

Library Update

No.16, 31st August, 2020

Library Service status reminder

You can [keep up with any changes to services](#) on our status page.

Library space availability

The Library may be used by theatre staff as break-out space between 11am-3pm, Monday to Friday.

If the space becomes crowded or noisy, an alternative study area is available for Library patrons. Go to room 1.031 in Health Education & Learning Precinct (HELP), adjacent to the Library.



The book collection has been moved to the eastern end of the library, providing additional well-spaced seating. Please do not move chairs and tables as they are appropriately distanced. Sanitizing supplies are provided for use both before and after using tables and computers.

Accessing Library online resources while working from home

Register for an [OpenAthens](#) account to get remote access to Library resources from off-site. If you are already off-site be sure to use your work email address when registering.

We are monitoring OpenAthens accounts that are flagged for expiry and will keep them current.

EndNote from home

RCH staff and students who are registered Library members may install EndNote on their home computers. [Find out more here](#). MCRI and University of Melbourne staff and students should obtain Endnote from their institution.

Literature searching

[Contact Poh](#) for assistance with literature searches.

Training

Training sessions are suspended until further notice. [Contact Poh](#) for more information.

Document Delivery

[This service](#) continues in a limited capacity. Journal articles and book chapters may still be requested; time frame for delivery depends on the availability of suppliers. Hard copy items, such as books or multimedia, may not be requested.

Loans

Due dates loans of physical items have been extended to 4 weeks, still with 2 renewals if required; you can drop returned items into the chute outside the Library doors.

[Contact us](#) to find out the status of your loan or are experiencing difficulties with returning items.



AIHW: latest reports

A framework for monitoring overweight and obesity in Australia

Overweight and obesity is a major health issue for both Australian adults and children. In 2017–18, 67% of adults and 25% of children and adolescents were overweight or obese.

The framework developed by the AIHW to monitor overweight and obesity aims to describe, at a national level, the key risk factors for overweight and obesity, and their relationship with environmental, individual, social and behavioural characteristics, as well as health outcomes.

[Read the report.](#)

Overweight and obesity among Australian children and adolescents

Overweight and obesity affects 25% of Australian children and adolescents, and is associated with poorer health and wellbeing and higher health-care costs.

Some children and adolescents are more likely to be overweight or obese, such as Indigenous children and children living in disadvantaged areas. Many factors contribute to the development of overweight and obesity, including environmental influences and individual behaviours.

[Read the report.](#)

Overweight and obesity in Australia: an updated birth cohort analysis

Overweight and obesity is a major public health issue and a leading risk factor for ill-health in Australia. This report shows that:

- when comparing between birth cohorts at the same age, those born more recently are more likely to be overweight or obese
- the prevalence of overweight and obesity has generally increased with age within most birth cohorts.

[Read the report.](#)

National framework for protecting Australia's children indicators

This release updates the online data visualisations for indicators under the National Framework for

Wellbeing and appreciation events

- September 1 – [National Asthma Week](#)
- September 2 – [Indigenous Literacy Day](#)
- 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](#)
- October 1 – [Health Literacy Month](#)
- October 6 – [World Cerebral Palsy Day](#)
- October 8 – [World Sight Day](#)
- October 10 – [World Mental Health Day](#)



Protecting Australia's Children and the National Standards for Out-of-Home Care.

It includes updated child protection indicators, along with a variety of other measures that focus on the safety and wellbeing of Australia's children.

[Read the report.](#)

National Partnership on Essential Vaccines: performance report 2018–19

This report provides an assessment of state and territory performance against the performance benchmarks outlined in the National Partnership on Essential Vaccines, for the assessment period 1 April 2018 to 31 March 2019.

The report shows that 3 jurisdictions met all 5 benchmarks, with the other jurisdictions each meeting 4 of the 5 benchmarks.

[Read the report.](#)

Health and Science News

- **Wide variations in car seat breathing assessment conducted on premature newborns:** When at-risk infants are placed in a car seat for the ride home from the hospital, however, the semi-upright sitting position can pose breathing obstacles that may not be obvious in the flat-back position. [Read more](#) [source: eurekalert.org]
- **Cork and Canvas offers free online art classes for frontline workers:** Participants will gain access to a complimentary step-by-step video tutorial from Cork and Canvas' senior lead artists, with the option to take part in an on-demand session that can be completed at the artist's pace or a live class via Zoom, allowing virtual engagement with other art lovers in the class. [Read more](#) [source: hospitalhealth.com.au]
- **More autism research needed at home, school and community say parents:** "If we want research to have maximum impact, then it's important we align projects with the needs and priorities identified by parents." [Read more](#) [source: scimex.org]
- **First reported case of COVID-19 reinfection:** The researchers say a 33-year old man was diagnosed with coronavirus more than four months after he recovered from a first bout of the disease. [Read more](#) [source: scimex.org]
- **Air pollution may increase asthma risk in kids:** Findings support evidence that fine air pollutants may contribute to the development of asthma and wheezing. [Read more](#) [source: scimex.org]
- **WHO: How to report misinformation online:** Annex to the Advice on the use of masks in the context of COVID-19. [Read more](#) [source: who.int]
- **Combining genetic information with EMRs to pinpoint childhood epilepsies:** A team of researchers further bridged the gap between genomic information and clinical outcome data by systematically linking genetic information with electronic medical records, focusing on how genetic neurological disorders in children develop over time. [Read more](#) [source: eurekalert.org]
- **Researchers show children are silent spreaders of virus that causes COVID-19:** In the most comprehensive study of COVID-19 pediatric patients to date, Massachusetts General Hospital (MGH) and Mass General Hospital for Children (MGHfC) researchers provide critical data showing that children play a larger role in the community spread of COVID-19 than previously thought. [Read more](#) [source: eurekalert.org]
- **5 ways we can prepare the public to accept a COVID-19 vaccine (saying it will be 'mandatory isn't one):** Australia needs to establish a transparent and coordinated communication effort setting accurate expectations about when the vaccine will be available, priority groups, risks, benefits and supply. [Read more](#) [source: theconversation.com]
- **Influence of vitamin D supplementation on a baby's gut microbiome:** The study found that vitamin D supplementation is associated with compositional changes in a baby's microbiome-- notably a lower abundance of the bacteria *Megamonas*--at three months of age. [Read more](#) [source: eurekalert.org]
- **Coronavirus: How will the world vaccinate seven billion?:** If glass vials are a potential problem, then so are fridges, since most vaccines need to be kept at low temperatures. [Read more](#) [source: bbc.com]
- **Childhood syndrome linked to COVID-19 causes profound immune changes:** The study showed that in the acute stage of paediatric inflammatory multisystem syndrome (PIMS-TS), children have raised levels of cytokines, and reduced levels of lymphocytes. [Read more](#) [source: eurekalert.org]
- **Springer Nature 'continuing to investigate the concerns raised' about paper linking obesity and lying:** What's the link between obesity and dishonesty? This paper claimed to find that obese people were more deceptive than thinner folk. [Read more](#) [source: retractionwatch.com]
- **Pollution responsible for antibiotic resistance, research finds:** Antibiotic resistance has traditionally been viewed as a clinical problem, but this research demonstrates how even pollution in the environment can contribute to the problem. [Read more](#) [source: hospitalhealth.com.au]
- **Childhood obesity now a bigger contributor to MS than smoking:** Childhood and adolescent obesity is projected to contribute up to 14 per cent of overall risk of Multiple Sclerosis (MS) in 2035, according to research led by Queen Mary University of London. [Read more](#) [source: scimex.org]
- **Spreadsheet error led to Edinburgh hospital opening delay:** A review found a "human error" in a 2012 spreadsheet with the specifications for air flow in critical care rooms. The mistake was missed in what auditors describe as a "collective failure". [Read more](#) [source: bbc.com]

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Clinicians Health Channel news: *UpToDate* for targeted rural clinicians

[Go to UpToDate](#) from within one of these [50 health services](#). Use your Clinicians Health Channel login for offsite access.

If you need mobile app access, register for an *UpToDate* account first, log in from your device, and download the app. For help please contact CHC Help Desk on 1800 107 421 or email chchelpdesk@medicaldirector.com.

Search Tip: Change the display view of Ovid search results

At the top of your search results there are several options for how much detail you see and how many results to display per page.

Use the view options to change the way the results display. You can choose *Title View*, *Citation View* (pictured), or *Abstract View*.



BMJ Best Practice: latest updates

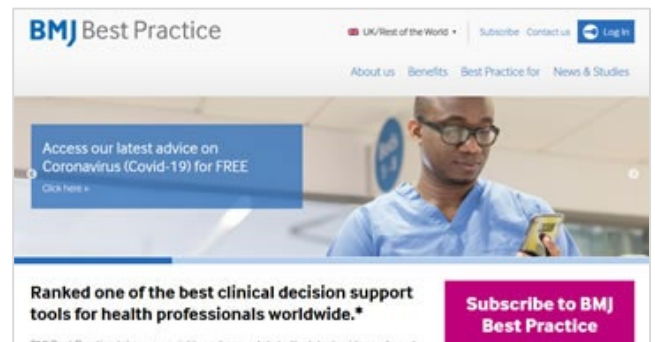
BMJ Best Practice brings a step-by-step approach to decision support. It is structured around the patient consultation, covering diagnosis, prognosis, treatment, and prevention.

We recommend this resource as an alternative to *UpToDate*.

[Download the BMJ Best Practice app](#) for access to BMJ's trusted clinical information, whenever and wherever you need it.

Recently updated topics

- [Acne vulgaris](#)
- [Alport's syndrome](#)
- [Assessment of abdominal pain in children](#)
- [Assessment of cyanosis in the newborn](#)
- [Atypical pneumonia \(non-COVID-19\)](#)
- [Muscular dystrophies](#)



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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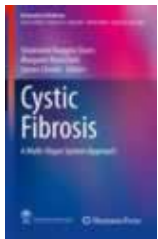
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BOOKS

[online]

[Cystic fibrosis: a multi-organ system approach](#) / Stephanie Duggins Davis, Margaret Rosenfeld, James Chmiel, editors. Humana Press, 2020.



This book provides a comprehensive overview of the multisystem disease, cystic fibrosis, for both pediatric and adult patients.

Written by experts in the field, the text outlines the progressive nature of CF as well as the impact of this autosomal recessive disease on the respiratory, gastrointestinal, endocrine, rheumatologic, and renal systems, as well as the patient's mental health.

The book begins with a chapter describing the history of cystic fibrosis and how the face of this life-shortening disease has changed over the past several decades. The following chapters elucidate the pathophysiology of how cystic fibrosis impacts each organ system. Current management and therapeutics are detailed with step-by-step guidelines for clinicians.

This book is unique in that it highlights the entire person, not just the respiratory system, with detailed inclusion of the patient perspectives throughout, informing practice standards and considerations.

This is an ideal guide for pediatric and adult physicians who care for patients with cystic fibrosis, as well as respiratory therapists, physical therapists, nurses, nutritionists, and pharmacists who care for these patients.

[online]

[Disorders / differences in sex development: an integrated approach to management](#) / editors, John M. Hutson, Sonia R. Grover, Michele A. O'Connell, Aurore Bouty, Chloe A. Hanna. 2nd ed. Springer, 2020. [1st ed, 2012 in print and online]



The new, fully updated edition of this successful book, brings together the combined experience of a leading dedicated unit from RCH delivering expert medical and surgical care to children with DSD (Disorders | Differences of Sex Development) in a holistic environment.

It documents the most recent advances in the molecular biology and embryology of sex development, and describes each variation in detail.

The main focus of the book is on patients with variations with their anatomy and hormone function. New chapters describe the developments in the field in terms of definitions and incidence, the mental health of DSD patients and discuss the perspectives of patients' families and support groups. The clinical presentation and approach to diagnosis are described both for babies and for children presenting later in childhood or at adolescence.

The chapters on management highlight all the latest knowledge and include the shared wisdom of the authors on current controversies, such as the timing of surgical treatment.

Finally, the authors describe their short-, medium-, and long-term outcomes, which demonstrate the strengths of holistic team management.

[online]

[Neurodevelopmental disorders: employing iPSC technologies to define and treat childhood brain diseases](#) / editors, Emanuel DiCicco-Bloom, James H. Millonig. Springer, 2020.



This book contains a compendium of induced pluripotent stem cells (iPSCs) articles and reviews concerning state of the art technologies and how they are being applied to human neurodevelopmental disorders.

With the establishment of effective technologies to produce iPSCs and their derivatives, like neural precursors, neurons, and glia, researchers have new platforms to study neurodevelopmental disorders.

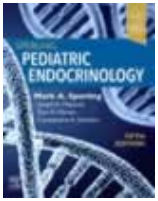
iPSC technology enables researchers to study how human neurons develop in individuals with neurodevelopmental disorders, providing an unparalleled opportunity to investigate their etiology. In turn, researchers have now begun to understand the underlying molecular and cellular pathways that contribute to human diseases. iPSCs technologies also provide an emerging tool for future translational studies and disease classification.

The chapters will emphasize how among the diverse idiopathic and genetic disorders, there are common clinical as well as cellular and molecular phenotypes.

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[online]

[Sperling Pediatric endocrinology](#) / [edited by] Mark A. Sperling. 5th ed. Elsevier, 2021. [[3rd ed, 2010](#) in print]



An ideal resource for both pediatricians and endocrinologists, this new edition brings you fully up to date with accelerating research; new discoveries in metabolic, biochemical and molecular mechanisms; and the resulting advances in today's clinical care.

The editorial team of world-renowned pediatric endocrinologists led by Dr. Mark Sperling, as well as expert contributing authors, cover comprehensive and current aspects of both basic science and clinical practice.

Whether you're preparing for certification or have extensive clinical experience, this detailed, authoritative reference helps you increase your knowledge and determine the best possible course for every patient.