

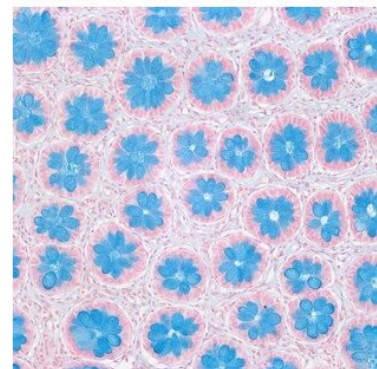
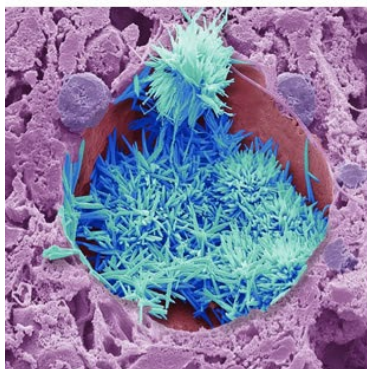
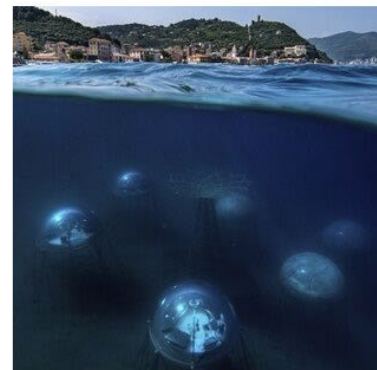
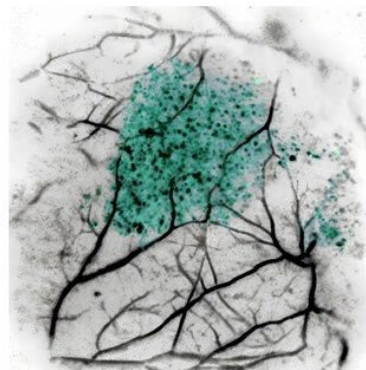
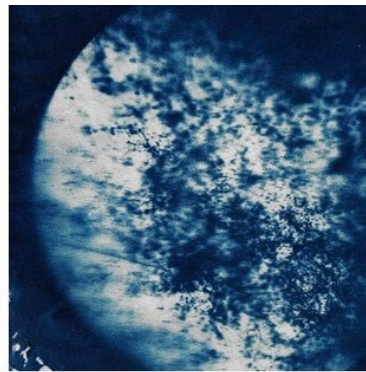
Library Update

No.7, 4th August, 2025

Wellcome Photography Prize 2025 winners capture powerful stories of science and health

[The winning images](#) reflect how science and health shape people's lives in complex and deeply personal ways, from the hidden toll of domestic abuse to the everyday realities of climate migration, to the microscopic processes that underpin heart disease.

The winners were chosen by a diverse panel of international judges with submissions entered from all over the world. Entries spanned three categories: *Striking Solo Photography*, *A Storytelling Series* and *The Marvels of Scientific and Medical Imaging*.



Library Update

Library Training: August sessions

Improve your literature searching skills at the Library

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

Nursing & Allied Health.....Thu 7 Aug, 2:00 pm
Cochrane Library.....Tue 5 Aug, 10:00 am
EndNote Tutorial 1.....Fri 8 Aug, 10:00 am
EndNote Tutorial 2.....Fri 15 Aug, 10:00 am
EndNote Demonstration.....Wed 27 Aug, 2:00 pm
Introduction to the LibraryFri 29 Aug, 10:00 am
Ovid MedlineTue 5 Aug, 11:00 am



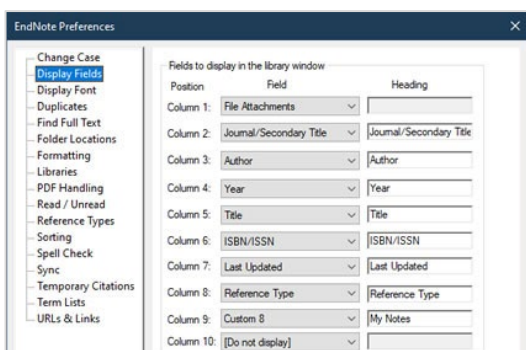
EndNote Tip: Modify the fields displayed in your library window

You can change the order of an existing column by selecting its header and dragging it to the left or right. You can also change the type of fields, the order of the fields, and their names.

Go to *Edit/Preferences/Display Fields* to see how you can customise the display columns. If you don't want a column to display at all select *[Do not display]* to hide it.

If a suitable field is not available, create your own using one of the *Custom* fields and giving it a custom name.

[See all EndNote Tips](#) at the Library website.



Wellbeing and appreciation events

August	Family History Month
August 1	Jeans for Genes Day
August 1	World Breastfeeding Week
August 4	Dental Health Week
August 4	Keep Australia Beautiful Week
August 4	National Aboriginal and Torres Strait Islander Children's Day
August 4	National Stroke Week
August 9	International Day of the World's Indigenous Peoples
August 9	National Science Week*
August 12	International Youth Day
August 12	National Day of Action Against Bullying and Violence
August 16	Children's Book Week
August 18	Brain Injury Awareness Week
August 21	Daffodil Day
August 24	Speech Pathology Week
August 28	Red Nose Day
August 29	Wear it Purple Day
September	Childhood Cancer Awareness Month

* National Science Week 2025

[In-person and online events](#), virtual tours, DIY science and more, all across Australia, from 9 - 17 August

Search for events by postcode, by topic, or see the full list of [Victorian events](#). You can celebrate Science Week from your couch by buying one of the [book packs](#), or really get involved by [running your own event](#) or booking an [experience](#).



Library Update

Cochrane Library: new items

Access

Select *Cochrane Library* from the Library's list of [databases](#).

Use the *Sign In* link to log in to an existing account, or to create a new account, so you can save your searches.

Recently added items

Editorial

- Virtual reality for stroke rehabilitation: time to rethink? Lessons from a Cochrane review. [Read more](#)

New Cochrane Database of Systematic Reviews

- Adjuvant interventions for preventing kidney scarring in children with febrile urinary tract infection. [Read more](#)
- Atypical antipsychotics for autism spectrum disorder: a network meta-analysis. [Read more](#)
- Early discharge with home support of gavage feeding for stable preterm infants who have not established full oral feeds. [Read more](#)
- Corticosteroids for treating sepsis in children and adults. [Read more](#)
- Digital health, technology-driven or technology-assisted interventions for the management of obesity in children and adolescents. [Read more](#)
- Early treatment versus expectant management of hemodynamically significant patent ductus arteriosus for preterm infants. [Read more](#)
- Gut microbiome-based interventions for the management of obesity in children and adolescents aged up to 19 years. [Read more](#)
- Interventions for improving adherence to amblyopia treatments in children. [Read more](#)
- Interventions to prevent obesity in children aged 2 to 4 years old. [Read more](#)
- Low-complexity manual nucleic acid amplification tests for pulmonary tuberculosis in children. [Read more](#)
- Midazolam for sedation of infants in the neonatal intensive care unit. [Read more](#)

Get help with Cochrane Library

Fact Sheet no.5: [The Cochrane Library](#)

Sign up for [Training at the Library](#)

[Contact](#) the Library

- Non-invasive respiratory support in preterm infants as primary mode: a network meta-analysis. [Read more](#)
- Parallel use of low-complexity automated nucleic acid amplification tests and lateral flow urine lipoarabinomannan assays to detect tuberculosis disease in adults and adolescents living with HIV. [Read more](#)
- Parallel use of low-complexity automated nucleic acid amplification tests on respiratory and stool samples with or without lateral flow lipoarabinomannan assays to detect pulmonary tuberculosis disease in children. [Read more](#)
- Postextubation use of non-invasive respiratory support in preterm infants: a network meta-analysis. [Read more](#)
- Peritoneal drainage versus laparotomy as initial treatment for surgical necrotising enterocolitis or spontaneous intestinal perforation in preterm very low birth weight infants. [Read more](#)
- Pharmacological interventions for the prevention of pain during endotracheal suctioning in ventilated neonates. [Read more](#)
- Probiotics in infants for prevention of allergic disease. [Read more](#)

Protocols

- Advance care planning for children with life-limiting and life-threatening conditions. [Read more](#)
- Community-based interventions for the prevention or management of dental caries in children. [Read more](#)

Australian Early Development Census National Report 2024

The AEDC provides evidence to support health, education and community policy and planning. AEDC data highlights what is working well and what can be improved to support children and their families. AEDC data are collected every three years. The sixth collection took place in 2024.

Download the [full report](#), see a summary of [key findings](#), or attend this free webinar [Understanding the 2024 AEDC results: Where to next?](#) on Aug 5th.



Library Update

Peer Review Week 2025:

Rethinking Peer Review in the AI Era

15–19 September 2025

[Peer Review Week](#) is an annual, global event that unites individuals, institutions, and organizations dedicated to promoting the core message that effective peer review, in all its forms, is essential to the advancement of scholarly communication.

There are a wide range of [activities](#), including events, webinars, interviews, and dynamic social media campaigns, fostering collaboration and awareness across the academic community. The event is open to everyone.

This year's [theme](#) invites a timely global dialogue on how artificial intelligence is reshaping the peer review landscape and the broader scholarly publishing ecosystem.



AIHW: latest releases

Aboriginal and Torres Strait Islander social and emotional wellbeing measures

This project provides a dedicated focus on First Nations SEWB. The lack of focus on and use of available culturally relevant SEWB measures has hindered progress in understanding and improving First Nations people's wellbeing. [Read the report.](#)

Alcohol, tobacco & other drugs in Australia

Alcohol, tobacco and other drug use is a major cause of preventable disease, illness and death in Australia. This report consolidates recent information on the availability and consumption of alcohol, tobacco and other drugs in Australia, and related impacts, harms and treatment. [Read the report.](#)

Australia's Disability Strategy

This is the latest quarterly update for the Australia's Disability Strategy Outcomes Framework. Nine measures have been updated in this release. [Read the report.](#)

Australia's mothers and babies

Explore the characteristics and experiences of mothers and their babies through interactive data visualisations, and in-depth information and trends. The data cover the antenatal period, labour and birth, and outcomes for babies at birth. The data also provides information on stillbirths, neonatal and maternal deaths, including causes, maternal characteristics, timing and investigations. [Read the report.](#)

Child protection Australia 2023–24

This report provides an overview of children in the child protection system in 2023–24, including children subject to notifications, investigations, and substantiations of maltreatment, and the ways children were supported. [Read the report.](#)

Drowning and submersion

In 2022–23, drowning and submersion caused 272 deaths and 592 hospitalisations in Australia. Males, young children (0–4), and older adults (65+) were most affected. Incidents occurred mainly in natural water, pools, and bathtubs. Hospitalisation rates were highest among First Nations children aged 0–4 [Read the report.](#)

Injury in Australia

Injury is a major cause of hospitalisation and death in Australia. This report presents annual updates of injury related emergency department presentations, hospitalisations and deaths, including trends over the preceding decade. [Read the report.](#)

Multimorbidity in Australia

This report provides information on the number of people living with multimorbidity and associated risk factors, as well as how multimorbidity affects quality of life, health care use and mortality. [Read the report.](#)

Use of emergency departments for lower urgency care 2017–18 to 2022–23

This web report presents information by remoteness areas, socioeconomic areas, Primary Health Networks (PHNs) and Statistical Area Level 3 (SA3). Reasons people may present to the ED rather than a general practitioner are also explored. [Read the report.](#)

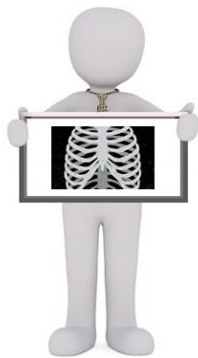
Vaccine-preventable diseases in Australia

This series of fact sheets and accompanying visualisations provide information about these diseases and their impact in Australia, including the number of cases notified to public health authorities, hospitalisations and deaths. [Read the report.](#)

Health and Science News

Biggest human imaging study scans 100,000th person:

The world's biggest human imaging project says it has now hit its target of scanning the brains, hearts and other organs of 100,000 people - the culmination of an ambitious 11-year study. [\[BBC\]](#)



- **Calls for part-time study option to ease burden on Australian medical students:** Some universities have already made significant adjustments to their medical degrees to allow for more flexible learning. [\[ABC\]](#)
- **Noticed: Sleuths are starting to get credit for retractions:** Major publishers are working on policies to acknowledge third parties across their journals. [\[Retraction Watch\]](#)
- **Sixty seconds on . . . melatonin gummies:** FDA researchers found that doses of products marketed at children varied from 0% to 667% of the amount stated. The dose was deemed accurate in only half of the products (76-126% of the stated dose). [\[BMJ\]](#)
- **Scientists hide messages in papers to game AI peer review:** Some studies containing instructions in white text or small font — visible only to machines — will be withdrawn from preprint servers. [\[Nature\]](#)
- **New research shows a blindingly simple new procedure can help save children's lives in emergency departments:** Caregiver concern should be labelled a vital sign. We must build robust medical systems that respond quickly. [\[The Guardian\]](#)
- **Microsoft claims AI tool can outperform doctors in diagnostic accuracy:** The system is designed to emulate a virtual panel of physicians with diverse approaches collaborating to solve diagnostic cases, to reflect clinical practice in real world settings. [\[BMJ\]](#)
- **Gene therapy can outperform a cochlear implant for children with congenital deafness:** Researchers say the children who received the gene therapy were performing better at tests measuring their auditory response, understanding of speech over background noise and perception of music. [\[Scimex\]](#)
- **GPs and hospitals are turning to AI scribes, so how does it work and what are the risks?:** These tools can make mistakes, especially with strong accents, noisy rooms or medical jargon, and patient information from data breaches can fetch a pretty penny on the dark web. [\[ABC\]](#)
- **2025 Kenneth Myer Lecture: Professor Brett Sutton AO:** Professor Brett Sutton explores 'wicked problems' and provides thoughts on how, in tackling them, we can support and revive Australia's wellbeing as a public and global good. [\[National Library - YouTube\]](#)
- **Research-integrity sleuths say their work is being 'twisted' to undermine science:** Some sleuths fear that the business of cleaning up flawed studies is being weaponized against science itself. [\[Nature\]](#)
- **Superbugs could kill millions more and cost \$2tn a year by 2050, models show:** Research on burden of antibiotic resistance for 122 countries predicts dire economic and health outcomes. [\[The Guardian\]](#)
- **3D-printed organs? It's not as far-fetched as you think:** Bioprinting offers a perfect solution to mass-produce cancer models to be tested against a variety of treatment options. [\[ANU\]](#)
- **Children who get their first smartphone before age 13 face higher mental health risks:** Much of this link to poorer mental health was explained by access to social media, cyberbullying, disrupted sleep and poor family relationships. [\[Scimex\]](#)
- **The brain fires up immune cells when sick people are nearby:** When people viewed virtual avatars with coughs or rashes, their brains triggered an immune response. [\[Nature\]](#)
- **Researchers identify four autism subtypes with distinct genes and traits:** Autism has at least four subtypes, an analysis of more than 5,000 children's genes, traits and developmental trajectories has shown. [\[Scientific American\]](#)
- **AI will soon be able to audit all published research – what will that mean for public trust in science?:** Science has never derived its strength from infallibility. Its credibility lies in the willingness to correct and repair. We must now demonstrate that willingness publicly, before trust is broken. [\[Nature\]](#)
- **'Landmark' study: three-person IVF leads to eight healthy children:** Long-awaited results suggest that mitochondrial donation can prevent babies from inheriting diseases caused by mutant mitochondria. [\[Nature\]](#)

CAMPUS PUBLICATIONS

Options to access full text articles: follow the DOI link; search for the PMID at [PubMed](#); or search for the journal title in our [database](#). An [OpenAthens account](#) is required for remote access. Make a [Document Delivery request](#) for items we don't have. [Get LibKey for one-click access](#).

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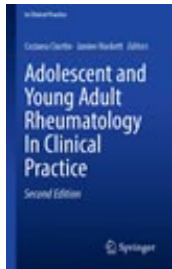
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BOOKS

[online]

[Adolescent and young adult rheumatology in clinical practice](#) / Coziana Ciurtin, and Janine Hackett, editors. 2nd ed. Springer, 2025



This concise guide takes a practical approach to adolescent and young adult (AYA) rheumatology, encompassing the needs of any healthcare professional working with young people aged 10-24 years. Each chapter contains key management points for readers to readily access disease-specific management, as well

as highlighting specific AYA issues and approaches which differ from paediatric and adult practice. It has been fully revised with the latest research and clinical findings in the field. The coverage in the book is comprehensive but concise and devised to act as a primary reference tool for adolescent and young adult practice across the field of rheumatology.

[online]

[Cerebral palsy: from childhood to adulthood](#) / Christos P. Panteliadis, editor, 4th ed. Springer, 2025

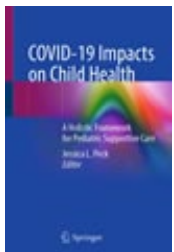


Seven years have passed since the release of the third edition. The rapidly expanding knowledge in the diagnosis and evidence-based treatment of cerebral palsy (CP), a condition resulting from foetal and early infant brain damage, characterized by lifelong disabilities with diverse clinical

presentations, has encouraged a comprehensive update to the previous edition. This new edition is enriched by the addition of chapters on antenatal factors, genetics, ultrasound, comorbidities, and long-term prognosis. It places special emphasis on the neurodevelopmental examination of the newborn, epilepsy in children and adults with CP, the transition of young adults with CP, and orthopedic care for adults with the condition.

[online]

[COVID-19 impacts on child health: a holistic framework for pediatric supportive care](#) / Jessica L. Peck, editor. Springer, 2025



This book addresses the holistic impacts of COVID-19 on child health and gives a supportive framework for interprofessional pediatric teams. The COVID-19 pandemic radically altered fundamental norms of pediatric care delivery across the service continuum.

While the public rapidly adopted an echoing narrative that children were not severely impacted by physical disease burden, growing concern emerged regarding long-term holistic health impacts

with diagnoses like myocarditis, COVID-toes, long-COVID, and other unique pediatric manifestations.

A disinfodemic erupted in the wake of wary health consumers facing an avalanche of misinformation. Universal vaccination rates plummeted in the first months of the pandemic, with full recovery to pre-pandemic coverage rates projected to be years in the future. Prominent professional organizations in conjunction with the American Academy of Pediatrics declared a national emergency in child and adolescent mental health.

This book explores a spectrum of care settings impacted: primary care, acute care, specialty care, telehealth, and institutional settings. It considers holistic health impacts with contributions analyzing elements such as developmental and behavioral health, social media, vaccine-preventable disease, abuse and neglect, children with special health needs, social risks to health, and more.

[online]

[Digital media and early child development : theoretical and empirical issues](#) / Giana Bitencourt Frizzo, editor. Springer, 2024



This book aims to contribute to this field of study by presenting new theoretical frameworks and methodological approaches to help advance research; by discussing results of empirical studies carried out with young children and their caregivers; and by proposing possible interventions to help parents and caregivers better oversee their children's digital media use.

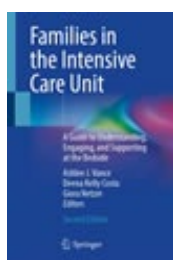
Chapters in this volume are divided into five parts. The first part discusses theoretical and methodological issues involved in the study of digital media use by young children. The second part presents empirical studies that investigate the potential impacts of digital media use in child development. The third part brings together studies analyzing digital media use and early child development during the COVID-19 pandemic. Chapters in the fourth part analyze how digital media use affects parenthood. The fifth and final part presents proposals of educational interventions to help parents and caregivers oversee their young children's digital media consumption.

This book will be of interest to different kinds of researchers and practitioners working with child, family and media studies. Researchers in the fields of developmental psychology and media studies will find innovative theoretical and methodological proposals to study how young children interact with digital media.

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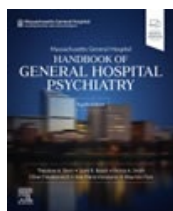
[Families in the intensive care unit: a guide to understanding, engaging, and supporting at the bedside](#) / Ashlee J. Vance, Deena Kelly Costa and Giora Netzer, editors. 2nd ed. Springer, 2025



Since the first edition's publication, the public recognition of the importance of families has increased dramatically as a consequence of the COVID-19 pandemic. Most major decisions in the intensive care unit (ICU) are shared by clinicians and someone other than the patient. Families struggle to understand prognoses, and conflicts with the care team occur frequently. This edition reflects lessons learned during the COVID pandemic response, as well as knowledge gained about family support when families cannot be at the bedside. The chapter subjects again reflect a combination of breadth and depth. Physical and psychological morbidity are explored as barriers to effective decision-making, as are cognitive challenges. The full array of the interdisciplinary and interprofessional team is represented, emphasizing the multimodal approach. This edition includes administrative considerations for health care management and approaches for training members of the health care team. Similarly, family voices are also represented. The complete trajectory of needs of care are addressed, including survivorship and end-of-life care.

[online]

[Massachusetts General Hospital Handbook of general hospital psychiatry](#) / Theodore A. Stern, 8th ed. Elsevier, 2025



Key features in this edition include the DSM-5-TR codes throughout, case studies, and practical tips on how to implement the most current and effective pharmacologic therapies as well as cognitive-behavioural approaches. New chapters included are psychiatric management of patients with pulmonary conditions, psychiatric management of patients with COVID-19 infection, behavioural and psychopharmacological management of unhealthy habits and behaviours, community psychiatry; global mental health and care of LGBTQIA+ patients are included.

The book includes strategies to enhance coping with medical conditions, resilience, adherence to treatment recommendations, and mindfulness for the practitioner. It is an ideal resource for psychiatrists, residents, and fellows, as well as interdisciplinary practitioners who support the work of consultation-liaison psychiatrists and provide independent care to medical/surgical patients with comorbid psychiatric symptoms or conditions.

[online]

[Massachusetts General Hospital Psychopharmacology and neurotherapeutics](#) / Theodore A. Stern, 2nd ed. Elsevier, 2025



This 2nd edition delivers practical, authoritative guidance on modern treatments for psychiatric and neurologic conditions. This edition focuses on psychotropic medications, electroconvulsive therapy, and neurotherapeutics, ideal for psychiatrists, psychologists, internists, and nurse practitioners. It provides up-to-date coverage of essential topics, including the use of antidepressants, antipsychotics, anxiolytics, mood stabilizers, and psychostimulants, along with guidance on managing drug interactions, side effects, treatment adherence, and evolving legal considerations in psychotropic prescribing.

It explores recent advances in neurotherapeutic interventions such as transcranial magnetic stimulation, vagal nerve stimulation, and deep brain stimulation, and introduces a new chapter on pharmacotherapy for movement disorders. It also integrates DSM-5-TR criteria and expert insights from the Massachusetts General Hospital Department of Psychiatry.

[online]

[Vestibular migraine in children and adolescents: an overview](#) / Jeyasakthy Saniasiaya, editor. Springer, 2025



This comprehensive manual provides a deep dive into vestibular migraine in children and adolescents. While vestibular migraine is widely recognised in adults, it manifests differently in young patients, requiring tailored approaches to diagnosis, assessment, and management. It explores the latest understanding of this disorder, with practical guidance for diagnostic investigations and long-term surveillance.

The book emphasises bedside examination techniques that are effective in outpatient clinics, emergency departments, and rural settings where advanced vestibular tools may not be available. With dedicated sections addressing variations in presentation and treatment for younger children versus adolescents and modifications to vestibular assessments in children, this manual offers clinicians, students, and researchers an invaluable resource for navigating this evolving field.

It concludes with insights into recent and future advances in pediatric vestibular care, providing readers with the knowledge to improve patient outcomes and deepen their expertise in pediatric vestibular disorders.