

Library Update

No.15, 17th August, 2020

Treating children during Covid-19: Elsevier resources

Check out Elsevier's extensive collection of [paediatric resources](#) in their [Covid-19 healthcare hub](#).

The COVID-19 paediatric specialty care resources are available at no charge. Access resources for a variety of care settings, including treatment guidelines for pediatric patients hospitalized with COVID-19, a Multisystem Inflammatory Syndrome in Children Clinical Overview, and education and prevention information for parents and families.

You'll also find journal articles and guidelines to support your treatment of COVID-19 in young people.



CINAHL online tutorial and fact sheet

Need help searching CINAHL? This [video tutorial](#) from Ebsco will guide you through the advanced searching features to ensure you get the best results. Learn how to browse CINAHL indexes and subject headings, create search alerts, and locate additional resources to help optimize your research experience.

You can also find some tips on using Ebsco databases from the RCH Library's Fact Sheet no.15: [EBSCOhost: search, save, and manage results](#). We show you how to: search using thesaurus or keyword; combine search lines and apply limits; and save a search history or create an alert.



Will COVID-19 mark the end of scientific publishing as we know it?

Under the pressure of a global health crisis, the argument for open access has sunk in. Following calls from the World Health Organization and government leaders, over 150 publishers, companies, and research institutions have agreed to temporarily make all content related to COVID-19 free to read, ensuring efforts to understand the virus can go forth undeterred.

The result looks something like the most epic relay race in history. Dozens, sometimes hundreds, of

studies are posted daily, with tails of citations circling the globe. Genetic mutations of the virus—clues to its spread—fill databases by the thousands. And a newfound culture of data sharing has fueled scientific collaboration like never before.

So now the question is: Is this the catalyst that breaks up the bonds of an old publishing model once and for all?

[Read the full article](#) from Virgie Hoban, UC Berkeley, over at [phys.org](#).

Library Update

Most popular ejournals and ebooks, January-June 2019

In the first half of 2020, 141,996 articles were downloaded via Library-managed links and subscriptions

How Library subscriptions save you money

Assuming that around 50% of articles were available via open access, came from archival content, or were provided by Clinicians Health Channel, this leaves around 70,000 articles from current Library subscriptions.

At an average commercial cost of US\$35 (A\$48) per article, these 70,000 articles **would have cost hospital departments over A\$3.3 million to purchase directly from publishers** in only six months.

This is close to **17 times the Library journal expenditure** in the same period, with an average **cost to RCH of around A\$2.80 per article**.

Search for these by title in the Library [journals database](#).

Top 20 journals Jan-Jun 2018	Article d/ls	Article d/ls	Article d/ls
1. Pediatrics	3240	11. European Journal of Human Genetics	1155
2. Archives of Disease in Childhood	2724	12. Radiographics	1006
3. Nature	2630	13. PNAS: Proceedings of the National Academy of Sciences	984
4. The Lancet*	2329	14. Circulation	969
5. Genetics in Medicine	2137	15. Pediatrics in Review	937
6. Journal of Paediatrics and Child Health	1805	16. Pediatric Critical Care Medicine	896
7. BMJ*	1779	17. Developmental Medicine and Child Neurology	894
8. American Journal of Medical Genetics	1691	18. Clinical Infectious Diseases	812
9. Scientific Reports	1588	19. Journal of Medical Genetics	801
10. Nature Communications	1329	20. Journal of Allergy and Clinical Immunology	771

* Provided by Clinicians Health Channel (CHC). Not all CHC resources supply statistics.

From January to June 2020, 20,312 book chapters were downloaded, a massive 62% increase over the same period last year. Downloads from ClinicalKey increased from 3,298 to 5,078, and those from Springer increased from 8,448 to 13,984 compared with the same period last year.

Top 10 ebooks Jan-Jun 2018	Chapter d/ls
1. Nelson Textbook of pediatrics / [edited by] Robert M. Kliegman ... [et al]. 21 st ed, Elsevier, 2020 and 20 th ed, Elsevier, 2016	613
2. Echocardiography in pediatric and congenital heart disease : from fetus to adult / edited by Wyman Lai ... [et al]. Wiley-Blackwell, 2009.	428
3. Transfusion medicine and hemostasis: clinical and laboratory aspects / edited by Beth H. Shaz, Christopher D. Hillyer, Morayma Reyes Gil. 3rd ed. Elsevier, 2019.	346
4. Caffey's Pediatric diagnostic imaging / editor-in-chief, Brian D. Coley. 13th ed. Elsevier, 2019.	301
5. Pediatric critical care / Bradley P. Fuhrman and Jerry J. Zimmerman. 5th ed. Elsevier, 2017.	296
6. Solid organ transplantation in infants and children / Stephen P. Dunn, Simon Horslen, editors. Springer, 2018. Also see 2019 ed .	281
7. Oh's Intensive care manual / edited by Andrew D. Bersten, Jonathan M. Handy. 8th ed. Elsevier, 2019.	254
8. Anderson's Paediatric cardiology / edited by Gil Wernovsky ... [et al]. 4th ed. Elsevier, 2020.	235
9. Park's Pediatric cardiology for practitioners / Myung K. Park / 6th ed, Mosby, 2014. Also see Myung K. Park, Mehrdad Salamat. 7th ed. Elsevier, 2021 ed .	220
10. Miller's Anesthesia / [edited by] Michael A. Gropper. 9th ed. Elsevier, 2020.	205

AIHW – latest reports

Stillbirths and neonatal deaths in Australia

In 2017, in Australia, 2,924 babies died in the perinatal period. Three-quarters (2,173) were stillbirths and the remaining 751 were neonatal deaths. This web report provides information related to these deaths, including causes, maternal characteristics, timing and investigations. [Read the report.](#)

Oral health and dental care in Australia

This report presents key data, information and trends over time, via a suite of interactive data visualisations, describing the oral health status of Australians and their use of dental care services. It is added to and updated as data becomes available. In 2019, the Australian Government paid benefits averaging \$53 per preventive service provided under the Child Dental Benefits Schedule. In 2017–18, about 72,000 hospitalisations for dental conditions may have been prevented with earlier treatment. The proportion of dentate adults aged 15 years and over who avoided or delayed dental care due to cost increased from 31% in 2004–06 to 39% in 2017–18. [Read the report.](#)

Injury expenditure in Australia 2015–16

Injuries were responsible for the third most health spending of all the burden of disease groups in 2015–16, accounting for an estimated \$8.9 billion of health spending. This report provides estimates of health spending on injuries categorised according to both the nature and cause of the injury being treated or managed. Information is presented for total and per person spending by area of expenditure, patient demographics, Indigenous status, state, remoteness area, and the nature and external cause of injury based on the conditions included in the Australian Burden of Disease Study 2015. [Read the report.](#)

Australian Burden of Disease Study 2015: Interactive data on risk factor burden

Burden of disease is a measure of the years of healthy life lost from living with, or dying from disease and injury. A portion of this burden is preventable, being due to modifiable risk factors. This report provides information on the deaths and burden of disease due to risk factors included in the Australian Burden of Disease Study 2015.

Wellbeing and appreciation events

- August 17 – [Wound Awareness Week](#)
- September 1 – [National Asthma Week](#)
- September 6 – [National Child Protection Week](#)
- September 7 – [Women's Health Week](#)
- September 8 – [International Literacy Day](#)
- September 10 – [International Gynaecological Awareness Day](#)
- September 10 – [World Suicide Prevention Day](#)
- September 14 – [Migraine & Headache Awareness Week](#)
- September 17 – [World Patient Safety Day](#)
- September 19 – [National Week of Deaf People](#)
- September 29 – [World Heart Day](#)

New analyses of the key drivers of change over time in the burden of disease due to selected risk factors have recently been added to these data visualisations (August 2020).

There is also another interactive data set to explore: disease burden. [Read the report.](#)

Deaths in Australia / GRIM MORT Books

[Deaths](#) data are a vital measure of a population's health, and provides information on patterns of diseases that cause death, by population groups and over time. Examining death patterns can help explain differences and changes in health status, evaluate health strategies, and guide planning and policy-making.

[GRIM](#) books are Excel workbooks that contain national level, historical and recent mortality data for specific causes of death. The tables present age- and sex-specific counts and rates by cause of death, along with other summary measures.

[MORT](#) books are Excel workbooks that contain recent mortality data for specific geographical areas of Australia, sourced from the AIHW National Mortality Database. The workbooks also present the leading 20 causes of death by sex for specific geographical areas of Australia.

Along with this release, the Australian Health Performance Framework indicators have been updated with new data. Explore the interactive visualisations [here](#).

Health and Science News

- **New test better predicts which babies will develop type 1 diabetes:** The research team found that the new combined approach dramatically improved prediction of which children would develop type 1 diabetes. [Read more](#) [source: eurekalert.org]
- **Two new medicines may curb serious respiratory disease in infants:** One gives a monoclonal antibody against RSV to the babies, whereas the other vaccinates their mothers against the virus, presumably leading to antibodies that protect their children. [Read more](#) [source: sciencemag.org]
- **"I'm not addicted!" Kids have a right to play – even digitally:** Children adopt the word "addicted" to describe a game as fun or to say how long they played it. But adults use it as a pathology - and that can harm kids. [Read more](#) [source: scimex.org]
- **How the pandemic defeated America:** In the middle of the greatest health and economic crises in generations, millions of Americans have found themselves impoverished and disconnected from medical care. [Read more](#) [source: theatlantic.com]
- **CHOP researchers identify lab profiles that differentiate MIS-C from COVID-19 in children:** The researchers found that patients with MIS-C had elevated levels of two cytokines - IL-10 and TNF- α - whereas patients with severe or mild COVID-19 had no or minimally elevated levels of these cytokines. [Read more](#) [source: eurekalert.org]
- **Kids receiving 'good enough' mental health treatment do not improve:** The study found no evidence of better quality of life or mental health symptoms for children who received 'minimally adequate' treatment compared to those who received a lower level of treatment. [Read more](#) [source: scimex.org]
- **Autism spectrum disorder can be predicted from health checkups at 18 months:** The cumulative incidence reported in this study was the highest incidence of medically diagnosed ASD in the general population reported compared to previous studies. [Read more](#) [source: eurekalert.org]
- **Video based therapy can help parents of very sick kids to cope better with stress:** Researchers found that parents who took part in the therapy demonstrated significantly greater improvements in posttraumatic stress symptoms compared with a group of parents on the waiting list. [Read more](#) [source: scimex.org]
- **Immunology is where intuition goes to die:** There's a joke about immunology,.. An immunologist and a cardiologist are kidnapped... [Read more](#) [source: theatlantic.com]
- **Don't stand so close: Singapore trials automated drones to check:** They can pinpoint locations and zoom into areas that might not be visible to police officers on foot or in vehicles. [Read more](#) [source: reuters.com]
- **Child sleep problems associated with impaired academic and psychosocial functioning:** A new study by researchers at Children's Hospital of Philadelphia (CHOP) has found that sleep disturbances at any age are associated with diminished well-being by the time the children are 10 or 11 years old. [Read more](#) [source: eurekalert.org]
- **One in three children have dangerous levels of lead in their blood:** About 800 million children and young people under the age of 19 around the world are likely to have blood levels of lead at or above 5 micrograms per decilitre (5 μ g/dl), according to a Unicef report. [Read more](#) [source: theguardian.com]
- **Most COVID-19 studies lack clinically meaningful evidence:** A new analysis has found that just 29% of COVID-19 studies have the potential to produce high-quality evidence. [Read more](#) [source: natureindex.com]
- **It's time to fix the antibiotic market:** One of the lessons we should learn from this year is that it's better to find solutions before we reach the point of emergency. [Read more](#) [source: wellcome.ac.uk]
- **Youth more likely to stick with CGM if they are part of decision to start:** New study by CHOP researchers finds having youth buy-in from the beginning helps ensure consistent use of continuous glucose monitoring. [Read more](#) [source: eurekalert.org]
- **Rethink needed for treatment of Severe and Enduring Anorexia Nervosa:** Researcher says that trying to separate the mental health aspects of a person's anorexia from their day-to-day eating and body practices was described by participants as more than the loss of an identity. [Read more](#) [source: scimex.org]
- **CSIRO launches accredited face mask testing facility:** The new facility has the capacity to provide a rapid turnaround on surgical face mask testing, helping manufacturers fast-track the supply of masks for frontline healthcare workers. [Read more](#) [source: hospitalhealth.com.au]

PubMed Tip: Refining your results when doing keyword searches

Keyword searching can retrieve too many results; use these tips to make the results more manageable

1. **Enclose the search term in quotation marks to search as a phrase (for more than one word). If it is a single word, it will look for that exact word only.** Compare #1 and #2 below. Without quotation marks, it retrieved related terms e.g. altruism

Search	Actions	Details	Query	Results
#2	...	▼	Search: "humanitarian crisis" "humanitarian crisis"[All Fields]	226
#1	...	▼	Search: humanitarian crisis ((((("altruism"[MeSH Terms] OR "altruism"[All Fields]) OR "humanitarianism"[All Fields]) OR "humanitarian"[All Fields]) OR "humanitarians"[All Fields]) AND ("crisis"[Journal] OR "crisis"[All Fields]) Translations humanitarian: "altruism"[MeSH Terms] OR "altruism"[All Fields] OR "humanitarianism"[All Fields] OR "humanitarian"[All Fields] OR "humanitarians"[All Fields] crisis: "Crisis"[Journal:_jid8218602] OR "crisis"[All Fields]	711

2. **Use Advanced search and choose Title/Abstract fields.** Instead of using the basic search box, which defaults to searching *All Fields*, change to *Advanced* and select *Title/Abstract*:

PubMed.gov

Search PubMed

Advanced

PubMed Advanced Search Builder PubMed.gov
User Guide

Add terms to the query box

Title/Abstract ▼ "humanitarian crisis" × Show Index

Search	Actions	Details	Query	Results
#3	...	>	Search: "humanitarian crisis"[Title/Abstract]	224

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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BOOKS

[online]

[Atlas of operative techniques in primary cleft lip and palate repair](#) / Percy Rossell-Perry. Springer, 2020.



Few books have been published before with details on preoperative planning, markings and performance of primary surgical techniques to correct the cleft lip and palate deformity.

This information is commonly required by surgeons. Scientific papers, conferences, and video clips of these surgical procedures are limited in details about how to address this common disease.

This book provides a comprehensive overview of surgery for the correction of primary cleft lip and palate, including planning, selecting the most suitable techniques, markings, performing operative techniques, and preoperative care.

Unlike other literature on the topic, which focuses on surgical techniques, this operative atlas (with detailed illustrations) covers the entire spectrum of this congenital deformity: classification of cleft lip and palate, management protocols, unilateral cleft lip surgery, bilateral cleft lip surgery, cleft palate surgery, post operative care and case studies.

[online]

[Child, adolescent and family refugee mental health: a global perspective](#) / editors, Suzan J. Song, Peter Ventevogel. Springer, 2020.



More than half of the 25.9 million refugees in the world are under the age of 18 and the mental health of these children and adolescents constitutes a growing global public health priority. Refugee children and their families are at increased risk to develop mental health problems, but they often face major challenges in accessing adequate treatment and mental health professionals frequently feel ill-equipped to assist this group.

This book aims to provide an overview of the latest theoretical insights from research on sociocultural aspects of mental health and connect these with clinical insights from practical mental health care provision. Using strengths-based, resiliency-oriented and family-centered approaches can enrich clinical practice in refugee mental health, but clinicians need to translate the emerging evidence into concrete steps and interventions. This requires additional skills for the assessment and management of mental health conditions in refugee children and families.

The chapters in this book are written by a diverse group of authors using global, multi-disciplinary approaches. The chapters provide examples from various contexts including refugees who are displaced to neighboring countries, refugees 'on the move', and refugees and asylum seekers in resettlement settings. This book is therefore a unique resource for clinicians, researchers and policy makers working on mental health issues of refugee children and adolescents around the world.

Library Update

[online]

[Pediatric cataract surgery and IOL implantation: a case-based guide](#) / Courtney L. Kraus, editor. Springer, 2020.



This book offers a comprehensive overview of the epidemiology of pediatric cataract surgery and considerations surrounding IOL implantation. It addresses pre-operative evaluation and examination, as well as surgical steps and techniques for various pediatric cataract conditions.

Chapters begin with an introduction and are followed by discussions that offer expert viewpoints and case studies. In addition, chapters illustrate the complexity of the management of pediatric lens opacities.

The book closes with a case-based approach to special considerations in IOL implantation: including considerations in the uveitic patient, placement without capsular support, and cataract surgery in the developing world. Providing thoughtful chapters that seek to expand on the currently available literature without redundancy, this book a solid companion piece to any other text discussing pediatric cataracts.

[online]

[Robbins and Cotran Pathologic basis of disease](#) / [edited by] Vinay Kumar, Abul K. Abbas, and Jon C. Aster. 10th ed. Elsevier, 2021. [[8th ed, 2010](#) in print]

Readable and highly illustrated, this new edition presents an in-depth, state-of-the-art overview of human diseases and their cellular and molecular basis.



This best-selling text delivers the latest, most essential pathology knowledge in a readable, interesting manner, ensuring optimal understanding of the latest basic science and clinical content. More than 1,000 high-quality photographs and full-color illustrations highlight new information in molecular biology, disease classifications, new drugs and drug therapies, and much more.