

Library Update

No.18, 28th September, 2020

Welcome to the new Library Manager

Please welcome [Caroline Ondracek](#) as your new Library Manager. Caroline commenced on 21 September, taking over from [Cathy Gatt](#) who is retiring this week after more than 26 years at RCH. Cathy has a long list of plans for her retirement including more travel, even if no further than 5km from home initially.

Caroline previously worked at La Trobe University and the Royal Victorian Eye and Ear Hospital libraries.

Contact Caroline with any library-related queries – she is looking forward to meeting RCH staff, students and campus partners.

The Library team would like to take this opportunity to wish Cathy the very best for her retirement. Thank you, Cathy, for the amazing contribution that you have made to the RCH. Best of luck, and our warm well wishes for the future!



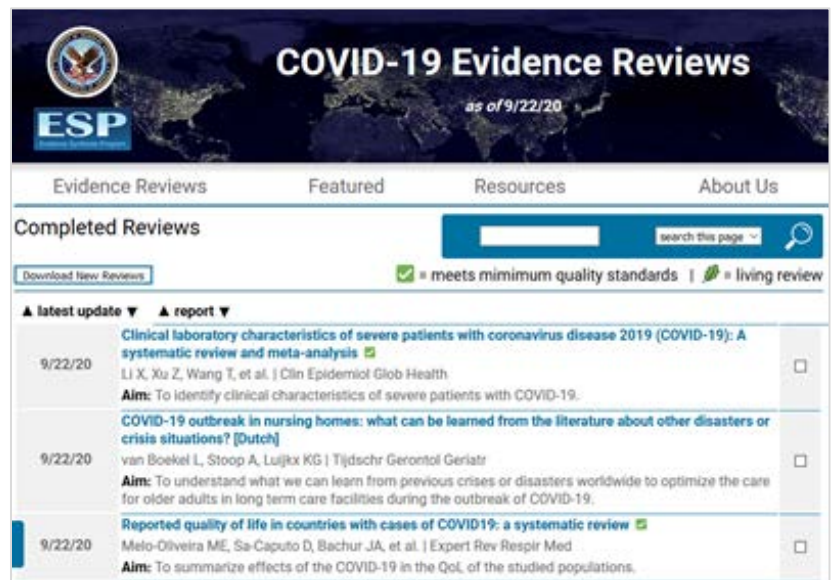
COVID-19 Evidence Reviews

The [COVID-19 Evidence Reviews website](#) aims to capture the work of evidence synthesis groups around the world to maximize our collective contributions to patients, frontline clinicians, researchers, and policymakers during the COVID-19 pandemic and avoid duplicating efforts.

The catalogue is maintained by staff at the VA Evidence Synthesis Program based in Portland, OR, USA. They identify new evidence reviews and reviews in progress through literature searching and through correspondence with colleagues and content experts.

Reviews located on the [All Evidence Reviews](#) page have been extracted from the following sources:

- LitCovid
- COVID-19 Portfolio Search
- WHO COVID database
- CEBM Oxford COVID-19 Evidence Service
- Cochrane
- ECRI COVID-19 Center
- National Collaborating Centre for Methods and Tools, McMaster University
- INHATA member organizations



| ▲ latest update ▼ | ▲ report ▼ |
|-------------------|---|
| 9/22/20 | <p>Clinical laboratory characteristics of severe patients with coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis </p> <p>Li X, Xu Z, Wang T, et al. Clin Epidemiol Glob Health</p> <p>Aim: To identify clinical characteristics of severe patients with COVID-19.</p> |
| 9/22/20 | <p>COVID-19 outbreak in nursing homes: what can be learned from the literature about other disasters or crisis situations? [Dutch]</p> <p>van Boekel L, Stoop A, Luijckx KG Tijdschr Gerontol Geriatr</p> <p>Aim: To understand what we can learn from previous crises or disasters worldwide to optimize the care for older adults in long term care facilities during the outbreak of COVID-19.</p> |
| 9/22/20 | <p>Reported quality of life in countries with cases of COVID-19: a systematic review </p> <p>Melo-Oliveira ME, Sa-Caputo D, Bachur JA, et al. Expert Rev Respir Med</p> <p>Aim: To summarize effects of the COVID-19 in the QoL of the studied populations.</p> |

Library Update

AIHW updates

Juvenile Arthritis

Juvenile arthritis includes several different kinds of arthritis occurring in children, causing significant pain, disability and restrictions in school and other activities. Juvenile arthritis is estimated to affect around 1 child in every 1,000 aged 0–15 and is more common in girls than boys. [Read the report.](#)

Asthma

Asthma is a common chronic condition that affects the airways (the breathing passage that carries air into our lungs). People with asthma experience episodes of wheezing, breathlessness and chest tightness due to widespread narrowing of the airways. [Read the report.](#)

Australia's hospitals at a glance 2018-19

Australia's hospitals at a glance 2018–19 presents key statistics about Australia's hospitals and is a companion report to the data presented in the MyHospitals section of the AIHW website. [Read the report](#)

Narrowing the Index of Suspicion

Regular readers of [Pediatrics in Review](#) (PIR) know the value of their monthly journal features like clinical review, Visual Diagnosis, and In Brief articles, but Index of Suspicion cases are so popular because they provide insight into personal clinical experiences, challenging even the most senior clinician's diagnosis and testing instincts in order to improve patient safety and outcomes.

A bonus digital issue dedicated entirely to Index of Suspicion—30 new cases—will release in October along with the regular monthly issue. You will have access to this bonus content beginning October 1st as part of our institutional site license.









Wellbeing and appreciation events

- September 21 – [Peer Review Week](#)
- September 29 – [World Heart Day](#)
- October 1 – [Health Literacy Month](#)
- October 6 – [World Cerebral Palsy Day](#)
- October 8 – [World Sight Day](#)
- October 10 – [World Mental Health Day](#)
- October 11 – [Anti-Poverty Week](#)
- October 11 – [National Carers Week](#)
- October 16 – [World Food Day](#)
- October 18 – [International Infection Prevention Week](#)
- October 20 – [Drop The Jargon Day](#)
- October 20 – [Pharmacy Technician Day](#)
- October 20 – [World Statistics Day](#)
- October 24 – [Children's Week](#)
- October 28 – [Blue Knot Day](#)

What's new from NICE

The UK's [National Institute for Health and Care Excellence \(NICE\)](#) has published the following new (or revised) guidelines and quality standards.

- [Anaphylaxis: assessment and referral after emergency treatment](#) – Clinical guideline [CG134]
- [COVID-19 rapid guideline: gastrointestinal and liver conditions treated with drugs affecting the immune response](#) – NICE guideline [NG172]
- [Surgical site infections: prevention and treatment](#) – NICE guideline [NG125]
- [Suspected cancer: recognition and referral](#) – NICE guideline [NG12]

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|  Read our end of life care impact report |  Find resources to help you put guidance into practice |  COVID-19: How we're supporting the health and social care system |  Support for industry to engage with us during health technology development |
|  How we decide whether interventional procedures are effective and safe enough for use in the NHS |  Free virtual events: hear from expert speakers about issues that have affected health and care | | |

Library Update

EndNote Tip: Upgrade your EndNote to the latest version

If you open your library and it is blank, it is time to upgrade your version of EndNote. EndNote libraries created on EndNote X9.3 onwards cannot be opened by an earlier version of EndNote.

If your EndNote version is prior to X9 you can borrow an install disk from the Library, or [contact us](#) if you have no disk drive. **If you are already on X9** you can [upgrade here](#) to the latest point release. Version X9.3 onwards for Mac is compatible with macOS Catalina.

Version X9.3 onwards for Windows is cross-compatible with X9.3.2 Mac. **You must uninstall prior versions of EndNote before installing X9.**



Medscape's eMedicine: an alternative to UpToDate

The [eMedicine](#) point-of-care clinical reference features up-to-date, searchable, peer-reviewed medical articles organized in specialty-focused textbooks. Available as an app or via the web, eMedicine is totally free (after registering). Included are:

- More than 7,600 articles on diseases, conditions, and procedures, enhanced with images and step-by-step videos, and authored by board certified specialists.
- More than 1,000 paediatric articles
- More than 8,000 prescription and over-the-counter drug monographs, including herbals and supplements.
- A video section which includes Medscape TV, conference recaps, interviews, CME, and education.
- Essential reference tools, including a drug-interaction checker, and medical calculators.

A screenshot of the Medscape Pediatrics website. The header shows '25 Medscape Pediatrics' with a dropdown arrow. Below the header are navigation tabs: 'NEWS & PERSPECTIVE', 'DRUGS & DISEASES', 'CME & EDUCATION', 'ACADEMY', and 'VIDEO'. The main content area is titled 'Pediatrics' and includes sub-navigation for 'COVID-19', 'ADHD', 'Adolescent Medicine', 'Antibiotic Resistance', and 'Asthma'. A featured article is titled 'New Guidance Released on Infection Control in the NICU' with a sub-headline 'Practical scenario-based recommendations from the Society for Health Epidemiology of America balance the need for infection control with need for close family contact in the neonatal intensive care unit (NICU)'. Below this are 'LATEST NEWS' with a 'View All' link, and two more articles: 'Relative Age Effect May Skew ADHD Treatment in Young Children' and 'CDC Prepares States for COVID-19 Rollout Vaccine if Approved'.

Featured podcast: BBC's Life Scientific

In this BBC podcast, leading scientists talk about their life and work; find out what inspires and motivates them and what their discoveries might do for us in the future



Professor Sarah Gilbert started working on a vaccine for Covid-19 just as soon as the virus genome was sequenced. Within weeks, she had a proof of principle.

By early April, her team at the Jenner Institute in Oxford had manufactured hundreds of doses ready for use in clinical trials. In phase one of these trials, completed in July, this vaccine was shown to be safe for use in a thousand healthy volunteers, aged between 18 and 55. It also provoked exactly the kind of immune response to Covid-19 that Sarah was hoping to achieve.

Larger scale clinical trials are currently underway in the UK, South Africa and Brazil. If everything goes according to plan and the vaccine meets all the necessary regulatory standards, it will be manufactured in multiple locations.

As a young woman, she nearly gave up on a career in science. Now she's in charge of one the most successful vaccine projects in the world. How did Sarah and her Oxford team get so far, so fast in developing a vaccine against Covid-19? [Listen now.](#)

Library Update

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.

Help

See Fact Sheet no.5: [The Cochrane Library](#), or [contact the Library](#).

Recently added items

New Cochrane Database of Systematic Reviews:

- Corticosteroid therapy for nephrotic syndrome in children. [Read now](#)
- Digital contact tracing technologies in epidemics: a rapid review. [Read now](#)
- Early fortification of human milk versus late fortification to promote growth in preterm infants. [Read now](#)
- Education of family members to support weaning to solids and nutrition in later infancy in term-born infants. [Read now](#)
- Fat supplementation of human milk for promoting growth in preterm infants. [Read now](#)
- Interventions for escalation of therapy for acute exacerbations of asthma in children: an overview of Cochrane Reviews. [Read now](#)
- Intravenous immunoglobulin for presumed viral myocarditis in children and adults. [Read now](#)
- Mobility management to prevent, reduce, or delay driving a car in teenagers. [Read now](#)
- An overview of systematic reviews on mental health promotion, prevention, and treatment of common mental disorders for refugees, asylum seekers, and internally displaced persons. [Read now](#)
- Procalcitonin, C-reactive protein, and erythrocyte sedimentation rate for the diagnosis of acute pyelonephritis in children. [Read now](#)
- Quarantine alone or in combination with other public health measures to control COVID-19: a rapid review. [Read now](#)



- Stem cell-based interventions for the prevention of morbidity and mortality following hypoxic-ischaemic encephalopathy in newborn infants. [Read now](#)
- Targeted client communication via mobile devices for improving maternal, neonatal, and child health. [Read now](#)
- Taxation of the fat content of foods for reducing their consumption and preventing obesity or other adverse health outcomes. [Read now](#)
- Travel-related control measures to contain the COVID-19 pandemic: a rapid review. [Read now](#)
- Universal screening for SARS-CoV-2 infection: a rapid review. [Read now](#)
- Use of antimicrobial mouthwashes (gargling) and nasal sprays by healthcare workers to protect them when treating patients with suspected or confirmed COVID-19 infection. [Read now](#)
- Xpert MTB/RIF and Xpert MTB/RIF Ultra assays for active tuberculosis and rifampicin resistance in children. [Read now](#)

New Protocols:

- Non-steroidal anti-inflammatory drugs (NSAIDs) for acute sore throat. [Read now](#)
- Psychological interventions delivered as a single component intervention for children and adolescents with overweight or obesity aged 6 to 17 years. [Read now](#)
- TNF-alpha inhibitors for juvenile idiopathic arthritis. [Read now](#)

Health and Science News

- **Vibrating a drunk worm lands Australia a prestigious global 'Ig Nobel' award:** Vibrating a slightly inebriated earthworm on a sub-woofer speaker in a rural Victorian backyard may radically change our understanding of how the brain functions – and how to interact with it. [Read more](#) [source: scimex.org]
- **COVID-19 herd immunity: where are we?:** For COVID-19 the cost of reaching herd immunity through natural infection would be very high, especially in the absence of improved patient management and without optimal shielding of individuals at risk of severe complications. [Read more](#) [source: nature.com]
- **Children with asthma could benefit from prescribing according to genetic differences:** The trial, which compares patients treated according to small genetic differences with patients treated according to existing guidelines, is the first of its kind in children and teenagers. [Read more](#) [source: eurekalert.org]
- **Study to investigate long-term effects of COVID-19 on frontline workers:** The Victorian Government has announced funding for a collaborative study into the long-term impacts of the pandemic on healthcare workers' psychological and physical wellbeing. [Read more](#) [source: hospitalhealth.com.au]
- **Graphene facemask to deactivate coronaviruses and bacteria:** The graphene layer has antibacterial properties and can generate heat when exposed to sunlight, which may underlie its ability to deactivate coronaviruses. [Read more](#) [source: medgadget.com]
- **WHO calls for global action on sepsis - cause of 1 in 5 deaths worldwide:** The World Health Organization's first global report on sepsis finds that the effort to tackle millions of deaths and disabilities due to sepsis is hampered by serious gaps in knowledge. [Read more](#) [source: who.int]
- **New tool outsmarts COVID-19 virus to help vaccine development:** COVID-3D, developed in Melbourne, can help researchers recognise how mutations operate and identify more effective vaccine and drug targets. [Read more](#) [source: scimex.org]
- **'Transparently ridiculous': Elsevier says journal shares critic's concerns about bizarre genetics paper:** And then there's that book chapter claiming that COVID-19 came to earth on a meteorite. Why did the journal not share those concerns before these papers were published? [Read more](#) [source: retractionwatch.com]
- **Dozens of scientific journals have vanished from the internet, and no one preserved them:** There's little consensus about who is ultimately responsible for digital preservation of OA journals—publishers, authors, libraries, or universities. [Read more](#) [source: sciencemag.org]
- **How to spot dubious claims in scientific papers:** Statistics are easily manipulated. Here are four red flags. [Read more](#) [source: natureindex.com]
- **Systematic parental training helps the well-being of preschool children with ADHD:** For the first time, researchers have now systematically examined the quality of life of preschool children with ADHD. [Read more](#) [source: eurekalert.org]
- **The lifelong studies that hold clues to what today's kids might have in store:** Human development is probabilistic rather than deterministic, and continues well beyond the first decade of life. [Read more](#) [source: nature.com]
- **Brain-scanning backpack brings neuroscience into the real world:** Not being tied to a lab setting could enable scientists to study how the brain functions while people are in motion and interacting with others. [Read more](#) [source: sciencemag.org]
- **COVID-19 data scandal prompts tweaks to elite journal's review process:** The Lancet has announced policies, effective immediately, that aim to keep flawed studies using "large, real-world datasets" from slipping past peer review again. [Read more](#) [source: sciencemag.org]
- **A novel approach to childhood obesity prevention:** The studies demonstrate an approach to breaking down and reaggregating study specifics to enable a determination of which obesity intervention strategies work and under what circumstances. [Read more](#) [source: eurekalert.org]
- **Soft robots, origami combine for potential way to deliver medical treatments:** "We don't need any motors, controllers, tethers and things like that to send it into the body and get it where it needs to go...The origami allows the material to "open" when it reaches the site". [Read more](#) [source: eurekalert.org]
- **Vaccination insights:** Countries with widespread BCG vaccination appear to be weathering the pandemic better than their counterparts. "Our study shows that this correlation is probably not due to the BCG vaccination, but rather to some omitted variable". [Read more](#) [source: eurekalert.org]

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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[Anesthesia secrets](#) / [edited by] Brian M. Keech and Ryan D. Laterza. 6th ed. Elsevier, 2021.



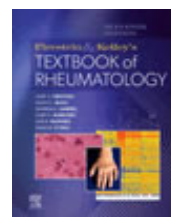
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[online]

[Firestein and Kelly's Textbook of rheumatology](#) / [edited by] Gary S. Firestein ... [at al]. 11th ed. Elsevier, 2021.



Through 10 outstanding editions, Kelley & Firestein's Textbook of Rheumatology has provided authoritative, in-depth guidance in rheumatology with an ideal balance of basic science and clinical application.

The 11th Edition of this classic text continues this tradition of excellence, while keeping you abreast of recent advances in genetics and the microbiome, new therapies such as biologics and biosimilars, and other rapid changes in the field. It provides comprehensive, global coverage of all aspects of diagnosis, screening, and treatment in both adults and children, in a user-

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[online]

[Osteogenesis imperfecta: a case-based guide to surgical decision-making](#) / editor, Richard W. Kruse. Springer, 2020.



Osteogenesis imperfecta (OI), also known as brittle bone disease, is a genetic disease involving primarily the skeleton but affecting all organ systems. It is an extremely multifarious condition causing frequent fractures and limb and spinal deformity, which can often be severe.

While there are described surgical procedures to treat these patients, due to the variety of the deformities and the fragility of the bone, the orthopaedic surgeon is often forced to adapt or modify a plan during an operation to achieve success.

Surgical experience with the disease worldwide is often limited and variable, and due to constraints on medical equipment and surgical implants in resource-constrained countries, alternate methods of achieving the similar surgical endpoints are possible.

This book will help guide decision-making in surgery using biologic and surgical principles to assist the planning and execution of surgery with available resources. It will then provide the surgeon with background knowledge of the genetic, medical and surgical principles necessary to formulate a comprehensive treatment plan, illustrated by varied and complex patient cases from experienced surgeons and clinicians worldwide.

Beginning with an introduction to osteogenesis imperfecta and the general care of the patient, the book is divided into thematic sections covering general surgical considerations, principles of extremity surgery, and surgical cases on the pelvis, upper and lower extremities, and the spine, it will incorporate aspects of surgical decision-making, including cultural and geographic factors, to give a truly global perspective on the care of these complex patients.

[online]

[Pediatric pharmacotherapy](#) / editors, Wieland Kiess, Matthias Schwab, Johannes van den Anker. Springer, 2020.



This volume provides readers with the most updated scientific information on the efficacy and safety of medicines for children and adolescents.

The book enriches the understanding of pediatric pharmacotherapy for health professionals, regulatory agencies, pharmaceutical companies and learned societies. It contains important information on the pharmacodynamics and pharmacokinetics of drugs. It summarizes the latest investigations on the effects of pharmacological treatments in relation to and dependent on age, gender, fat mass and disease status.

Therefore and importantly, this volume reviews the latest data on how pharmacotherapy has to be adjusted and personalized in regards to stages of development and during the pediatric lifespan from neonate through adolescence.

In addition, the topic of rare diseases and special challenges for pharmacotherapy will be included and will provide readers with the necessary knowledge to handle complex diseases and treatment strategies especially in relation to pharmacotherapy of rare and orphan diseases.