

Library Update

No.6, 12th April, 2021

BMJ Best Practice: a recommended alternative to UpToDate

[BMJ Best Practice](#) combines the latest research evidence, guidelines, and expert opinions to support clinicians in decision making from diagnosis to treatment. It is updated daily, is quick and easy to search, and supports information in 100 different languages. The information is structured to support the path of patient consultation.

BMJ Group collaborates with over 1,600 international expert authors and over 2,500 peer reviewers to provide the best information possible. Robust processes are used to ensure information is evidence based and is up to date, including:

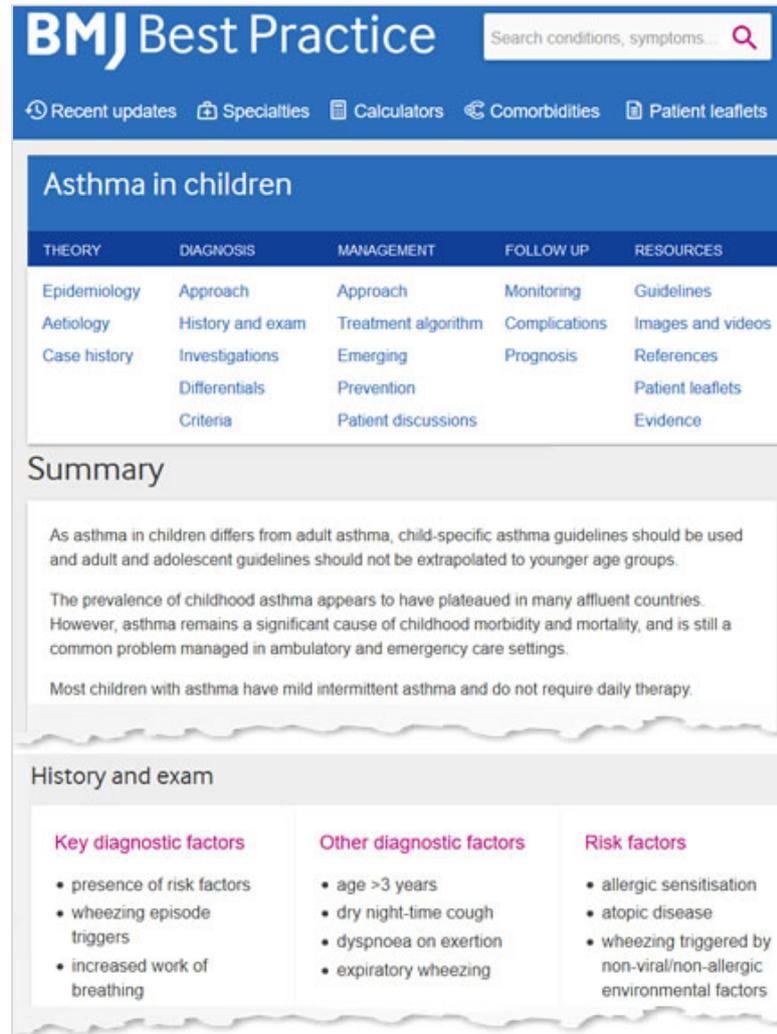
- Systematic searches for high quality new and updated international guidelines.
- Continuous in-house scanning and triaging of drug alerts.
- Daily monitoring and triaging of user/customer feedback by the Senior Clinical Editor.
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- Updated daily, with information about changes made.

How to find the information you need

- Use: the *Search conditions, symptoms* field or go directly to *Specialties*.
- Each topic is divided into sections: Overview, Theory, Diagnosis, Management, Follow Up and Resources.
- Look for an *Evidence* subsection under *Resources*.

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BMJ Best Practice Search conditions, symptoms...

Recent updates Specialties Calculators Comorbidities Patient leaflets

Asthma in children

THEORY	DIAGNOSIS	MANAGEMENT	FOLLOW UP	RESOURCES
Epidemiology	Approach	Approach	Monitoring	Guidelines
Aetiology	History and exam	Treatment algorithm	Complications	Images and videos
Case history	Investigations	Emerging	Prognosis	References
	Differentials	Prevention		Patient leaflets
	Criteria	Patient discussions		Evidence

Summary

As asthma in children differs from adult asthma, child-specific asthma guidelines should be used and adult and adolescent guidelines should not be extrapolated to younger age groups.

The prevalence of childhood asthma appears to have plateaued in many affluent countries. However, asthma remains a significant cause of childhood morbidity and mortality, and is still a common problem managed in ambulatory and emergency care settings.

Most children with asthma have mild intermittent asthma and do not require daily therapy.

History and exam

Key diagnostic factors	Other diagnostic factors	Risk factors
<ul style="list-style-type: none"> • presence of risk factors • wheezing episode triggers • increased work of breathing 	<ul style="list-style-type: none"> • age >3 years • dry night-time cough • dyspnoea on exertion • expiratory wheezing 	<ul style="list-style-type: none"> • allergic sensitisation • atopic disease • wheezing triggered by non-viral/non-allergic environmental factors

Recently updated topics

- [Botulism](#)
- [Assessment of abdominal pain in children](#)
- [Premature newborn care](#)
- [Shigella infection](#)
- [Attention deficit hyperactivity disorder in children](#)
- [Nappy rash](#)
- [Rheumatic fever](#)
- [Asthma in children](#)
- [Meningococcal disease](#)
- [Assessment of gait disorders in children](#)
- [Toxic ingestions in children](#)
- [Assessment of chronic cough](#)
- [Muscular dystrophies](#)
- [Osteomyelitis](#)

Library Update

1000 Library Facts:

#21 – Who was J.W. Grieve?

The Library's official name is The J.W. Grieve Memorial Library. "Jock" Grieve (1892—1948) was a much-loved and respected paediatrician.

His position as an authoritative children's physician, teacher, and examiner, allowed him to influence the thoughts and attitudes of the University of Melbourne's Faculty of Medicine and the Australasian College of Physicians, which slowly led to the field of paediatrics becoming a discipline in its own right.

He also pioneered the view that children were not simply "small adults" in terms of their illness and treatment.

Read more about J.W. Grieve and the [history of the Library](#).

Fake science: Nature investigates

'The fight against fake-paper factories that churn out sham science'

Since last January, journals have retracted at least 370 papers that have been publicly linked to 'paper mills', [an analysis by Nature](#) has found, and many more retractions are expected. Much of this housecleaning has come about thanks to sleuths who have publicly flagged papers that share suspiciously similar features, such as western blots with identical-looking backgrounds.

This is not a new phenomenon and has been [identified in 2015 by an Australian researcher](#) at the University of Sydney. Publishers are [doing their best to work together](#) to tackle some of these issues.



Wellbeing and appreciation events

- 2021 – [International Year of Health and Care Workers](#)
- 2021 – [International Year of Peace and Trust](#)
- Apr 16 – [World Voice Day](#)
- Apr 17 – [World Haemophilia Day](#)
- Apr 24 – [World Immunisation Week](#)
- Apr 22 – [Earth Day](#)
- May – [65 Roses Month \(cystic fibrosis\)](#)
- May 5 – [World Asthma Day](#)
- May 5 – [World Hand Hygiene Day](#)
- May 12 – [International Nurses Day](#)
- May 15 – [International Day of Families](#)
- May 15 – [National Families Week](#)
- May 14 – [National Safely Walk to School Day](#)
- May 17 – [Library & Information Week](#)
- May 17 – [National Volunteers Week](#)
- May 19 – [National Simultaneous Storytime](#)
- May 26 – [National Sorry Day](#)
- May 27 – [National Reconciliation Week](#)
- May 31 – [World No Tobacco Day](#)

Featured podcast: Coronapod: the Oxford-AstraZeneca COVID vaccine – what you need to know

Nature's Coronapod delves into the concerns and asks whether the latest clinical trial results could ease worries.

Since the beginning of the pandemic the Oxford-AstraZeneca vaccine has been plagued by confusion and controversy.

The vaccine has been authorised in over 100 countries, tens of millions of doses have been administered, and it has been demonstrated to be safe and effective. However, over the past few weeks the vaccine has again been in the headlines.

In this episode of Coronapod, we discuss all of these controversies and ask how they may the reputation of the vaccine, and what that could mean for roll-outs moving forward.

[Listen now](#) (19 minutes).

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

Special Collections:

- Best of the Cochrane Library: 2020 in review. [Read now](#)
- Chronic suppurative otitis media: effectiveness of non-surgical treatments. [Read now](#)
- Coronavirus (COVID-19): evidence relevant to critical care. [Read now](#)
- Coronavirus (COVID-19): infection control and prevention measures. [Read now](#)
- Diagnosing tuberculosis. [Read now](#)

Editorial:

- Contested effects and chaotic policies: the 2020 story of (hydroxy) chloroquine for treating COVID-19. [Read now](#)

New Cochrane Database of Systematic Reviews:

- Circumcision devices versus standard surgical techniques in adolescent and adult male circumcisions. [Read now](#)
- Dornase alfa for cystic fibrosis. [Read now](#)
- The effectiveness and adverse effects of D-cycloserine compared with placebo on social and communication skills in individuals with autism spectrum disorder. [Read now](#)
- Effectiveness of psychosocial interventions for reducing parental substance misuse. [Read now](#)
- Electrical conductance for the detection of dental caries. [Read now](#)
- Enteral zinc supplementation for prevention of morbidity and mortality in preterm neonates. [Read now](#)
- Fluid restriction in the management of transient tachypnea of the newborn. [Read now](#)
- High versus low medium chain triglyceride content of formula for promoting short-term growth of preterm infants. [Read now](#)
- High versus standard volume enteral feeds to promote growth in preterm or low birth weight infants. [Read now](#)

Get help with Cochrane Library

Fact Sheet no.5: [The Cochrane Library](#)
Sign up for [Training at the Library](#)
Contact the library on x55107, or poh.chua@rch.org.au

- Imaging modalities to inform the detection and diagnosis of early caries. [Read now](#)
- Integrated community case management of childhood illness in low- and middle-income countries. [Read now](#)
- International travel-related control measures to contain the COVID-19 pandemic: a rapid review. [Read now](#)
- Interventions for atypical haemolytic uraemic syndrome. [Read now](#)
- Interventions for self-harm in children and adolescents. [Read now](#)
- Lung recruitment manoeuvres for reducing mortality and respiratory morbidity in mechanically ventilated neonates. [Read now](#)
- Opioids for newborn infants receiving mechanical ventilation. [Read now](#)
- Prophylactic antibiotics for preventing pneumococcal infection in children with sickle cell disease. [Read now](#)
- Surgical interventions for infantile nystagmus syndrome. [Read now](#)
- Timing of dornase alfa inhalation for cystic fibrosis. [Read now](#)

New Protocols:

- Caffeine dosing regimens in preterm infants with or at risk for apnea of prematurity. [Read now](#)
- Healthy eating interventions delivered in early childhood education and care settings for improving the diet of children aged six years and below. [Read now](#)
- Magnesium sulfate for term infants following perinatal asphyxia. [Read now](#)
- Parent-mediated intervention delivered through telehealth for children with autism spectrum disorder. [Read now](#)
- Phototherapy for atopic eczema. [Read now](#)
- Preoperative fasting for prevention of perioperative complications in children. [Read now](#)

Health and Science News

- **Lockdown stunted a bunch of other viruses too:** A global team of scientists first saw the effect in Australia and New Zealand, but are now seeing a similar effect in the UK and Europe. [Read now](#) [scimex.org]
- **Parents in Western countries report the highest levels of burnout:** A survey comparing 42 countries links parental exhaustion to a country's level of individualism. [Read now](#) [source: sciencenews.com]
- **Malaria is notoriously hard to vaccinate against. A new vaccine technology might change that:** Despite decades of research, only one malaria vaccine so far has passed muster. RNA vaccination could be the way forward. [Read now](#) [source: vox.com]
- **Bringing KAIZEN to kid healthcare:** A research set out to understand and assess the literature describing quality improvement in PICUs. [Read now](#) [source: eurekalert.org]
- **Pumping the 'brain brake' in pediatric anxiety:** Study results showed that brain imaging was able to predict -- after just two weeks of treatment with almost 80% accuracy -- how much a patient would improve. [Read now](#) [source: eurekalert.org]
- **There's no need to shout when wearing a mask, just speak more clearly:** "Hyperarticulating" is the key to getting the message across. [Read now](#) [source: medicalrepublic.com.au]
- **New research finds majority of children with autism may be 'doing well':** National study led by SickKids and CAMH takes a strengths-based approach to autism assessment. [Read now](#) [source: eurekalert.org]
- **Vitamin D: The truth about an alleged Covid 'cover-up':** Sometimes misinformation can develop even around ideas that have some truth to them - and that can be the most difficult kind to tackle. [Read now](#) [source: bbc.com]
- **Depression, burnout, insomnia, headaches: how a toxic and sexist workplace culture can affect your health:** Such workplaces often feature "win or die" organisational cultures that focus on personal gain and advancement at the expense of other employees. [Read now](#) [source: theconversation.com]
- **Road map to better ventilation for indoor spaces:** Governments and businesses are still spending a lot of money on disinfecting surfaces, despite evidence that it is rare for the virus SARS-CoV-2 to pass from one person to another through contaminated surfaces. [Read now](#) [source: nature.com]
- **Scientists discover new genetic disease that delays brain development in children:** The majority of patients with the condition, which is so new it doesn't have a name yet, were also microcephalic. [Read now](#) [source: sciencedaily.com]
- **Social media addiction linked to cyberbullying:** When adolescents are online, they adapt to a different set of social norms than when they're interacting with their peers in person. [Read now](#) [source: sciencedaily.com]
- **New model to help identify risk factors for reading difficulties in children:** Researchers have developed a new framework for different factors influencing how a child's brain is "wired" to learn to read before kindergarten. [Read now](#) [source: sciencedaily.com]
- **Gut microbiota in cesarean-born babies catches up:** One key conclusion is that the intestinal microbiota forms an ecosystem that takes a long time to mature. Even at 5 years of age, the system is incomplete. [Read now](#) [source: eurekalert.org]
- **Diet + exercise + chemo = increased survival in youth with leukemia:** Study finds risk of detectable cancer cells decreased by 70% after one month of treatment in patients with ALL. [Read now](#) [source: eurekalert.org]
- **Long wait times increase for children seeking emergency care for mental health:** Study suggests that timely access to mental healthcare for children is worsening; policy solutions are needed. [Read now](#) [source: eurekalert.org]
- **Soft "sweat stickers" may streamline diagnosis of cystic fibrosis in children:** The stickers could address design obstacles that have held back the diagnosis and treatment of cystic fibrosis in pediatric patients. [Read now](#) [source: eurekalert.org]
- **Why we need to share vaccine doses now and why COVAX is the right way to do it:** The vast majority of doses administered so far – nearly 80% – have been in just 10 countries. [Read now](#) [source: wellcome.org]
- **Sticker on skin diagnoses cystic fibrosis in real-time:** Researchers have developed a sticker that can collect and analyze sweat for chloride levels automatically, producing a noticeable color change. [Read now](#) [source: medgadget.com]
- **A new way to prevent childhood obesity:** Researchers UQ have developed a model which uses simple risk factors to predict future childhood obesity. [Read now](#) [source: healthtimes.com.au]

Library Update

Library Training:

coming sessions

Improve your literature searching skills at the Library

If you can't make it to the scheduled sessions, [contact us](#) to arrange individual or group sessions at a time that suits you. Charges apply for some Library training.

[See the Library website](#) for full session details.

See our full list of [EndNote Tips](#) and [Database Search Tips](#), or our [Fact Sheets](#) for more in-depth information on searching or using Library services.

Session	Next scheduled
Nursing & Allied Health	Friday 28 May, 8:30 am
Cochrane Library	Wednesday 5 May, 8:30 am
EndNote Tutorial 1	Friday 21 May, 10:00 am
EndNote Tutorial 2	Thursday 22 April, 9:00 am
EndNote Demonstration	Wednesday 26 May, 5:00 pm
Finding the Evidence	Tuesday 11 May, 8.30 am
Introduction to the Library	Friday 14 May, 12:00 pm
Ovid Medline	Wednesday 5 May, 2:30 pm
PubMed	Wednesday 12 May, 2:30 pm

AIHW – latest reports

Bloodstream infections associated with hospital care 2019–20

Staphylococcus aureus (S. aureus, or 'golden staph') bloodstream infections (SABSI) associated with hospital care can be serious, particularly when bacteria are resistant to common antimicrobials.

In 2019–20, all states and territories had public hospital SABSI rates below the national benchmark of 2.0 cases per 10,000 patient days.

Over the past 5 years, the SABSI rate has fluctuated at around 0.7, for instance, 0.74 in 2015–16 and 0.71 in 2019–20. [Read the report.](#)

Health system expenditure on cancer and other neoplasms in Australia, 2015–16

Health system expenditure on cancer and other neoplasms in Australia, 2015–16, presents

estimates of cancer expenditure by age group, sex, Indigenous status, geography, area of expenditure and for a range of types of cancer, as well as expenditure on cancer as a result of health risk factors. Estimates are based on a number of assumptions.

Expenditure on cancer in 2015–16 was \$10.1 billion, including at least \$2.7 billion attributable to health risk factors. [Read the report.](#)

Mental health services in Australia

Mental health services in Australia (MHSA) provides a picture of the national response of the health and welfare service system to the mental health care needs of Australians.

MHSA is updated progressively throughout each year as data becomes available. [Read the report.](#)

EndNote Tip: using an organisation as author

When an organisation is an author, enter the full name of the organisation with a comma at the end. For example:

Royal Children's Hospital,

For more information on entering author names and using commas, see [Author names](#) from our list of EndNote tips.

Reference Type	Web Page
Author	Royal Children's Hospital,
Year	2021
Title	Clinical Practice Guidelines: Anaphylaxis

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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[Burn care and treatment : a practical guide /](#) edited by Marc G. Jeschke, Lars-Peter Kamolz, Shahriar Shahrokhi. Springer, 2020



The second edition of this practical guide offers a comprehensive summary of the most important and most immediate therapeutic approaches in the assessment and treatment of burn injuries.

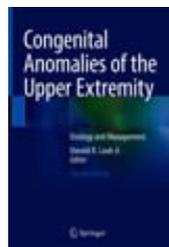
Taking into account age-specific needs in pediatric, adult, and elderly burn patients, several chapters on key issues – such as pre-hospital treatment, wound care and infection control, burn nursing, critical care, burn reconstructive surgery and rehabilitation for burn victims – have now been updated. In addition, the book has been supplemented with the latest information on fluid resuscitation, organ support for burn patients, necrotizing soft tissue infections, and TEN/SJS.

Written in a concise manner, the updated edition of this book provides essential guidelines for optimal care to improve patient outcomes, and thus will be a valuable

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[Congenital anomalies of the upper extremity: etiology and management /](#) edited by Donald R. Laub Jr. Springer, 2021



Now in a revised and updated second edition, this book encompasses the current knowledge of genetic and molecular causes of, and surgical and non-surgical treatment for, congenital deformities of the hand. Divided into five sections, this comprehensive text presents the many variations of congenital anomaly encountered in the clinical setting.

Part I discusses general considerations for congenital deformity, including embryology and classification, incidence and prevalence, genetics, anesthesia, prosthetics and rehabilitation principles, hand therapy and even psychological considerations for children living with these conditions. The second and third sections present deformities based on failures of formation and/or differentiation of the axis and hand plate respectively: radial and ulnar longitudinal deficiencies,

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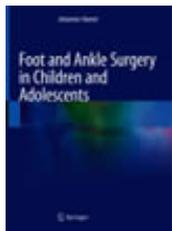
sybrachydactyly, syndactyly (including Apert Syndrome), clinodactyly and captodactyly, and synostosis and coalitions are described in detail, among others. Duplication deformities, such as radial and ulnar polydactyly, are covered in part IV.

The final section discussed overgrowth (macroductyly), amniotic band syndrome, arthrogryposis, Madelung deformity, epidermolysis bullosa and additional generalized skeletal anomalies. All chapters are generously referenced and illustrated with radiography and full-color photographs.

Bringing together the latest clinical evidence and surgical interventions, this second edition of *Congenital Anomalies of the Upper Extremity* will continue to be an excellent resource for orthopedic, hand and plastic surgeons treating young patients with these challenging deformities of the hand.

[online]

[Foot and ankle surgery in children and adolescents](#) / by Johannes Hamel. Springer, 2021



Drawing on the latest evidence, this book guides readers through the diagnosis and surgical treatment of the most common pediatric foot and ankle deformities and pathologic conditions. Thanks to a wealth of images, readers will gain new insights and learn new

concepts for several surgical procedures – with a special focus on all aspects of clubfoot treatment, new techniques in coalition surgery and new concepts in planovalgus and cavovarus correction.

The book also features a number of cases that observe a given condition over an extended period: idiopathic clubfoot, subtle and rigid planovalgus deformity, skew foot, cavovarus foot, supramalleolar and forefoot deformities and others. For each surgical technique, it thoroughly discusses the indications, provides valuable tips, and highlights potential pitfalls. Functional aspects are moreover emphasized by pedographic observation.

This comprehensive book offers a valuable asset for foot and ankle surgeons, pediatric orthopedic surgeons, physical therapists and pediatricians alike.

[online]

[Paediatric Kawasaki disease : clinical analysis and cases](#) / by Hong Wang. Springer, 2020



This book introduces the clinical analysis and accompany cases of paediatric Kawasaki disease.

It has 14 chapters about typical Kawasaki disease, atypical Kawasaki disease, recurrent, misdiagnosis, and complications involved different systems, such as cardiovascular, digestive, nervous, blood, respiratory, urinary, bone and joints, and endocrine systems complications. In this book, 53 Kawasaki cases are presented with clinical history, physical examination, laboratory findings, diagnosis, treatment and discussion.

This book is helpful for clinicians, ultrasonologist, and radiologist to support early diagnosis and proper treatment, which can significantly improve the prognosis of Kawasaki disease.