journal for Quality in Health care

- The role of organizational and professional cultures in medication safety: A scoping review of the literature- [link](#)
- Assessing the performance of indicators during their life cycle: the mixed QUID method- [link](#)

**JAMA

- Human Papillomavirus Vaccination for Adults. Updated Recommendations of the Advisory Committee on Immunization Practices (ACIP) - [link](#)
- Decreasing Staphylococcus aureus in the Neonatal Intensive Care Unit by Decolonizing Parents - [link](#)
- Adding Patient-Reported Outcomes to Medicare’s Oncology Value-Based Payment Model - [link](#)

****JAMA Cardiology**

- Reducing the Clinical and Public Health Burden of Familial Hypercholesterolemia - [link](#)
- Eligibility and Preventive Potential for New Evidence-Based Cardiovascular Drugs in Secondary Prevention - [link](#)

****JAMA Dermatology**

- Efficacy and Safety of Multiple Dupilumab Dose Regimens after Initial Successful Treatment in Patients With Atopic Dermatitis: A Randomized Clinical Trial - [link](#)
- Considerations in Weaning or Withdrawing Dupilumab Therapy—Nothing Is Forever - [link](#)
- Methotrexate for the Treatment of Recalcitrant Erosive Lichen Planus of the Vulva - [link](#)

****JAMA Internal Medicine**

- Getting Better at Measuring Hospital Mortality - [link](#)
- Leading the Call for Reform of Medical Device Safety Surveillance - [link](#)
- Outcomes Before and After the Recall of a Heart Failure Pacemaker - [link](#)
- Evaluation of the Extended-Release/Long-Acting Opioid Prescribing Risk Evaluation and Mitigation Strategy Program by the US Food and Drug Administration: A Review - [link](#)
- Getting Serious About Opioid Regulation - [link](#)

****JAMA Network Open**

- Association of Ticagrelor vs Clopidogrel With Major Adverse Coronary Events in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention - [link](#)
- Participation in a Hospital Incentive Program for Follow-up Treatment for Opioid Use Disorder - [link](#)
- Association of Physician Peer Influence With Subsequent Physician Adoption and Use of Bevacizumab - [link](#)
- Effectiveness of Combined Behavioral and Drug Therapy for Overactive Bladder Symptoms in Men: A Randomized Clinical Trial - [link](#)

****JAMA Neurology**

- Antiepileptic Drug Exposure in Infants of Breastfeeding Mothers with Epilepsy - [link](#)

****JAMA Oncology**

- The Role of Maintenance Strategies in Metastatic Colorectal Cancer: A Systematic Review and Network Meta-analysis of Randomized Clinical Trials - [link](#)
- Use of Immunotherapy With Programmed Cell Death 1 vs Programmed Cell Death Ligand 1 Inhibitors in Patients With Cancer: A Systematic Review and Meta-analysis - [link](#)
- Association between Immune-Related Adverse Events and Recurrence-Free Survival among Patients with Stage III Melanoma Randomized to Receive Pembrolizumab or Placebo: A Secondary Analysis of a Randomized Clinical Trial - [link](#)

****JAMA Ophthalmology**

- Efficacy of a Treat-and-Extend Regimen With Ranibizumab in Patients With Neovascular Age-Related Macular Disease - [link](#)

****JAMA Otolaryngology–Head & Neck Surgery**

- Minimizing Excess Opioid Prescribing for Acute Postoperative Pain - [link](#)

****JAMA Paediatrics**

- Receipt of Addiction Treatment After Opioid Overdose Among Medicaid-Enrolled Adolescents and Young Adults - [link](#)
- Viewpoint: Paradigm Shift in Asthma Therapy for Adolescents - Should It Apply to Younger Children as Well? - [link](#)
- Association Between Use of Multiple Classes of Antibiotic in Infancy and Allergic Disease in Childhood - [link](#)
- Evaluating the Placebo Status of Nebulized Normal Saline in Patients with Acute Viral Bronchiolitis: A Systematic Review and Meta-analysis - [link](#)

****JAMA Psychiatry**

- All-Cause and Cause-Specific Mortality among People Using Extramedical Opioids: A Systematic Review and Meta-analysis - [link](#)

- Electroencephalographic Biomarkers for Predicting Antidepressant Response: New Methods, Old Questions - [link](#)

** Journal of the American Geriatric Society

- Impact of Intensive Blood Pressure Therapy on Concern about Falling: Longitudinal Results from the Systolic Blood Pressure Intervention Trial (SPRINT) - [link](#)

** Journal of the Australian Healthcare & Hospitals Association

- Heart Failure Integrated Care Project: overcoming barriers encountered by primary health care providers in heart failure management - [link](#)

- Sustainability of antimicrobial stewardship programs in Australian rural hospitals: a qualitative study - [link](#)

- Role of Aboriginal Health Workers and Liaison Officers in quality care in the Australian acute care setting: a systematic review - [link](#)

** Journal of Health Organization and Management

- The impact of leadership churn on quality management in Australian hospitals- [link](#)

** Journal of Patient Safety

- Never Events in UK General Practice: A Survey of the Views of General Practitioners on Their Frequency and Acceptability as a Safety Improvement Approach - [link](#)

** Journal of Patient Safety and Risk Management

- Addressing need and formulating ideas to mitigate prescribing errors in pediatric settings - [link](#)

** Journal of Pharmacy Practice and Research (JPPR)

- Standard of practice in emergency medicine for pharmacy services - [link](#)

** Lancet

- Cost-effectiveness of first-line treatment options for patients with advanced-stage Hodgkin lymphoma: a modelling study - [link](#)

- Risk of admission to hospital for serious infection after initiating tofacitinib versus biologic DMARDs in patients with rheumatoid arthritis: a multidatabase cohort study - [link](#)

** Medical Journal of Australia

- Achieving greater clinician engagement and impact in health care improvement: a neglected imperative- [link](#)

- Migraine: a brain state amenable to therapy- [link](#)

- Gastro-oesophageal reflux disease in infancy: a review based on international guidelines- [link](#)

- Euglycaemic ketoacidosis from an SGLT2 inhibitor exacerbated by a ketogenic diet- [link](#)

** Molecular Diversity Preservation International (MDPI)

- Pharmacist–Physician Collaboration to Improve the Accuracy of Medication Information in Electronic Medical Discharge Summaries: Effectiveness and Sustainability - [link](#)

- The Hematopoietic Cell Transplant Pharmacist: A Call to Action - [link](#)

- Implementation of a Pharmacist-Led Transitions of Care Program within a Primary Care Practice: A Two-Phase Pilot Study - [link](#)

- Medication-Focused Patient Counseling Upon Discharge: A Feasibility Study of Effect on Patient Satisfaction - [link](#)

- Checking Inhaler Technique in the Community Pharmacy: Predictors of Critical Errors - [link](#)

** NEJM

- A Controlled Trial of Rivaroxaban after Transcatheter Aortic-Valve Replacement - [link](#)

- Efficacy and Safety of Low-Dose Colchicine after Myocardial Infarction - [link](#)

- Early High-Dose Vitamin D3 for Critically Ill, Vitamin D–Deficient Patients - [link](#)

** Pediatrics

- Hearing in Schoolchildren after Neonatal Exposure to a High-Dose Gentamicin Regimen - [link](#)

- Well-Child Care Adherence After Intrauterine Opioid Exposure - [link](#)

- Big Data in the Assessment of Pediatric Medication Safety - [link](#)

- Prescription Opioid Misuse and Risky Adolescent Behavior - [link](#)

****Pharmacotherapy**

- Optimizing Patient Outcomes with PD-1/PD-L1 Immune Checkpoint Inhibitors for the First-Line Treatment of Advanced Non–Small Cell Lung Cancer - [link](#)
- Critical Appraisals of Cannabis and Related Compounds in Pharmacotherapy - [link](#)
- Use of Tissue Plasminogen Activator Alteplase for Suspected Impella® Thrombosis - [link](#)
- New and Worsening Long-term, Immune-Related Adverse Events with PD-1/PD-L1 Pathway Agents in Patients with Cancer - [link](#)
- Prevalence of Cardiac Risk Factors in Patients Prescribed Azithromycin Before and after the 2012 FDA Warning on the Risk of Potentially Fatal Heart Rhythms - [link](#)
- Bacteriophage Therapeutics: A Primer for Clinicians on Phage-Antibiotic Combinations - [link](#)
- Association between Hemoglobin A1c and Major Adverse Coronary Events in Patients with Diabetes Following Coronary Artery Bypass Surgery - [link](#)
- Drug-Interaction between Febuxostat and Thiopurine Antimetabolites: A Review of the FDA Adverse Event Reporting System and Medical Literature - [link](#)
- Successful Long-term Anticoagulation with Enoxaparin in a Patient with a Mechanical Heart Valve - [link](#)
- Impact of CYP2C19 Genotype and Drug Interactions on Voriconazole Plasma Concentrations: A Spain Pharmacogenetic-Pharmacokinetic Prospective Multicenter Study - [link](#)

****Prescrire – French Medical Journal**

- Antiepileptics and pregnancy: potential long-term effects in children - [link](#)
- Dapagliflozin in type 2 diabetes: no advance in terms of cardiovascular complications - [link](#)
- Persistent psychotic disorders: avoid combining several neuroleptics - [link](#)
- The common cold: echinacea purpurea is no better than placebo - [link](#)
- Vitamin B6: overdoses leading to neuropathies - [link](#)

****Public Library of Science (PLOS)**

- Association of body mass index and cardiotoxicity related to anthracyclines and trastuzumab in early breast cancer: French CANTO cohort study - [link](#)
- Intensification with dipeptidyl peptidase-4 inhibitor, insulin, or thiazolidinediones and risks of all-cause mortality, cardiovascular diseases, and severe hypoglycemia in patients on metformin-sulfonylurea dual therapy: A retrospective cohort study - [link](#)
- Nitroglycerin for treatment of retained placenta: A randomised, placebo-controlled, multicentre, double-blind trial in the UK - [link](#)
- Opioid-related treatment, interventions, and outcomes among incarcerated persons: A systematic review - [link](#)
- Chemotherapy effectiveness in trial-underrepresented groups with early breast cancer: A retrospective cohort study - [link](#)

****The Joint Commission Journal on Quality and Patient Safety**

- Using a Machine Learning System to Identify and Prevent Medication Prescribing Errors: A Clinical and Cost Analysis Evaluation - [link](#)
- Using Electronic Health Records to Measure Quality Improvement Efforts: Findings from a Large Practice Facilitation Initiative - [link](#)
- Medication Reconciliation Improvement Utilizing Process Redesign and Clinical Decision Support - [link](#)
- A Model for Improving Health Care Quality for Transgender and Gender Nonconforming Patients - [link](#)

****Thrombosis and Haemostasis**

- Broadening the Categories of Patients Eligible for Extended Venous Thromboembolism Treatment - [link](#)
- Aspirin Therapy for Primary Prevention: The Case for Continuing Prescribing to Patients at High Cardiovascular Risk—A Review - [link](#)
- Development of a Clinical Prediction Rule for Venous Thromboembolism in Patients with Acute Leukemia - [link](#)
- Idarucizumab for Reversion of Anticoagulant Effect in Daily Practice - [link](#)

- Understanding the Effects of NOAC Combined with Antiplatelet Therapy on Clot Kinetics - [link](#)
- The Pointy End of Point-of-Care Testing for Direct Oral Anticoagulants - [link](#)