

Library Update

No.22, 23rd November, 2020

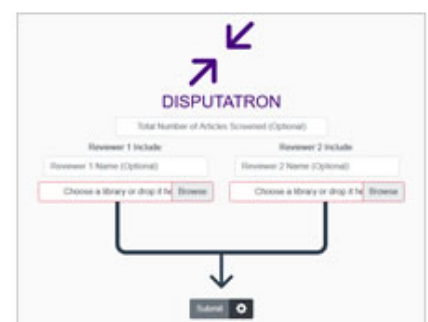
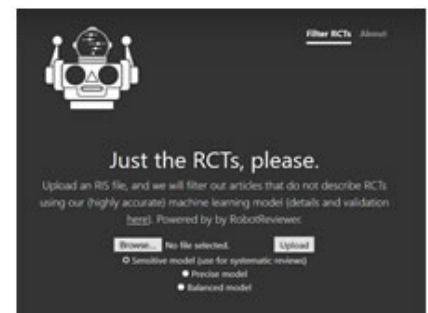
Four useful tools for Systematic Reviews

When you involve the Library in your project we can provide: guidance with literature searching; assessment of your existing search(es); Document Delivery services; and EndNote training.

Beyond that, you might try these free tools to help identify randomized controlled articles (RCTs), assess bias, or detect reviewer disagreements.

[Contact the Library](#) for help with these tools.

- 1 **RobotSearch:** Front-end for a machine learning model that identifies reports of RCTs. If you use this tool see [how to cite](#).
 1. Search your topic without applying any RCT filters and export the results into EndNote.
 2. Create a RIS file of the EndNote library and upload into the RobotSearch website where a RIS file of RCTs is generated.
 3. Import the RIS file into a new EndNote Library.
- 2 **RobotReviewer:** A machine learning system that can automatically assesses bias in clinical trials. If you use this tool see [how to cite](#).
 1. Use to replace one of the two human assessors typically used for bias assessment.
 2. Click on the “click to select files to upload” and upload the PDFs into the RobotReviewer website.
- 3 **RoB 2:** A [new version](#) of the Cochrane RoB tool, suitable for individually-randomized, parallel-group trials. If you use this tool see [how to cite](#).
 - This is the recommended tool by the Cochrane Collaboration as outlined in [Chapter 8 of the Cochrane Handbook](#).
- 4 **Disputatron:** Automatically detects screening disagreements between reviewers of a systematic review, who screened in EndNote [requires free registration]. If you use this tool see [how to cite](#).
 1. Open the EndNote library of Reviewer 1, and export all the 'include' (or yes) references as XML.
 2. Repeat for the EndNote library of Reviewer 2.
 3. Upload the XML files to the website to get a list of disagreements.



AIHW – latest reports and updates

Antenatal care use and outcomes for Aboriginal and Torres Strait Islander mothers and their babies 2016-2017

This report explores the factors associated with antenatal care use among Aboriginal and Torres Strait Islander mothers, and how these may relate to baby outcomes—including how this varies spatially across the Indigenous Regions (IREGs) of Australia. This report includes data from before the COVID-19 pandemic. [Read the report.](#)

Cancer data in Australia

In 2020, it is estimated there will be just under 150,000 new cases of cancer diagnosed and just under 50,000 deaths from cancer.

This report presents cancer incidence, mortality, survival, risk and prevalence statistics using data from 1982 to 2016 (2018 for mortality) and projections up to 2020 for cancer incidence and mortality. [Read the report.](#)

Health expenditure Australia 2018-19

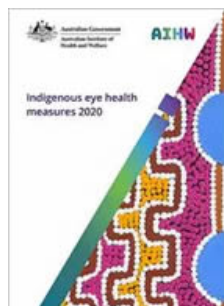
Regular reporting of national health expenditure is vital to understanding the health system and its relationship to the economy as whole. In 2018-19:

- Total health spending was \$195.7 billion, equating to \$7,772 per person.
- Health spending increased by 3.1%, which was slightly lower than the decade average of 3.5%.
- The majority of health spending went on hospitals (40.4%) and primary health care (33.5%).
- Health spending accounted for 10% of overall economic activity.

This report includes data from before the COVID-19 pandemic. [Read the report.](#)

Indigenous eye health measures 2020

This is the fourth annual report on the Indigenous eye health measures. The measures cover the prevalence of eye health conditions, diagnosis and treatment services, the eye health workforce and outreach services.



Wellbeing and appreciation events

- December 1 – [World AIDS Day](#)
- December 3 – [International Day of People with a Disability](#)
- December 5 – [International Volunteer Day](#)
- December 10 – [Human Rights Day](#)
- December 18 – [International Migrants Day](#)



Are you getting your Ovid AutoAlerts as usual?

Ovid alerts now come from a different email domain. Make sure you are getting yours.

AutoAlert (SDI) from Ovid databases (Medline, Embase, APA PsycInfo, Emcare, Nursing) now come from ***@amazonses.com**.

If you included a campus email address in your Ovid account, your alerts may not be getting to your inbox due to spam filtering at the network level.

If you haven't received alerts recently that you were expecting, contact IT at RCH or MCRI and ask that the new email domain to be whitelisted for you.

The report provides an evidence base for monitoring changes in Indigenous eye health over time, access to and use of eye health services, and for identifying gaps in service delivery. [Read the report.](#)

International health data comparisons, 2020

Comparing health and health care data between countries facilitates international comparative reporting, supports policy planning and decision-making, and enables health-related research and analysis.

The interactive data visualisations across these web pages allow you to compare the most recent data from 37 Organisation for Economic Co-Operation and Development (OECD) member countries across a range of health and health care indicators, with a focus on Australia's international performance. [Read the report.](#)

Cochrane Library: new items

Access

Select *Cochrane Library* from the library's list of [databases](#), and just start searching. A registered login allows you to save search histories for future use. Go to *Advanced Search* to log in or register for an account.

Recently added items

Editorial:

- Prospective meta-analyses and Cochrane's role in embracing next-generation methodologies. [Read now](#)

Special Collection

- Coronavirus (COVID-19): evidence relevant to clinical rehabilitation. [Read now](#)

New Reviews

- Antimicrobial mouthwashes (gargling) and nasal sprays administered to patients with suspected or confirmed COVID-19 infection to improve patient outcomes and to protect healthcare workers treating them. [Read now](#)
- Antimicrobial mouthwashes (gargling) and nasal sprays to protect healthcare workers when undertaking aerosol-generating procedures (AGPs) on patients without suspected or confirmed COVID-19 infection. [Read now](#)
- Aural toilet (ear cleaning) for chronic suppurative otitis media. [Read now](#)
- Band ligation versus sclerotherapy for primary prophylaxis of oesophageal variceal bleeding in children with chronic liver disease or portal vein thrombosis. [Read now](#)
- Branched-chain amino acid supplementation for improving growth and development in term and preterm neonates. [Read now](#)
- Carbohydrate supplementation of human milk to promote growth in preterm infants. [Read now](#)
- Continuous positive airway pressure (CPAP) for respiratory distress in preterm infants. [Read now](#)
- Convalescent plasma or hyperimmune immunoglobulin for people with COVID-19: a living systematic review. [Read now](#)
- Early versus delayed continuous positive airway pressure (CPAP) for respiratory distress in preterm infants. [Read now](#)
- Education and training for preventing and minimizing workplace aggression directed toward healthcare workers. [Read now](#)
- Electronic cigarettes for smoking cessation. [Read now](#)
- Household interventions for secondary prevention of domestic lead exposure in children. [Read now](#)
- Interventions for preventing ophthalmia neonatorum. [Read now](#)
- Interventions to reduce body temperature to 35 °C to 37 °C in adults and children with traumatic brain injury. [Read now](#)
- Interventions to support the resilience and mental health of frontline health and social care professionals during

and after a disease outbreak, epidemic or pandemic: a mixed methods systematic review. [Read now](#)

- Physical activity interventions for people with congenital heart disease. [Read now](#)
- Pit and fissure sealants versus fluoride varnishes for preventing dental decay in the permanent teeth of children and adolescents. [Read now](#)
- Probiotics to prevent necrotising enterocolitis in very preterm or very low birth weight infants. [Read now](#)
- Prophylactic anticoagulants for people hospitalised with COVID-19. [Read now](#)
- Prophylactic corticosteroids for paediatric heart surgery with cardiopulmonary bypass. [Read now](#)
- Protein supplementation of human milk for promoting growth in preterm infants. [Read now](#)
- Psychological and social interventions for the prevention of mental disorders in people living in low- and middle-income countries affected by humanitarian crises. [Read now](#)
- Sublingual immunotherapy for asthma. [Read now](#)
- Systemic interventions for severe atopic and vernal keratoconjunctivitis in children and young people up to the age of 16 years. [Read now](#)
- Systemic treatments for eczema: a network meta-analysis. [Read now](#)
- Vitamin E supplementation in people with cystic fibrosis. [Read now](#)
- Virtual reality distraction for acute pain in children. [Read now](#)

New Protocols

- Cuffed versus uncuffed endotracheal tubes for neonates. [Read now](#)
- Higher versus lower protein intake in formula-fed term infants. [Read now](#)
- Interventions for mood, anxiety disorders or self-harm in young offenders. [Read now](#)
- Melatonin treatment for newborns with hypoxic ischaemic encephalopathy. [Read now](#)
- Mindfulness-based psychological interventions for improving mental well-being in medical students and junior doctors. [Read now](#)
- Opioids for newborn infants receiving mechanical ventilation. [Read now](#)
- Palivizumab for preventing respiratory syncytial virus (RSV) infection in children. [Read now](#)

Withdrawn Protocols

- Intratracheal instillation of corticosteroids using surfactant as a vehicle for the prevention of chronic lung disease in preterm infants with respiratory distress syndrome. [Read now](#)
- Luteinising hormone releasing hormone (LHRH) analogues for children or adolescents with early puberty, idiopathic short stature or growth hormone deficiency. [Read now](#)

Health and Science News

- **How do we know statistics can be trusted? We talked to the humans behind the numbers to find out:** Despite the objective and impartial appearance of statistics, it is a web of people and human processes that makes them trustworthy. [Read more](#) [source: theconversation.com]
- **Children with Kawasaki Disease at higher risk for heart problems 10 years later:** The most frequent cardiovascular events experienced by KD survivors were ischemic heart disease, arrhythmias, high blood pressure and peripheral vascular disease. [Read more](#) [source: eurekalert.org]
- **Autism CRC publishes landmark report on evidence for autism interventions:** This report is critical because it provides families and clinicians the best opportunity to make informed decisions when choosing interventions. [Read more](#) [source: scimex.org]
- **Writing a Conference Abstract (Cheat Sheet):** It has to achieve a lot, and in only around 200-300 words. The stakes are high. [Read more](#) [source: thesislinc.aut.ac.nz]
- **Seattle Children's launches Seattle Children's Therapeutics:** Recently launched Seattle Children's Therapeutics offers a new approach to developing and testing next-generation cell and gene therapies for a variety of pediatric conditions. [Read more](#) [source: eurekalert.org]
- **Future doctors need more nutrition education:** "While the study was conducted in New Zealand, Australian students face the same challenges ... because medical programs are accredited by the same body, with identical mandatory components". [Read more](#) [source: scimex.org]
- **Pediatric surgeon establishes first-ever guidelines for pediatric opioid prescribing:** A diverse team of health care providers and advocates outline 20 guidelines for safer pain management in children and adolescents. [Read more](#) [source: eurekalert.org]
- **Poor diet: Children 20cm shorter as a result, analysis says:** Poor diets for school-age children may contribute to an average height gap of 20cm (7.9in) between the tallest and shortest nations, an analysis suggests. [Read more](#) [source: bbc.com]
- **We examined the research evidence on 111 autism early intervention approaches. Here's what we found:** Many parents and researchers have likened the bewildering range of interventions to a maze that's nearly impossible to navigate. [Read more](#) [source: nature.com]
- **Anorexia inquests: 'Confront it early. Get help.':** NHS England has also announced that it will "scale up" an early intervention service, to support young people in the early stages of eating disorders. [Read more](#) [source: bbc.com]
- **Australian healthcare workers almost 3 times more likely to get COVID-19 than the general population:** Australia currently does not have a system for publicly reporting COVID-19 in healthcare workers so the researchers conducted a study to estimate Australia's numbers using publicly available data. [Read more](#) [source: scimex.org]
- **Worldwide measles deaths climb 50% from 2016 to 2019 claiming over 207 500 lives in 2019:** Comparing 2019 data with reported cases in 2016, authors cite a failure to vaccinate children on time as the main driver of these increases in cases and deaths. [Read more](#) [source: who.int]
- **The health emergencies you didn't hear about in 2020:** This year WHO responded to more than 60 emergencies. [Read more](#) [source: medium.com]
- **How the Royal Melbourne Hospital controlled Australia's biggest outbreak of COVID in health care workers:** The Royal Park Campus had 40 per cent of the hospital's health care worker infections despite this campus having only about 10 per cent of the total staff workforce at the hospital. [Read more](#) [source: scimex.org]
- **Personalized drug screens could guide treatment for children with brain cancer:** The approach measures the effectiveness of therapeutics using tumor cells obtained from a biopsy and can be performed in a few days. [Read more](#) [source: eurekalert.org]
- **Hearing test may detect autism in newborns:** University of Miami and Harvard Medical School researchers are tweaking a standard hearing test to help detect autism at a very early age. [Read more](#) [source: eurekalert.org]
- **In pictures: Connecting the world's redheads:** Over the past seven years, Scottish photographer Kieran Dodds has been taking pictures of people from around the world with ginger hair. [Read more](#) [source: bbc.com]
- **More people are getting COVID-19 twice, suggesting immunity wanes quickly in some:** Reinfections hint that immunity against COVID-19 may be fragile and wane relatively quickly, with implications not just for the risks facing recovered patients, but also for how long future vaccines might protect people. [Read more](#) [source: sciencemag.org]

EndNote Tip: Work in unformatted mode and turn off instant formatting

When inserting references into a large document, or if EndNote is slow, perform these steps to speed things up a bit:

1. Convert all existing references in your document to unformatted.

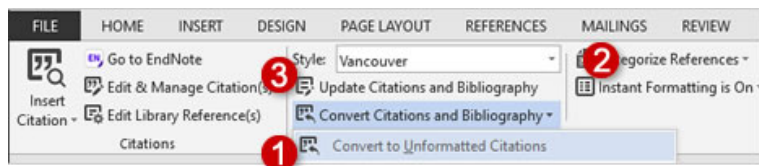
All your existing references will be enclosed in curly brackets, for example: {Nisbet, 2020 #17479}

2. Turn off instant formatting

In the EndNote toolbar in Word, go to *Instant Formatting is On* and turn it off.

All future citations you add will not automatically format. Instead it will be enclosed in curly brackets.

3. When you have finished adding references, go to *Update Citations and Bibliography* to format the references.



Medscape: latest news and updates

In Library Update no.18 we featured [Medscape](#), a free global resource for health care professionals and a point of care tool.

Both the website and [app](#) (iOS and Android) share many of the same features, including comprehensive medical information, news drug and disease information, medical news (tailorable to your interests) and Continuing Professional Development and Educational activities.

It also has a consultation feature, a network for clinicians and medical students to discuss medical topics and share challenging patient cases.

Latest updates include:

- [FDA clears first rapid at-home covid test](#)
- [Over 1 million US children infected with COVID-19](#)
- [First guidelines for post-op opioids in teens, kids](#)
- [Anaphylaxis in kids: clinical pearls from the cribsiders](#)
- [Newborn did not contract virus from COVID-positive breast milk](#)
- [Report may inform first dietary guidelines for americans from birth to 24 months](#)
- [Nebulized surfactant shows promise in large cohort](#)

CAMPUS PUBLICATIONS

Article titles are linked to full text where available, or to information about ordering documents. An [OpenAthens account](#) is required for remote access.

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[Adolescent nutrition : assuring the needs of emerging adults](#) / edited by Yolanda N. Evans and Alicia Dixon Docter. Springer, 2020.



This comprehensive text offers a multidisciplinary perspective on aspects of adolescent nutrition. Using clinical cases, it covers relevant topics related to adolescent health including normal development, chronic health conditions, and complex biopsychosocial dynamics, among others.

The first section of the text contains an overview of adolescent nutrition that is further broken down into more specific topics such as developmental nutrition needs, needs of active youth and athletes and media influences on body image. The next section focuses on health disparities such as culturally appropriate care, health equity, international considerations and food insecurity. The following section specifically addresses eating disorders ranging from anorexia and bulimia to binge eating.

Finally, the last section covers additional health considerations such as polycystic ovarian syndrome, teen pregnancy, substance use and gender non-conforming youth. Written by experts in the field, this book is a helpful resource for primary care medical providers, registered dietitians/nutritionists (RDN), adolescent medicine specialists, as well as advanced practice nurses, physician assistants, psychologists, licensed social workers, and certified athletic trainers.

[online]

[Benign hematologic disorders in children : clinical guide](#) / edited by Deepak M. Kamat and Melissa Frei-Jones. Springer 2020.



This book provides a comprehensive overview of benign hematologic disorders in children. Divided into nine sections, the text reviews common hematologic disorders or conditions that affect children, while providing state-of-the-art information on pathophysiology, diagnosis, treatment, and management strategies. The text begins with a section on hematopoiesis, and the next section covers red blood cell disorders. The following sections provide overviews of platelet disorders, white blood cell disorders, and

coagulation disorders. The sixth and seventh sections discuss neonatal hematology and bone marrow failure syndrome. The eighth section reviews supportive care, while the final section covers miscellaneous subjects including pediatric vascular anomalies and complement dysregulation syndromes.

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[Closing the gender pay gap in medicine : a roadmap for healthcare organizations and the women physicians who work for them](#) / edited by Amy S. Gottlieb. Springer 2020.



The roadmap described in this book breaks down the component parts of compensation methodology to reveal their unintentional impact on salary equity and lays out processes and procedures that support new approaches to generate fair and equitable outcomes.

Additionally, the roadmap is anchored in change management principles that address institutional culture and provide momentum toward salary equity.

This book offers a detailed roadmap for healthcare organizations seeking to close the gender pay gap among their physician workforce. This first-of-its-kind book will assist institutions plan courses of action and identify potential pitfalls so they can be understood and mitigated. It will also prove a valuable resource for transformational leadership and systems-based change critical to attaining compensation equity.

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[Infectious diseases in the pediatric intensive care unit](#) / edited by Simon Nadel. Springer 2008.



This book has brought together all the current knowledge in the diagnosis and management of infectious disease on the PICU. Taking a practical and evidence-based approach, the editor and his renowned team of contributors provide a comprehensive clinical review of the subject in one easily accessible reference

work from neonatal to adolescent and immunocompromised to immunocompetent. It is therefore relevant to all clinicians working in intensive care, including pediatricians, PICU clinicians, emergency physicians, anesthetists, adult intensivists and nursing and care-based staff.