

Library Update

No.5, 2nd June, 2025

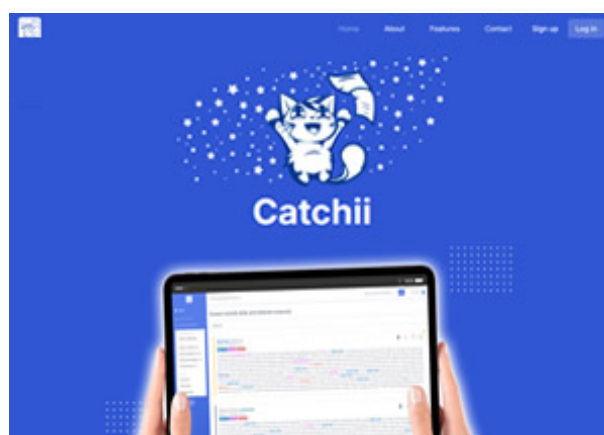
Evidence review automation tools

Catchii

[This systematic \(literature\) review \(SR\) screener](#) is designed to provide a good user experience while going through a large dataset of scientific articles.

It supports all main stages of an SR, from detecting duplicates to creating PRISMA flowcharts for the manuscript. Screening can be done on your computer, tablet, or smartphone, making it an easy way to get some work done in the office, at home or even on the plane.

Catchii aims to be a fast and user-friendly SR screener, helping you to catch all the papers you are looking for in a short time. In addition to providing all the desirable features of an SR screener, it is also completely free.



TERA (The Evidence Review Accelerator)


[This suite of free tools](#) helps you to design and conduct research faster, with an emphasis on maintaining rigorous, transparent and reproducible methods. You must create a free account then create a project before all the tools become visible.


See the [Help topics](#) for more information about each tool, or watch the [TERA workshop](#) video for an in-depth walk-through.


How TERA can fit into your workflow


Each tool is designed to help with a specific review task so you can use as many or as few as you like. Here are just a few of the tools available:





 [The Review Wizard](#): For a review, start here, and use this tool to help design and write your review methods section. Other methods wizards are the [Scoping Wizard](#) for scoping reviews, the [Trials Wizard](#) for randomised trials and the [Audit Wizard](#) for Clinical audit reports.

 [Word Frequency Analyser](#): Upload some pre-identified studies that are relevant to your project. This tool will then display the most commonly-used words or phrases that appear. Choose the relevant words for your search strategy.

 [Deduplicator](#): Upload your search results to the Deduplicator which will mark duplicate records. After reviewing the results download the deduplicated set ready to be screened.

 [Screenatron](#): Import the records you want to screen to Screenatron, then determine if the records should be included, or excluded. This tool runs locally on individual computers so each screener works individually on their own pool of studies.

 [Disputatron](#): Upload the 'include' decisions of the two reviewers who screened the same records, look at any disagreements and decide if they should be included or excluded, then download the final include set.

 [SpiderCite](#): Upload your included studies to SpiderCite to generate all forwards and backwards citations (1 level deep) of those articles.

Library Update

'Apps for mobile devices' information on Library website

Many of the online resources available to Library users include dedicated mobile apps for quick access on your phone or tablet.

However, finding a specific app and then getting it working can sometimes be a challenge, so we've got them [listed all in one place](#) along with concise, step-by-step instructions on setting them up.

Be sure to use your organisational email address when signing up for these services. Remote access will require either an [OpenAthens account](#) from the Library or a [Medical Director remote access account](#) from [Clinicians Health Channel](#).



Library Training: June 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 EndNote sessions only; all other Library training is free.

[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.

Nursing & Allied Health	Thu 26 Jun, 2:00 pm
Cochrane Library	Fri 6 Jun, 12:00 pm
EndNote Tutorial 1	Mon 23 Jun, 12:00 pm
EndNote Tutorial 2	Mon 30 Jun, 12:00 pm
Finding the Evidence	Thu 5 Jun, 12:00 pm
Introduction to the Library	Wed 18 Jun, 1:00 pm
Ovid Medline	Fri 13 Jun, 1:00 pm

Wellbeing and awareness events

June	Migraine Awareness Month
June	National Burns Awareness Month
June 1	Tourette Syndrome Awareness Week
June 1	World Haemochromatosis Week
June 2	Orthoptics Awareness Week
June 3	World Bicycle Day
June 5	World Environment day
June 6	Crazy Socks 4 Docs Day*
June 7	World Food Safety Day
June 9	Infant Mental Health Awareness Week
June 12	World Day Against Child Labour
June 14	World Blood Donor Day
June 15	Refugee Week
June 20	World Refugee Day
June 21	International Day of Yoga
June 21	Make Music Day
June 21	MND Global Day
June 22	World Rainforest Day
June 29	World Scleroderma Day
July 3	World Meerkat Day

* Crazy Socks 4 Docs Day

... was founded by consultant cardiologist Dr Geoff Toogood.

His vision is to break down the stigma around mental health issues in doctors and health professionals.

[Get the socks](#)

[Get involved](#)



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

New Cochrane Database of Systematic Reviews:

- Acupuncture for procedural pain in newborn infants. [Read more](#)
- Clinical rating scales for assessing pain in newborn infants. [Read more](#)
- Entecavir for children and adults with chronic hepatitis B. [Read more](#)
- Factors that influence caregivers' and adolescents' views and practices regarding human papillomavirus (HPV) vaccination for adolescents: a qualitative evidence synthesis. [Read more](#)
- Interventions for idiopathic steroid-resistant nephrotic syndrome in children. [Read more](#)
- Lutein and zeaxanthin for reducing morbidity and mortality in preterm infants. [Read more](#)
- Molecular assays for the diagnosis of sepsis in neonates: a diagnostic test accuracy review. [Read more](#)
- Mucolytics for children with chronic suppurative lung disease. [Read more](#)

Protocols:

- Exercise for low back pain in adolescents and children. [Read more](#)

Get help with Cochrane Library

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

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

[Contact](#) the Library

- Higher initial doses of surfactant for the prevention or treatment of respiratory distress syndrome in preterm infants. [Read more](#)
- In-hospital motor interventions to reduce neurodevelopmental impairment in preterm infants: a scoping review. [Read more](#)
- Motor interventions initiated prior hospital discharge to prevent neurodevelopmental impairment in preterm infants. [Read more](#)
- Multi-level factors affecting adolescent and youth engagement in HIV-research in low- and middle-income countries: a qualitative evidence synthesis. [Read more](#)
- Next-generation sequencing (NGS) techniques for pre-symptomatic identification of genetic diseases in newborns. [Read more](#)
- Pain and sedation management for screening or treatment of retinopathy of prematurity. [Read more](#)
- Psychological therapies for post-traumatic stress disorder in children and adolescents. [Read more](#)
- Training to increase parental participation in the care of infants in neonatal units. [Read more](#)

Defeating a virus that killed half a billion people

[The Plea](#) is a data-driven documentary that tells the story of the first vaccine and the eradication of smallpox—a modern retelling of one of humanity's greatest triumphs.

Narrated through archival footage, along with charts and graphics that put the devastation of the virus into stark perspective, this 25-minute film highlights the pivotal moments and relentless dedication of public health workers in eradicating the virus.

At the heart of the documentary is the story of how a coordinated global campaign, marked by mass vaccination, surveillance, and rapid response, achieved what many thought impossible. It underscores the challenges faced in remote and conflict-ridden regions, where health workers risked their lives to reach the last pockets of infection. It remains the first and only



human disease eradicated through public health intervention.

The documentary serves as a powerful reminder of what global cooperation, scientific rigor, and sustained political will can accomplish, and offers crucial lessons for tackling current and future health threats.

Library Update

AIHW reports: latest releases

Child protection Australia 2022–23

Consists of an initial report followed by 3 updates, each focussing on a specific area of interest in child protection systems. [Read the report.](#)

Closing the Gap targets: key findings and implications

This report presents the current state and progress over time of 14 of 17 targets endorsed in the 2020 National Agreement on Closing the Gap. [Read the report.](#)

Essential vaccines: performance report 2023-24

This report provides an assessment of state and territory performance against the benchmarks outlined in the Essential Vaccines Schedule. [Read the report.](#)

Family, domestic and sexual violence

This website brings together information from a range of sources to provide a comprehensive picture of FDSV in Australia and summarises changes in key measures over time. Content reflects data available prior to 6 January 2025. [Read the report.](#)

Hospitalisations and deaths following COVID-19, 2020–2022: a linked data analysis

This report examines hospitalisations and deaths for people with COVID-19 during the first 3 years of the pandemic in Australia, with a focus on the height of the pandemic when the Omicron subvariant of the SARS-CoV-2 virus dominated. [Read the report.](#)

National Perinatal Data Collection data availability resource

The NPDC is a national population-based dataset on pregnancy and childbirth in Australia. The NPDC data availability resource is an interactive (data visualisation) information resource detailing all the data held in the NPDC. [Read the report.](#)

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

This web report explores trends in emergency department (ED) presentations in the lower urgency categories of the Australasian College of Emergency Medicine's Australasian Triage Scale. It presents information from 2017–18 to 2022–23 by remoteness areas, socioeconomic areas, Primary Health Networks (PHNs) and Statistical Area Level 3 (SA3). [Read the report](#)

Trip database: access to Pro version discontinued

Access to the Pro version of the Trip database will be discontinued effective 14th June, 2025. After that date, access will revert to the standard version of the database.

While core functionality remains, some advanced features exclusive to Trip Pro will no longer be available. We recommend reviewing any workflows that may be affected.

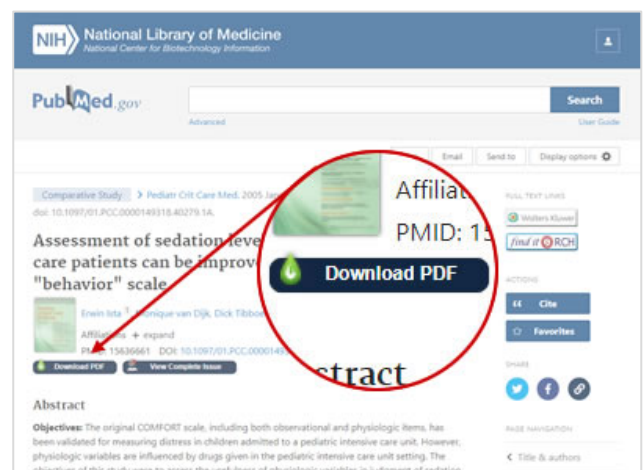
For questions or alternative solutions [contact the Library.](#)

Quick access to full text with Libkey Nomad browser extension

[LibKey Nomad](#) is a browser extension which provides PDF download links to Library-subscribed fulltext articles on many journal platforms and publisher websites.

Once installed, select *Royal Children's Hospital Melbourne* as your organisation and you're good to go. An [OpenAthens account](#) is required for remote use.

This extension works with Chrome, Edge, Firefox, Brave, and Vivaldi.

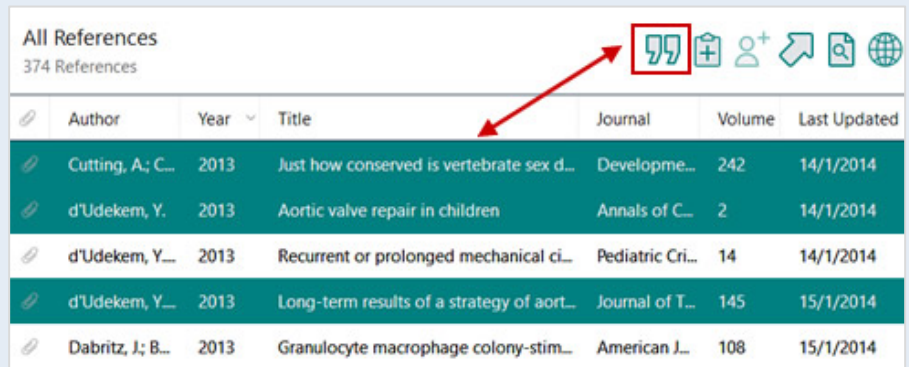


Library Update

EndNote tip: Insert multiple references

To insert more than a single source in one citation:

1. Open your Word document.
2. Place the cursor where you want the in-text citations to appear.
3. In EndNote, select the references you wish to include. Hold down Ctrl (on PC) or Command (on Mac) while selecting noncontiguous references.
4. Select the *Insert Citation* icon.



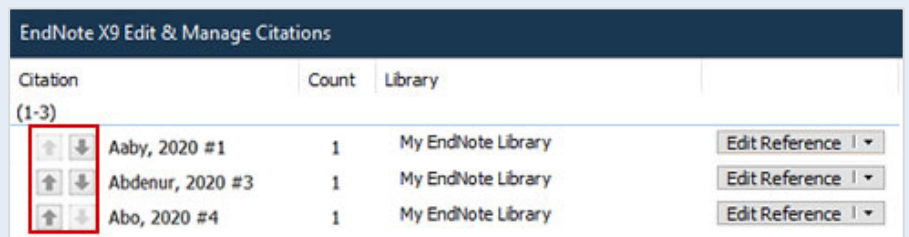
All References
374 References

Insert Citation icon highlighted with a red box and arrow.

Author	Year	Title	Journal	Volume	Last Updated
Cutting, A.; C...	2013	Just how conserved is vertebrate sex d...	Developme...	242	14/1/2014
d'Udekem, Y.	2013	Aortic valve repair in children	Annals of C...	2	14/1/2014
d'Udekem, Y...	2013	Recurrent or prolonged mechanical ci...	Pediatric Cri...	14	14/1/2014
d'Udekem, Y...	2013	Long-term results of a strategy of aort...	Journal of T...	145	15/1/2014
Dabritz, J.; B...	2013	Granulocyte macrophage colony-stim...	American J...	108	15/1/2014

To re-order the citations in Word:

1. Right click the in-text citations
2. Go to *Edit Citation(s) / More*
3. Use the arrows to move up and down.



EndNote X9 Edit & Manage Citations

Citation	Count	Library	
(1-3)			
Aaby, 2020 #1	1	My EndNote Library	Edit Reference ▾
Abdenur, 2020 #3	1	My EndNote Library	Edit Reference ▾
Abo, 2020 #4	1	My EndNote Library	Edit Reference ▾

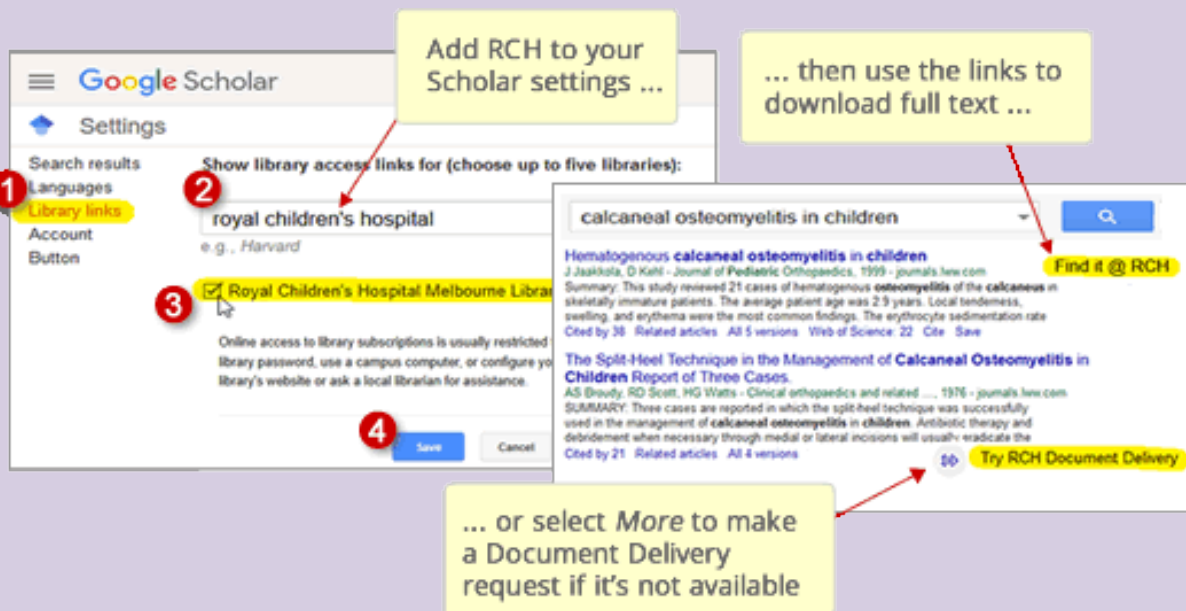
Search tip: Configure Google Scholar to access RCH Library-subscribed content

Make sure you are logged in to your Google account, go to [Google Scholar](https://scholar.google.com), then:

1. Go to Scholar settings and select *Library links*.
2. Search for *royal children's hospital*
3. Select *Royal Children's Hospital Melbourne Library – Find it @ RCH*
4. Save your settings.

Your Google Scholar searches will now show *Find it @ RCH* for articles you can access immediately. Remote access requires an [OpenAthens](https://openathens.org) login.

For articles that are not immediately available, select *More / Try RCH Document Delivery* and we will source the article for you using our [Document Delivery](#) service.



Add RCH to your Scholar settings ...

... then use the links to download full text ...

Find it @ RCH

Try RCH Document Delivery

... or select More to make a Document Delivery request if it's not available

1. Settings

2. Library links

3. Search results

4. Save

Search results for: **royal children's hospital**

1. **royal children's hospital**

2. **Royal Children's Hospital Melbourne Library – Find it @ RCH**

3. **Find it @ RCH**

4. **Try RCH Document Delivery**

Health and Science News

Take *Nature's* AI research test: find out how your ethics compare: What's your view on using AI for peer review and for writing research papers? [\[Nature\]](#)



- **Have we got the appendix all wrong? – podcast (15 minutes):** Hear how the appendix is linked to both our immune system development and gut health, and why an increasing interest in the microbiome may bring it to greater prominence. [\[The Guardian\]](#)
- **RSV wasn't as hard on U.S. babies last winter. This may be why:** It was the first RSV season a maternal vaccine and a monoclonal antibody were widely available. [\[Science News\]](#)
- **From birth to gene-edited in 6 months: Custom therapy breaks speed limits:** The N-of-1 accomplishment provides a template for swift, personalized genetic therapies. [\[Ars Technica\]](#)
- **World's first personalized CRISPR therapy given to baby with genetic disease:** It's an ambitious approach that researchers hope will inspire others to harness CRISPR to treat ultra-rare genetic diseases. [\[Nature\]](#)
- **World first: ultra-powerful CRISPR treatment trialed in a person:** Immune-cell function improved in a teenager whose DNA was altered using prime editing. [\[Nature\]](#)
- **How climate change will burden our children: data reveal a lifetime of extreme heat:** Young people will be exposed to a number of heatwaves that no one would have experienced in pre-industrial times. [\[Nature\]](#)
- **Essay: The entangled brain:** The brain is much less like a machine than it is like the murmurations of a flock of starlings or an orchestral symphony. [\[Aeon\]](#)
- **"Damning statistics" from almost 1500 WA junior doctors:** 30% reported experiencing bullying, discrimination or sexual harassment; 44% reported witnessing bullying, discrimination or sexual harassment; and 34% reported fearing negative consequences from reporting inappropriate behaviour. [\[Hospital Health\]](#)
- **'Inverse vaccines': the promise of a 'holy grail' treatment for autoimmune diseases:** researchers are developing a new approach that targets only the specific part of the immune system that's gone rogue. [\[The Guardian\]](#)
- **Science sleuths flag hundreds of papers that use AI without disclosing it:** Telltale signs of chatbot use are scattered through the scholarly literature — and, in some cases, have disappeared without a trace. [\[Nature\]](#)
- **And the winner of this year's 'Dance Your Ph.D.' contest is ...** Sulo Roukka, University of Helsinki, "Insights into oral chemesthetic perception: A focus on food-related behavior". [\[YouTube\]](#)
- **Think your washing machine disinfects your clothes? You may have to think again:** Healthcare workers who wash their uniforms at home may be unknowingly contributing to the spread of antibiotic-resistant infections in hospitals. [\[Scimex\]](#)
- **Australia's childhood vaccination rates are declining, sparking fears about risk to herd immunity:** The numbers have put Australia's vaccination program back to levels not seen since 2014. [\[ABC\]](#)
- **COVID vaccine works faster with both doses in the same arm:** Quick immune responses could be key to establishing herd immunity in future pandemics. [\[Nature\]](#)
- **How 3D printing is personalizing health care:** 3D-printed prosthetic hands are specifically designed for children, made with lightweight materials and adaptable control systems. [\[Ars Technica\]](#)

Can AI teach medicine?: Despite its limitations AI has valuable applications in medical education, particularly in providing real time feedback and reinforcing pattern recognition. [\[BMJ\]](#)



Image: AI-generated

- **Large language models' capabilities in responding to tuberculosis medical questions: testing ChatGPT, Gemini, and Copilot:** The failure to acknowledge uncertainties, the lack of information generation dates, and inadequate citation of credible sources, highlights the need for further development and enhancement of these technologies. [\[Nature\]](#)
- **Blood test developed that could speed up diagnosis of rare diseases in babies:** The new approach means effects of many genetic mutations can be analysed at once and yield results in days. [\[The Guardian\]](#)

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](#).

Agbaje, A.O., Zachariah, J.P., Barker, A.R., Williams, C.A., Vlachopoulos, D., Saner, C. and Tuomainen, T.P. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Persistent hyperglycemia and insulin resistance with the risk of worsening cardiac damage in adolescents: a 7-year longitudinal study of the ALSPAC birth cohort', *Diabetes Care* 2025; Apr 29 [Epub ahead of print] [PMID: 40294628] <https://dx.doi.org/10.2337/dc24-2459>

Akbarzadeh, S., Arellano, C., Banakh, I., Rahman, M.M., Lo, C.H., Teague, W., Bertinetti, M. and Cleland, H. [Surgical Research, Murdoch Children's Research Institute; Paediatric Intensive Care Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'A novel engineered skin heals full thickness burn wounds: a case report', *Cytotherapy* 2025; vol.27(5 Suppl.), pp.S31 <https://dx.doi.org/10.1016/j.jcyt.2025.03.048>

Al Qureshah, F., et al. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'A common form of dominant human IFNAR1 deficiency impairs IFN-alpha and -omega but not IFN-beta-dependent immunity', *Journal of Experimental Medicine* 2025; vol.222(2), article no. e20241413 [PMID: 39680367] <https://dx.doi.org/10.1084/jem.20241413>

Anderson, K.J., et al. [Victorian Clinical Genetics Services, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Androgens mediate sexual dimorphism in Pilarowski-Bjornsson syndrome', *medRxiv* 2025; May 7 [Epub ahead of print] [PMID: 40385454] <https://dx.doi.org/10.1101/2025.05.06.25326635>

Angelliaume, A., Harper, L., Bouty, A., Bouteiller, C., Deleplanque, B., Ravel, M., Le Hanneur, M., Narayanan, U.G., Ferdynus, C. and Pfirrmann, C. [Department of Paediatric Surgery, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Validation of the French version of the Caregivers' Priorities and Child Health Index of Life with Disabilities questionnaire', *Orthopaedics and Traumatology: Surgery and Research* 2025; vol.111(3), article no. 103753 [PMID: 37979675] <https://dx.doi.org/10.1016/j.otsr.2023.103753>

Awoke, M.A., Scully, M., Alexander, K., McCann, J., McAleese, A., Rhodes, A., Martin, J., Schmidtke, A. and Dixon, H. [Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Parents' perceptions of claims on packaged commercial toddler foods: a qualitative study', *Maternal and Child Nutrition* 2025; Apr 22 [Epub ahead of print] [PMID: 40260773] <https://dx.doi.org/10.1111/mcn.70032>

Axford, S.B., Burnett, A.C., Seid, A.M., Anderson, P.J., Waterland, J.L., Gilchrist, C.P., Olsen, J.E., Nguyen, T.N., Doyle, L.W. and Cheong, J.L.Y. [Department of Paediatrics, University of Melbourne; Clinical Sciences, Murdoch Children's Research Institute; Department of Neonatal Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Risk factor effects on neurodevelopment at 2 years in very preterm children: a systematic review', *Pediatrics* 2025; May 15 [Epub ahead of print] [PMID: 40368397] <https://dx.doi.org/10.1542/peds.2024-069565>

Bakhtary, M., Sharma, P., Raspin, S., Vemuri, S. and McCarthy, M. [Victorian Paediatric Palliative Care Program, Royal Children's Hospital; Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Palliative care for children and adolescents with non-curative brain tumors: a scoping review', *Journal of Palliative Medicine* 2025; Apr 28 [Epub ahead of print] [PMID: 40293742] <https://dx.doi.org/10.1089/jpm.2024.0203>

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Batterham, P.J., Gendi, M., Calear, A.L., Shand, F., Sunderland, M., Borschmann, R., O'Dea, B., Butterworth, P., Larsen, M., Heffernan, C., Kazan, D., Werner-Seidler, A., Hielscher, E., Han, J., Leach, L. and Farrer, L.M. [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The LifeTrack Project: baseline cohort characteristics and psychosocial factors associated with duration of suicidal ideation and prior suicide attempt', *Psychiatry Research Communications* 2025; vol.5(2), article no. 100210 <https://dx.doi.org/10.1016/j.psycom.2025.100210>

Blazev, R., Zee, B.M., Peckham, H., Ng, Y.K., Lewis, C.T.A., Zhang, C., McNamara, J.W., Goodman, C.A., Gregorevic, P., Ochala, J., Steyn, F.J., Ngo, S.T., Stokes, M.P. and Parker, B.L. [Novo Nordisk Foundation Center for Stem Cell Medicine, Murdoch Children's Research Institute; Melbourne Centre for Cardiovascular Genomics and Regenerative Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Site-specific quantification of the in vivo UFMylome reveals myosin modification in ALS', *Cell Reports Methods* 2025; May 2 [Epub ahead of print] [PMID: 40347946] <https://dx.doi.org/10.1016/j.crmeth.2025.101048>

Bordukova, M., Arneth, A.J., Makarov, N., Brown, R.M., Schneider-Futschik, E.K., Dharmage, S.C., Ekinci, E., Crack, P.J., Hatters, D.M., Stewart, A.G., Stroud, D., Sadras, T., Anderson, G.P., Schmich, F., Rodriguez-Esteban, R. and Menden, M.P. [Murdoch Children's Research Institute; Victorian Clinical Genetics Services, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Generative AI and digital twins: shaping a paradigm shift from precision to truly personalized medicine', *Expert Opinion on Drug Discovery* 2025; May 23 [Epub ahead of print] [PMID: 40375366] <https://dx.doi.org/10.1080/17460441.2025.2507376>

Bradfield, O. and Mahar, P. [Department of Dermatology and Burns Unit, Trauma Service, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Is AI A-OK? Medicolegal considerations for general practitioners using AI scribes', *Australian Journal of General Practice* 2025; vol.54(5), pp.304-310 [PMID: 40320810] <https://dx.doi.org/10.31128/ajgp-10-24-7438>

Britto, M., Bakare, A.A., Graham, H. and King, C. [Melbourne Children's Global Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Patient and caregiver perceptions of oxygen therapy in facility-based settings for acute hypoxemic conditions: a scoping review', *Journal of Global Health* 2025; vol.15, article no. 04084 [PMID: 40276901] <https://dx.doi.org/10.7189/jogh.15.04084>

Cai, T., Choo, S., Harrison, A., Coverdale, K., Hearps, S., Karlaftis, V., Monagle, P., Ignjatovic, V. and Hsiao, K.C. [Haematology, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Continuous reference intervals for total serum immunoglobulin E in neonates and children', *Pathology* 2025; [Epub ahead of print] <https://dx.doi.org/10.1016/j.pathol.2025.01.008>

Cameron, L., Mikocka-Walus, A., Stanley, K., Payne, L.A., Druitt, M., Grover, S. and Evans, S. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The relationship between menstrual pain in adolescence and mental health in adolescence and early adulthood', *Journal of Psychosomatic Research* 2025; vol.192, article no. 112122 [PMID: 40239617] <https://dx.doi.org/10.1016/j.jpsychores.2025.112122>

Campbell, D.E., Mehr, S., Moscatelli, O.G., Anderson, R.P. and Tye-Din, J.A. [National Allergy Centre of Excellence, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Immune therapies in coeliac disease and food allergies: advances, challenges, and opportunities', *Seminars in Immunology* 2025; vol.78, article no. 101960 [PMID: 40273881] <https://dx.doi.org/10.1016/j.smim.2025.101960>

Carey, J.J., Spittle, A., Imms, C., Shields, N., Wallen, M., O'Keefe, F., Yates, M.J., Skilbeck, H. and Toovey, R. [Murdoch Children's Research Institute; Department

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of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Adapting experience-based co-design to disability research: co-producing the CycLink Co-design Study', *Health Expectations* 2025; vol.28(3), article no. e70276 [PMID: 40296433] <https://dx.doi.org/10.1111/hex.70276>

Chai, P., Konstantinov, I.E., da Fonseca da Silva, L., Qureshi, M., Wackel, P., Knott-Craig, C., Connolly, H., Walsh, E., Singh, H., Nelson, J., Yoo, S.J., Brizard, C., Bacha, E., Nido, P.D., Starnes, V., Pedro da Silva, J. and Dearani, J. [Department of Cardiothoracic Surgery, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Heart Research Group, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'The American Association for Thoracic Surgery (AATS) 2025 expert consensus document: management of Ebstein anomaly in children and adults', *Journal of Thoracic and Cardiovascular Surgery* 2025; Apr 29 [Epub ahead of print] [PMID: 40317284] <https://dx.doi.org/10.1016/j.jtcvs.2025.03.014>

Chamberland, M., Yang, J.Y. and Aydogan, D.B. [Department of Neurosurgery, Neuroscience Advanced Clinical Imaging Service (NACIS), Royal Children's Hospital; Neuroscience Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Real-time tractography: computation and visualization', *Brain Structure and Function* 2025; vol.230(5), article no. 62 [PMID: 40328906] <https://dx.doi.org/10.1007/s00429-025-02928-2>

Cheah, S., Lowe, A.J., Afshar, N., Bassett, J.K., Bruinsma, F.J., Cozen, W., Harrison, S.J., Hopper, J.L., Jayasekara, H., Prince, H.M., Vajdic, C.M., Doo, N.W., Giles, G.G., Dharmage, S.C. and Milne, R.L. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Allergic disease and risk of multiple myeloma: a case-control study', *Cancer Epidemiology* 2025; vol.97, article no. 102839 [PMID: 40378505] <https://dx.doi.org/10.1016/j.canep.2025.102839>

Chinsen, A., Berg, A., Nielsen, S., Trewella, K., Cronin, T.J., Pace, C.C., Pang, K.C. and Tollit, M.A. [Clinical Sciences, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Adolescent Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Co-design methodologies to develop mental health interventions with young people: a systematic review', *Lancet Child and Adolescent Health* 2025; vol.9(6), pp.413-425 [PMID: 40311649] <https://dx.doi.org/10.1016/S2352-4642%2825%2900063-X>

Chong, S.T., Yang, J.Y.M. and Lin, C.P. [Department of Neurosurgery, Neuroscience Advanced Clinical Imaging Service (NACIS), Royal Children's Hospital; Neuroscience Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Understanding tractography in edematous brain regions: challenges and solutions', *Brain Structure and Function* 2025; vol.230(5), article no. 64 [PMID: 40343560] <https://dx.doi.org/10.1007/s00429-025-02925-5>

Clark, D.B.A., Metzger, D.L., Pang, K.C., St Amand, C. and Khatchadourian, K. [Clinical Sciences Theme, Murdoch Children's Research Institute; Department of Adolescent Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Individualized and innovative gender healthcare for transgender and nonbinary youth', *Nature Reviews. Endocrinology* 2025; May 7 [Epub ahead of print] [PMID: 40335737] <https://dx.doi.org/10.1038/s41574-025-01113-z>

Cleary, S.L., Morgan, P.E., Wallen, M., Honan, I., Shields, N., Munzel, F.E., Plummer, J.R., Assaad, C., Karlsson, P., Culnane, E., Ding, J.Y., Holmes, C., Dutia, I.M., Reddihough, D.S. and Imms, C. [Neurodisability & Rehabilitation, NHMRC Centre for Research Excellence, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Transition Support Service, Neurodevelopment & Disability, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.],

Library Update

'Experiences of participation in daily life of adolescents and young adults with cerebral palsy: a scoping review', *Developmental Medicine and Child Neurology* 2025; vol.67(5), pp.572-590 [PMID: 39673293] <https://dx.doi.org/10.1111/dmcn.16196>

Cocks, R.M., Mooney, S.S. and Grover, S.R. [Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Levonorgestrel-releasing intrauterine device: an effective treatment for symptoms of persistent pelvic pain', *Australian and New Zealand Journal of Obstetrics and Gynaecology* 2025; May 2 [Epub ahead of print] [PMID: 40317543] <https://dx.doi.org/10.1111/ajo.70042>

Collyer, T.A., Liu, M., Beare, R., Andrew, N.E., Ung, D., Carver, A., Ilomaki, J., Bell, J.S., Thrift, A.G., Rocca, W.A., St Sauver, J.L., Lu, A., Sioström, K., Moran, C., Roberts, H., Chong, T.T., Murray, A., Ravipati, T., O'Bree, B. and Srikanth, V.K. [Developmental Imaging, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Dual-stream algorithms for dementia detection: harnessing structured and unstructured electronic health record data, a novel approach to prevalence estimation', *Alzheimer's and Dementia* 2025; vol.21(5), article no. e70132 [PMID: 40325920] <https://dx.doi.org/10.1002/alz.70132>

Conyers, R., Stenta, T., Somogyi, A.A., Kirkpatrick, C., Halman, A., Wang, S., Moore, C., Khatri, D., Williams, E., Dyas, R., Spelman, T., Elliott, D.A., Gwee, A. and Alexander, M. [Cancer Therapies Group, Antimicrobials Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Children's Cancer Centre, Infectious Disease Department, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Phenoconversion of CYP3A4, CYP2C19 and CYP2D6 in pediatrics, adolescents and young adults with lymphoma: rationale and design of the PEGASUS study', *Clinical and Translational Science* 2025; vol.18(4), article no. e70209 [PMID: 40259519] <https://dx.doi.org/10.1111/cts.70209>

Cook, B., Tandanu, E., Rehman, U., Whiteman, E., Osunronbi, T., Mukhtar, G., Kungwengwe, G., Sarwar, M.S., Arab, S., Chhatwal, K., Ellis, R., Romain, K., Khan, A., Ezzat, A., Wormald, J., Adigbli, G., Khatib, M., Filson, S., Cavale, N. and Brennan, P.A. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Medical Students' Insight into Foundation Training (MEDSIFT): a national cross-sectional online survey reveals close to 50% are considering a career outside the NHS', *Postgraduate Medical Journal* 2025; May 19 [Epub ahead of print] [PMID: 40384523] <https://dx.doi.org/10.1093/postmj/qgaf071>

Coulston, F., Lynch, F. and Vears, D.F. [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Collaborative coding in inductive content analysis: why, when, and how to do it', *Journal of Genetic Counseling* 2025; vol.34(3), article no. e70030 [PMID: 40305144] <https://dx.doi.org/10.1002/jgc4.70030>

Cuomo, A.S.E., Spenceley, E., Tanudisastro, H.A., Bowen, B., Henry, A., Huang, H.L., Xue, A., Zhou, W., Welland, M.J., Lee, A.S., Wing, K., Tang, O., Gray, M.P., Franklin, M., Harper, M., Silk, M., Bobowik, K., Stuckey, A., Marshall, J., Bakiris, V., Uren, C., Madala, B.S., Minitier, A., Bartie, C., Neavin, D.R., Qiao, Z., Ben-David, E., Chen, L., Farh, K.K.H., Grieve, S.M., Nguyen, T., Piscione, J., Siggs, O.M., Nicholas, H., de Lange, K.M., Hewitt, A.H., Figtree, G.A., MacArthur, D.G. and Powell, J.E. [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Impact of rare and common genetic variation on cell type-specific gene expression', *medRxiv* 2025; [Epub ahead of print] <https://dx.doi.org/10.1101/2025.03.20.25324352>

Dabscheck, G. and Fearn, N.D. [Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'The fog of wards', *Journal of Paediatrics and Child Health* 2025; [Epub ahead of print] [PMID: 40322980] <https://dx.doi.org/10.1111/jpc.70075>

Dashti, S.G. and Moreno-Betancur, M. [Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; Department of Paediatrics, University

Library Update

of Melbourne, Parkville, Vic., Australia.], 'Invited commentary: Descriptive social epidemiology: putting the question before the methods', *American Journal of Epidemiology* 2025; Apr 29 [Epub ahead of print] [PMID: 40302109]
<https://dx.doi.org/10.1093/aje/kwaf090>

Davidson, Z.E., Vidmar, S., Griffiths, A., Howard, M.E., Berlowitz, D.J., Jones, E.F., Scully, T., Treanor, D., Singh, B., Prior, D., Frost, M.G., Forbes, R., Billich, N., Adams, J., Carroll, K., Al Lawati, T., Bourne, H., Kornberg, A.J., Ryan, M.M., Woodcock, I.R., Yiu, E.M. and Cheung, M.M.H. [Neuroscience Research, Clinical Epidemiology and Biostatistics Unit, Respiratory Research, Heart Research, Murdoch Children's Research Institute; Neurology Department, Department of Respiratory and Sleep Medicine, Cardiology Department, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Survival in Duchenne muscular dystrophy in Australia: a 50 year retrospective cohort study', *Lancet Regional Health - Western Pacific* 2025; vol.58, article no. 101568
<https://dx.doi.org/10.1016/j.lanwpc.2025.101568>

Dawes, K., Smart, J., Ruethers, T., Lopata, A.L., Alhucema, P., Campbell, D.E., Ainsworth, J., Simpson, B., Baldwin, S., Mahoney, G., Baumgratner, J. and Mehr, S. [Department of Allergy & Immunology, Royal Children's Hospital; Centre for Food and Allergy Research, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Gummy shark is tolerated by children with IgE-mediated fish allergy', *Journal of Allergy and Clinical Immunology. In Practice* 2025; May 12 [Epub ahead of print] [PMID: 40368247] <https://dx.doi.org/10.1016/j.jaip.2025.05.011>

Dawson-McClaren, B., Martyn, M., Ince, J., Jan, A., Brown, N.J., Fahey, M.C., Crellin, E. and Gaff, C. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Opportunities and challenges for paediatricians requesting funded genomic tests for children', *European Journal of Human Genetics* 2025; May 7 [Epub ahead of print] [PMID: 40335663]
<https://dx.doi.org/10.1038/s41431-025-01864-3>

de Crombrughe, G., Armitage, E.P., Keeley, A.J., Senghore, E., Camara, F., Jammeh, M., Bittaye, A., Ceesay, H., Ceesay, I., Samateh, B., Manneh, M., Botquin, G., Lakhoulfi, D., Delforge, V., Bah, S.Y., Hall, J.N., Schiavolin, L., Turner, C.E., Marks, M., de Silva, T.I., Botteaux, A. and Smeesters, P.R. [Tropical Diseases Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Household molecular epidemiology of *Streptococcus pyogenes* carriage and infection in The Gambia', *medRxiv* 2025; [Epub ahead of print] <https://dx.doi.org/10.1101/2025.03.28.25324710>

de Crombrughe, G., Schiavolin, L., Osowicki, J., Steer, A.C., Botteaux, A. and Smeesters, P.R. [Tropical Diseases Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Infectious Diseases, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'M1 and done? Global assessment of the invasive potential of group A streptococcal strains', *Lancet Microbe* 2025; May 3 [Epub ahead of print] [PMID: 40328277] <https://dx.doi.org/10.1016/j.lanmic.2025.101123>

De Jonghe, J., Kim, H.C., Adedeji, A., Leitão, E., Dawes, R., Chen, Y., Blakes, A.J., Simons, C., Rius, R., Alvi, J.R., Amblard, F., Austin-Tse, C., Baer, S., Balton, E.V., Blanc, P., Calame, D.G., Coutton, C., Cunningham, C.A., Dargie, N., Dipple, K.M., Du, H., El Chehadeh, S., Glass, I., Gleeson, J.G., Grunewald, O., Gueguen, P., Harbuz, R., Jacquemont, M.L., Leventer, R.J., Marijon, P., Messaoud, O., Sultan, T., Thauvin, C., Vincent-Delorme, C., Gulec, E.Y., Thevenon, J., Mendez, R., MacArthur, D.G., Depienne, C., Nava, C., Whiffin, N. and Findlay, G.M. [Centre for Population Genomics, Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Saturation genome editing of RNU4-2 reveals distinct dominant and recessive neurodevelopmental disorders', *medRxiv*

Library Update

2025; Apr 10 [Epub ahead of print] [PMID: 40297424]

<https://dx.doi.org/10.1101/2025.04.08.25325442>

Docking, K.M., Hodges, R., Campbell, L., Chami, S., Knijnik, S.R., Campbell, E., Paquier, P., Dalla-Pozza, L., Wakefield, C.E., Waugh, M.C., Messina, M. and Morgan, A.T.

[Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Clinical practice guideline for the management of communication and swallowing in children diagnosed with childhood brain tumor or leukemia', *Pediatric Blood and Cancer* 2025; May 6 [Epub ahead of print] [PMID: 40329445] <https://dx.doi.org/10.1002/pbc.31749>

Dong, X., Edwards, S., Deng, Y.M., Dapat, C., Hirankitti, A., Wordsworth, R., Whitney, P., Baird, R., Freeman, K., Daley, A. and Barr, I. [Department of Microbiology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'An improved rapid and sensitive long amplicon method for nanopore-based RSV whole-genome sequencing', *Influenza and Other Respiratory Viruses* 2025; vol.19(5), article no. e70106 [PMID: 40296507] <https://dx.doi.org/10.1111/irv.70106>

Dubois, J., Grotheer, M., Yang, J.Y.M., Tournier, J.D., Beaulieu, C. and Lebel, C.

[Department of Neurosurgery, Neuroscience Advanced Clinical Imaging Service (NACIS), Royal Children's Hospital; Neuroscience Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Small brains but big challenges: white matter tractography in early life samples', *Brain Structure and Function* 2025; vol.230(4), article no. 58 [PMID: 40293528] <https://dx.doi.org/10.1007/s00429-025-02922-8>

Dubot-Pérès, A., Lee, S.J., Dance, D.A.B., Satzke, C., Moore, K., Pell, C.L., Ortika, B.D., Nation, M.L., Dunne, E.M., Vilivong, K., Bounkhoun, T., Phommachan, S., Lim, R., Lai, J., Morpeth, M., Mayxay, M., de Lamballerie, X., Newton, P.N. and Russell, F.M. [Department of Paediatrics, University of Melbourne; Infection, Immunity and Global Health, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Pneumococcal density and respiratory co-detection in severe pediatric pneumonia in Laos', *Scientific Reports* 2025; vol.15(1), article no. 17708 [PMID: 40399319] <https://dx.doi.org/10.1038/s41598-025-01659-y>

Eikelboom, W.S., van den Berg, E., Beauchamp, M.H., Bray, K.O., Kumfor, F., MacPherson, S.E., McDonald, S., Spikman, J.M. and Kessels, R.P.C. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Providing a taxonomy for social cognition: how to bridge the gap between expert opinion, empirical data, and theoretical models', *Journal of Psychiatry & Neuroscience* 2025; vol.50(3), pp.E157-E161 [PMID: 40341224] <https://dx.doi.org/10.1503/jpn.240156>

Farquhar, R.J., Kerry, Z., Mohamed, Y., Morgan, C., Dori, A., McEwen, S., Timbi, D., Porau, W., Tefuarani, N., Pomat, W., Makita, L., Laman, M. and Robinson, L.J. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Baseline assessment of front-line health system capacity in vector-borne disease surveillance and response in Papua New Guinea', *PLOS Global Public Health* 2025; vol.5(4), article no. e0004108 [PMID: 40305556] <https://dx.doi.org/10.1371/journal.pgph.0004108>

Fehlberg, Z., Klaic, M., Croy, S. and Best, S. [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Narrowing the health equity gap. How can implementation science proactively facilitate the cultural adaptation of public health innovations?', *Bundesgesundheitsblatt* 2025; May 21 [Epub ahead of print] [PMID: 40397105] <https://dx.doi.org/10.1007/s00103-025-04057-x>

Fincher, S.H. and Butt, W. [Cardiology Department, Royal Children's Hospital; Clinical Sciences, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Red blood cell transfusion in veno-arterial extracorporeal membrane oxygenation - the disconnect between oxygen delivery and tissue oxygenation',

Library Update

Perfusion 2025; vol.40(1 Suppl.), pp.15S-28S [PMID: 40263905]

<https://dx.doi.org/10.1177/02676591241239569>

Florin, T.A., Tancredi, D.J., Ambroggio, L., Babl, F.E., Dalziel, S.R., Eckerle, M., Mintegi, S., Neuman, M.I., Plint, A.C., Simon, N.J. and Kuppermann, N. [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute; Emergency Department, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Predicting paediatric pneumonia severity in the emergency department: a multinational prospective cohort study of the Pediatric Emergency Research Network', *Lancet Child and Adolescent Health* 2025; vol.9(6), pp.383-392 [PMID: 40379430] <https://dx.doi.org/10.1016/S2352-4642%2825%2900094-X>

Foley, D.A. and Phuong, L.K. [Royal Children's Hospital; Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'RSV: an update on prevention and management', *Australian Prescriber* 2025; vol.48(2), pp.34-39 [PMID: 40343137] <https://dx.doi.org/10.18773/austprescr.2025.018>

Ford, C., de Sena-Tomas, C., Wun, T.T.R., Aleman, A.G., Rangaswamy, U., Leyhr, J., Nunez, M.I., Gao, C.Z., Nim, H.T., See, M., Coppola, U., Waxman, J.S., Ramialison, M., Haitina, T., Smeeton, J., Sanges, R. and Targoff, K.L. [Novo Nordisk Foundation Center for Stem Cell Medicine & Stem Cell Biology, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Nkx2.7 is a conserved regulator of craniofacial development', *Nature Communications* 2025; vol.16(1), article no. 3802 [PMID: 40268889] <https://dx.doi.org/10.1038/s41467-025-58821-3>

Galimberti, M., Nucera, M.R., Bocchi, V.D., Conforti, P., Vezzoli, E., Cereda, M., Maffezzini, C., Iennaco, R., Scolz, A., Falqui, A., Cordiglieri, C., Cremona, M., Espuny-Camacho, I., Faedo, A., Felsenfeld, D.P., Vogt, T.F., Ranzani, V., Zuccato, C., Besusso, D. and Cattaneo, E. [Stem Cell Biology Department; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Author correction: Huntington's disease cellular phenotypes are rescued non-cell autonomously by healthy cells in mosaic telencephalic organoids', *Nature Communications* 2025; vol.16(1), article no. 4723 [PMID: 40399310] <https://dx.doi.org/10.1038/s41467-025-60108-6>

Goswami, S., et al. [Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Hyperglycemia and kidney outcomes in critically ill children and young adults on continuous kidney replacement therapy', *Pediatric Nephrology* 2025; [Epub ahead of print] [PMID: 40272476] <https://dx.doi.org/10.1007/s00467-025-06777-3>

Goyen, T.A., Jani, P.R., Skelton, H., Pussell, K., Manley, B. and Tarnow-Mordi, W. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Does midline head positioning decrease intraventricular hemorrhage or is it futile? Without a definitive trial, we will never know', *World Journal of Pediatrics* 2025; May 22 [Epub ahead of print] [PMID: 40399740] <https://dx.doi.org/10.1007/s12519-025-00922-6>

Graham, S.M., Zawedde-Muyanja, S., Palmer, M. and Dlodlo, R.A. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Decentralising TB services for children: quality of care is fundamental', *IJTLD Open* 2025; vol.2(5), pp.245-247 [PMID: 40365029] <https://dx.doi.org/10.5588/ijtldopen.24.0652>

Greenwood, C.J., Letcher, P., Macdonald, J.A., Hutchinson, D.M., Youssef, G.J., Toubourou, J.W., Spry, E., Sanson, A., Cleary, J. and Olsson, C.A. [Centre for Adolescent Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Illicit substance use and harm in young adulthood: the role of substance use in close relationships and individual social skills', *International*

Library Update

Journal of Mental Health and Addiction 2025; vol.23(2), pp.1503-1517 [PMID: 40313711]

<https://dx.doi.org/10.1007/s11469-023-01181-0>

Guzman, S.G., Ruggiero, S.M., Ganesan, S., Ellis, C.A., Harrison, A.G., Sullivan, K.R., Stark, Z., Brown, N.J., Kana, S.L., Tuttle, A., Tenorio, J., Lapunzina, P., Nevado, J., McDonald, M.T., Jensen, C., Wheeler, P.G., Stange, L., Morrison, J., Keren, B., Heide, S., Keating, M.W., Butler, K.M., Lyons, M.A., Jain, S., Yeganeh, M., Thompson, M.L., Schroeder, M., Nguyen, H., Granadillo, J., Johnston, K.M., Murali, C.N., Bosanko, K., Burrow, T.A., Morgan, S., Watson, D.J., Hakonarson, H. and Helbig, I. [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Variants in BSN, encoding the presynaptic protein Bassoon, result in a distinct neurodevelopmental disorder with a broad phenotypic range', *American Journal of Human Genetics* 2025; May 16 [Epub ahead of print] [PMID: 40393460]
<https://dx.doi.org/10.1016/j.ajhg.2025.04.011>

Hall, G. [Children's Bioethics Centre, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Why nonidentity is not a problem: Parfitian defence of clinicians refusing to provide assisted reproductive technologies', *Journal of Medicine and Philosophy* 2025; May 4 [Epub ahead of print] [PMID: 40319469]
<https://dx.doi.org/10.1093/jmp/jhaf010>

Hasan, T., Thu Anh, N., Binh Hoa, N., Viet Nhung, N., Yapa, H.M., Graham, S.M., Marais, B.J., Marks, G.B., Lung, T. and Fox, G.J. [Melbourne Children's Global Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Evaluating the cost-effectiveness of levofloxacin therapy for household contacts of multidrug-resistant tuberculosis in Vietnam', *SSRN* 2025; [Epub ahead of print]
<https://dx.doi.org/10.2139/ssrn.5209464>

Haydon, M.D., Hwang, A.E., Wade, N.B., Wang, J., Wan, J.Y., Epeldegui, M., Guo, Y., Buchanan, L., Lam, E., Magpantay, L., Li, S., Calais-Ferreira, L., Milam, J., Martinez-Maza, O., Mack, T.M., Hopper, J., Conti, D.V. and Cozen, W. [Centre for Adolescent Health, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Adverse late outcomes in long-term survivors of young adult Hodgkin lymphoma (YAML) compared to their unaffected co-twins', *Leukemia and Lymphoma* 2025; [Epub ahead of print] [PMID: 40311655]
<https://dx.doi.org/10.1080/10428194.2025.2476664>

He, Y., et al. [Developmental Imaging, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Profiling brain morphology for autism spectrum disorder with two cross-culture large-scale consortia', *bioRxiv* 2025; [Epub ahead of print]
<https://dx.doi.org/10.1101/2025.02.24.639771>

Hespe, S., Singer, E.S., Reuter, C., Murray, B., Jordan, E., Chowns, J., Peters, S., Mayers, M., Gray, B., Hershberger, R.E., Owens, A., Semsarian, C., Waddell, A., Asatryan, B., Owens, E., Thaxton, C., Adduru, M.L., Anderson, K., Brown, E.E., Hoffman-Andrews, L., Stafford, F., Bagnall, R.D., Bronicki, L., Callewaert, B., Chahal, C.A.A., James, C.A., Jarinova, O., Landstrom, A.P., McNally, E.M., Muiño-Mosquera, L., Parikh, V., Walsh, R., Wayburn, B., Ware, J.S., Parker, B.L., Porrello, E.R., Elliott, D.A., McNamara, J.W. and Ingles, J. [Murdoch Children's Research Institute; Melbourne Center for Cardiovascular Genomics and Regenerative Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Clinical validity of autosomal dominant ALPK3 loss-of-function variants as a cause of hypertrophic cardiomyopathy', *Circulation. Genomic and Precision Medicine* 2025; Apr 21 [Epub ahead of print] [PMID: 40255155] <https://dx.doi.org/10.1161/circgen.124.004976>

Hossen, M.M., Fleiss, B. and Zakaria, R. [Centre for Food and Allergy Research, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The current state in liquid chromatography-mass spectrometry methods for quantifying kynurenine pathway

Library Update

metabolites in biological samples: a systematic review', *Critical Reviews in Clinical Laboratory Sciences* 2025; Apr 29 [Epub ahead of print] [PMID: 40302386]
<https://dx.doi.org/10.1080/10408363.2025.2495160>

Huber, E.M. and Cooper, M.S. [Department of Neurodevelopment & Disability, Royal Children's Hospital; Neurodisability and Rehabilitation, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Beyond the label: antipsychotic prescribing practices at a paediatric neurodisability service in Australia', *Child: Care, Health and Development* 2025; vol.51(3), article no. e70085 [PMID: 40256974] <https://dx.doi.org/10.1111/cch.70085>

Hume-Nixon, M., Clark, S., Ratu, T., Nguyen, C.D., Neal, E.F.G., Bright, K., Strobel, A.G., Watts, E., Hart, J., Fong, J., Rafai, E., Sakumeni, K., Steer, A., Tuibeqa, I. and Russell, F.M. [Department of Paediatrics, University of Melbourne; Asia-Pacific Health, New Vaccines, Tropical Diseases Research Group, Murdoch Children's Research Institute; Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The safety and efficacy of a single dose of oral azithromycin given in labour to prevent skin and soft tissue infections in young infants in Fiji: a randomised controlled trial', *BMC Medicine* 2025; vol.23(1), article no. 246 [PMID: 40289086] <https://dx.doi.org/10.1186/s12916-025-04070-6>

Iannizzi, C., Andreas, M., Bohndorf, E., Hirsch, C., Zorger, A.M., Brinkmann-Paulukat, J., Bormann, B., Kaufman, J., Lischetzki, T., Monsef, I., Neufeind, J., Schmid-Küpke, N., Thole, S., Worbes, K. and Skoetz, N. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Communication-based interventions to increase COVID-19 vaccine willingness and uptake: a systematic review with meta-analysis', *BMJ Open* 2025; vol.15(5), article no. e072942 [PMID: 40379315]
<https://dx.doi.org/10.1136/bmjopen-2023-072942>

Javadian, S., Riggs, E. and Quach, J. [Intergenerational Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Mindfulness-based art interventions for promoting child and adolescent mental health and well-being: a systematic review', *Mindfulness* 2025; May [Epub ahead of print]
<https://dx.doi.org/10.1007/s12671-025-02570-3>

Jayasooriya, K., Jenner, S.P., Marasinghe, P., Senanayake, U., Saadat, H., Taubman, D., Ragel, R., Gamaarachchi, H. and Deveson, I.W. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'A new compression strategy to reduce the size of nanopore sequencing data', *Genome Research* 2025; May 15 [Epub ahead of print] [PMID: 40374535] <https://dx.doi.org/10.1101/gr.280090.124>

Jen, R., Momirovski, D. and Andrews, S. [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'A juvenile myasthenia gravis crisis in a previously undiagnosed child - a case report', *Journal of Paediatrics and Child Health* 2025; Apr 29 [Epub ahead of print] [PMID: 40302300]
<https://dx.doi.org/10.1111/jpc.70071>

Jones, R., Dalziel, K., Hiscock, H., van Heudsen, A. and Devlin, N. [Health Services and Economics, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Use of a generic Paediatric Patient Reported Outcome Measure (P-PROM) in Routine hospital Outpatient Care for Kids (ROCK): a qualitative exploration of adolescent, caregiver and service provider perspectives (P-PROM ROCK Phase 1)', *Quality of Life Research* 2025; May 14 [Epub ahead of print] [PMID: 40366531] <https://dx.doi.org/10.1007/s11136-025-03990-3>

Jonlin, E.C., Fujita, M., Isasi, R., Kato, K., Munsie, M., Muto, K., Niakan, K., Saha, K., Sugarman, J., Turner, L. and Hyun, I. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'What does "appropriate scientific justification" mean for the review of human pluripotent stem cell, embryo, and related research?', *Stem Cell Reports* 2025; vol.20(5), article no. 102479 [PMID: 40280137]
<https://dx.doi.org/10.1016/j.stemcr.2025.102479>

Library Update

- Kamaruzaman, N.K., Duong, H., Ong-Lim, A.L., Tran, L.P., Vu, H.H., DOUNGNGERN, P., Danchin, M., Jamrozik, E., Russell, F.M. and Attwell, K.** [Department of Paediatrics, University of Melbourne; Asia-Pacific Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'COVID-19 vaccine mandates in Southeast Asia: a comparative study of policies in Malaysia, the Philippines, Thailand, and Vietnam', *World Medical and Health Policy* 2025; [Epub ahead of print] <https://dx.doi.org/10.1002/wmh3.70018>
- Karol, S.E., Khaw, S.L., Zwaan, C.M., Baruchel, A., Bittencourt, H., Cooper, T.M., Flotho, C., Fraser, C., Forlenza, C.J., Goldsmith, K.C., Macy, M.E., Morgenstern, D.A., O'Brien, M.M., Petit, A., Ziegler, D.S., Reinhardt, D., Opferman, J.T., Rubnitz, J.E., Onishi, M., Dunshee, D.R., Dunbar, F., Vishwamitra, D., Ross, J.A., Chen, X., Unnebrink, K., Kammerlander, M., Salem, A.H., Palenski, T.L., Sunkersett, G. and Place, A.E.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Venetoclax alone or in combination with chemotherapy in paediatric and adolescent/young adult patients with relapsed/refractory acute myeloid leukaemia', *Pediatric Blood and Cancer* 2025; Apr 23 [Epub ahead of print] [PMID: 40266036] <https://dx.doi.org/10.1002/pbc.31714>
- Katzman, D.K., Bankah, E.M. and Sawyer, S.M.** [Department of Paediatrics, University of Melbourne; Centre for Adolescent Health, Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Navigating the risks and challenges of advocacy to improve adolescent and young adult health', *Journal of Adolescent Health* 2025; [Epub ahead of print] [PMID: 40380968] <https://dx.doi.org/10.1016/j.jadohealth.2025.04.004>
- Kay, C.D., Tejera, N., Jennings, A., Haldar, S., Bevan, D., Crossman, L.C., Li, S., Cassidy, A. and Minihane, A.M.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Effect of age and sex on the urinary elimination of a single dose of mixed flavonoids: results from a single-arm intervention in healthy UK adults', *American Journal of Clinical Nutrition* 2025; May 12 [Epub ahead of print] [PMID: 40368267] <https://dx.doi.org/10.1016/j.ajcnut.2025.05.006>
- Kelly, K., Keohane, E. and Davy, G.** [Policy and Equity, Murdoch Children's Research Institute; Centre for Community Child Health, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The effect of chronic pain on memory: a systematic review and meta-analysis exploring the impact of nociceptive, neuropathic and nociplastic pain', *Brain and Cognition* 2025; vol.187, article no. 106305 [PMID: 40373640] <https://dx.doi.org/10.1016/j.bandc.2025.106305>
- Kevat, A., Alwadhi, D., Collaro, A., Bernard, A., Vandeleur, M., Waters, K. and Chawla, J.** [Department of Respiratory and Sleep Medicine, Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Parent-reported experiences of in-laboratory polysomnography in children with neurodevelopmental disorders: a cross-sectional multi-centre study', *Sleep and Breathing* 2025; vol.29(2), article no. 168 <https://dx.doi.org/10.1007/s11325-025-03333-z>
- Kirk, E., Mundy, L., Lee, E., Lundie, B., Laing, N., Archibald, A.D., Newson, A.J., Mina, K., Carpenter, K., Neas, K., King, R., Ferrie, M., Lunke, S., Boughtwood, T., Delatycki, M.B., Emery, J., Mountain, H., Hui, L., Dive, L., Farrar, M.A. and Massie, J.** [Australian Genomics, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Genetic Support Network of Victoria, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Guidelines for reproductive genetic carrier screening for cystic fibrosis, fragile X syndrome and spinal muscular atrophy', *Pathology* 2025; Mar 26 [Epub ahead of print] [PMID: 40318963] <https://dx.doi.org/10.1016/j.pathol.2025.02.004>
- Kumar, R., Skowno, J., von Ungern-Sternberg, B.S., Davidson, A., Xu, T., Zhang, J., Song, X., Zhang, M., Zhao, P., Liu, H., Jiang, Y., Zuo, Y., de Graaff, J.C., Vutskits, L., Olbrecht, V.A., Szmuk, P., Simpao, A.F., Tsui, F.R., Pratap, J.N., Padiyath, A., Nelson, O., Kurth, C.D. and Yuan, I.** [Department of Anaesthesia, Royal Children's

Library Update

- Hospital; Department of Paediatrics, University of Melbourne; Anaesthesia Research and Melbourne Children's Trials Centre, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Quantitative electroencephalogram and machine learning to predict expired sevoflurane concentration in infants', *Journal of Clinical Monitoring and Computing* 2025; May 17 [Epub ahead of print] [PMID: 40381151] <https://dx.doi.org/10.1007/s10877-025-01301-2>
- Laskary, A.R., Hudson, J.E. and Porrello, E.R.** [Novo Nordisk Foundation Center for Stem Cell Medicine, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Designing multicellular cardiac tissue engineering technologies for clinical translation', *Seminars in Cell and Developmental Biology* 2025; vol.171, article no. 103612 [PMID: 40306230] <https://dx.doi.org/10.1016/j.semcd.2025.103612>
- Legg, A., Devchand, F., Gwee, A., Sandaradura, I. and Lai, T.** [Royal Children's Hospital; Antimicrobials Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Safe and effective use of vancomycin', *Australian Prescriber* 2025; vol.48(2), pp.54-59 [PMID: 40343139] <https://dx.doi.org/10.18773/austprescr.2025.013>
- Lewis, S., Hammarberg, K., Kennedy, J., Biggs, S., Amor, D.J., Glynn, A., Hickey, M., McBain, J. and Halliday, J.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Comparing subjective indicators of health in adults aged 27-38 years conceived with and without assisted reproductive technology', *Reproductive BioMedicine Online* 2025; [Epub ahead of print] [PMID: 40274502] <https://dx.doi.org/10.1016/j.rbmo.2024.104777>
- Liangruenrom, N., Dumuid, D., Pedisic, Z., Widyastari, D.A., Wongpipit, W. and Katewongsa, P.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Associations of reallocating time between movement behaviours with adiposity and physical fitness among employees: a compositional data analysis', *BMC Public Health* 2025; vol.25(1), article no. 1861 [PMID: 40394564] <https://dx.doi.org/10.1186/s12889-025-23165-6>
- Lim, A., Khumra, S., Mitri, E.A., Qian, J., Juric, K., Kruoch, L., Liu, L. and James, S.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Implementation of a proposed algorithm to assess and de-label false penicillin allergy labels in the community', *Infection, Disease and Health* 2025; [Epub ahead of print] [PMID: 40340187] <https://dx.doi.org/10.1016/j.idh.2025.04.002>
- Lindstrom, N.O. and Vanslambrouck, J.M.** [Novo Nordisk Foundation Centre for Stem Cell Medicine (reNEW), Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Patterning the nephron: forming an axial polarity with distal and proximal specialization', *Current Topics in Developmental Biology* 2025; vol.163, pp.83-103 [PMID: 40254351] <https://dx.doi.org/10.1016/bs.ctdb.2025.01.005>
- Lipszyc, R.T., Rodda, C.P., Wright, M. and Duckham, R.L.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'The determinants of bone health in children with autism spectrum disorder: a systematic narrative review', *Journal of Paediatrics and Child Health* 2025; Apr 22 [Epub ahead of print] [PMID: 40260745] <https://dx.doi.org/10.1111/jpc.70063>
- Liu, Z.R., Bull, A.L., Phuong, L.K., Malloy, M.J., Friedman, N.D. and Worth, L.J.** [Infection, Immunity and Global Health Theme, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Central and peripheral line-associated bloodstream infections in Victorian neonatal intensive care units: findings from a comprehensive Victorian surveillance network,

Library Update

2008-2024', *Journal of Hospital Infection* 2025; Apr 26 [Epub ahead of print] [PMID: 40294873] <https://dx.doi.org/10.1016/j.jhin.2025.04.009>

Long, D.A., Anthony, L., Masterson, K., Butt, W., Smith, J., Dunn, L., Quadir, A., Slater, A. and Gibbons, K.S. [Paediatric Intensive Care Unit, Royal Children's Hospital; Clinical Sciences, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Current provision and perceptions of paediatric intensive care unit follow-up services: a binational organisational and clinician survey', *Australian Critical Care* 2025; vol.38(4), article no. 101229 <https://dx.doi.org/10.1016/j.aucc.2025.101229>

Lubin, E.E., Gonzalez, E.M., Sangree, A.K., Durham, E.L., Klinkhammer, H., Li, J.M., Smith, S.M., Layo-Carris, D.E., Clark, K.J., Melendez-Perez, A.J., Wang, X.M., Angireddy, R., Weiss, E.E., Barakat, T.S., Mercier, S., Cogne, B., Koene, S., Hilhorst-Hofstee, Y., Rydzanicz, M., Ploski, R., de Los Angeles Gomez Cano, M., Palomares-Bralo, M., Arevalo, T.B., Tan, T.Y., Gallacher, L., MacFarland, S.P., Ahrens-Nicklas, R.C., Nomakuchi, T.T. and Bhoj, E.J.K. [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Coupling deep phenotypic quantification with next-generation phenotyping for 192 individuals with germline histonopathies', *HGG Advances* 2025; vol.6(3), article no. 100440 <https://dx.doi.org/10.1016/j.xhgg.2025.100440>

Mareckova, K., Holland, L., Marecek, R., Andryskova, L., Brazdil, M., Dawson, S. and Nikolova, Y.S. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Dietary inflammatory index during pregnancy and its relationship with gyrification and IQ in young adult offspring', *Progress in Neuro-Psychopharmacology and Biological Psychiatry* 2025; vol.139, article no. 111373 [PMID: 40262673] <https://dx.doi.org/10.1016/j.pnpbp.2025.111373>

Marshall, E.M., Greenwood, C.J., Aarsman, S.R., Farrell, A.K., Fuller-Tyszkiewicz, M., Sbarra, D.A., Karantzas, G.C., Letcher, P. and Olsson, C.A. [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Intimate partner relationship strain and general health for prospective mothers and their child: a target trial emulation study', *Health Psychology* 2025; vol.44(5), pp.467-478 [PMID: 40232782] <https://dx.doi.org/10.1037/hea0001473>

McClure, Z., Greenwood, C.J., Fuller-Tyszkiewicz, M., Messer, M. and Linardon, J. [Centre for Adolescent Health, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Predicting responsiveness to a dialectical behaviour therapy skills training app for recurrent binge eating: a machine learning approach', *Behaviour Research and Therapy* 2025; vol.190, article no. 104755 [PMID: 40286685] <https://dx.doi.org/10.1016/j.brat.2025.104755>

McDade, T.W., Carrera, S., Ryan, C.P., Burgner, D., Adair, L.S., Lee, N.R., Carba, D.B., MacIsaac, J.L., Dever, K., Kobor, M.S. and Kuzawa, C.W. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Evaluation of a DNA methylation-based measure of chronic inflammation in two generations of adults in metropolitan Cebu, Philippines', *medRxiv* 2025; [Epub ahead of print] <https://dx.doi.org/10.1101/2025.03.25.25324477>

McDonald, E., Pittet, L.F., Bonten, M., Byrne, A., Campbell, J., Croda, J., Dalcolmo, M.P., Davidson, A., dos Santos, G., Gardiner, K., Gwee, A., Jardim, B.A., Lacerda, M.V.G., Lucas, M., Lynn, D.J., Manning, L., Marshall, H.S., Perrett, K.P., Prat-Aymerich, C., Puga, M.A.M., Richmond, P., Rodriguez-Bano, J., Wadia, U., Warris, A., Wood, N.J., Curtis, N. and Messina, N.L. [Infectious Diseases Group, Melbourne Children's Trial Centre, Antimicrobials Group, Population Allergy Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Research Operations, Department of Allergy and Immunology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Optimising COVID-19 episode identification using serology

Library Update

and PCR/Rapid Antigen Testing: insights from the BRACE trial', *medRxiv* 2025; [Epub ahead of print] <https://dx.doi.org/10.1101/2025.03.12.25323795>

McGahan, E., Berkman, J., Milne, D., Terrill, B., Gear, R., Gardiner, S., Eckstein, L., Nicol, D., Taylor, N., Winship, I., McWhirter, R., Nisselle, A., Lodge, J. and McInerney-Leo, A. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Empowering human research ethics committees to review genomics applications: evaluating the utility of a custom online education resource', *European Journal of Human Genetics* 2025; Apr 17 [Epub ahead of print] [PMID: 40247136] <https://dx.doi.org/10.1038/s41431-025-01846-5>

Meng, F., Kwok, M., Hui, Y.C., Wei, R., Hidalgo-Gonzalez, A., Walentinsson, A., Andersson, H., Bjerre, F.A., Wang, Q.D., Andersen, D.C., Poon, E.N., Später, D. and Zebrowski, D.C. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Matured hiPSC-derived cardiomyocytes possess dematuration plasticity', *Journal of Molecular and Cellular Cardiology Plus* 2025; vol.12, article no. 100295 [PMID: 40255628] <https://dx.doi.org/10.1016/j.jmccpl.2025.100295>

Mohamed, Z., Ponsonby, A.L., Wakhlu, A., Thomson, S., Love, C., Symeonides, C., Ranganathan, S., O'Hely, M., Vuillermin, P.J. and Drummond, K. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Respiratory and Sleep Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Infant sleep characteristics in children with autism spectrum disorder: a population-derived Australian birth cohort study', *Archives of Disease in Childhood* 2025; vol.110(6), pp.471-479 [PMID: 40350243] <https://dx.doi.org/10.1136/archdischild-2024-328393>

Molloy, R., Bonnamy, J., Brand, G., Pope, N., Schweizer, R. and Sevenhuysen, S. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Harnessing lived experience in health professions simulation-based education: a scoping review', *Advances in Health Sciences Education* 2025; Apr 24 [Epub ahead of print] [PMID: 40272753] <https://dx.doi.org/10.1007/s10459-025-10432-9>

Moore, C., Halman, A., Stenta, T., Khatri, D., Williams, E., Dyas, R., Stolper, J., Elliott, D.A. and Conyers, R. [Cancer Therapies, Stem Cell Medicine, Victorian Clinical Genetics Services, Novo Nordisk Foundation Centre for Stem Cell Medicine, ReNEW, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Children's Cancer Centre, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Frequency and implications of high-risk pharmacogenomic phenotypes identified in a diverse Australian pediatric oncology cohort', *Clinical and Translational Science* 2025; vol.18(5), article no. e70246 [PMID: 40347484] <https://dx.doi.org/10.1111/cts.70246>

Morison, L.D., Vogel, A.P., Christodoulou, J., Gold, W.A., Verden, D., Chung, W.K., Braden, R., Bredebusch, J., Kaur, S., Scheffer, I.E. and Morgan, A.T. [Speech and Language Team, Brain and Mitochondrial Group, Genomic Medicine, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Neurology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Understanding speech and language in KIF1A-associated neurological disorder', *European Journal of Human Genetics* 2025; [Epub ahead of print] [PMID: 40379967] <https://dx.doi.org/10.1038/s41431-025-01867-0>

Moynihan, K.M., Russ, V., Clinch, D., Straney, L., Millar, J., Festa, M., Nassar, N., Basu, S., Thavarajasingam, T., Long, D., Secombe, P.J. and Slater, A.J. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Social determinants of health and intensive care unit admission rates and outcomes for children, Australia, 2013-2020: analysis of national registry data', *Medical Journal of Australia* 2025; vol.222(8), pp.412-421 <https://dx.doi.org/10.5694/mja2.52643>

Library Update

- Mozhui, K., Henriksen, B.A., Bell, L.A., Bretherton, I., Cheung, A.S. and Novakovic, B.** [Infection, Immunity and Global Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Tracking epigenetic biomarkers of health and aging during the initial year of gender-affirming hormone therapy', *medRxiv* 2025; [Epub ahead of print] <https://dx.doi.org/10.1101/2025.03.01.25323163>
- Mudzingwa, I.T., Prior, S.J., Griffin, P., Tavender, E. and Tran, V.** [Emergency Medicine, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'The use of clinical pathways in emergency departments: a scoping review', *Health Services Insights* 2025; Review [Epub ahead of print] [PMID: 40351507] <https://dx.doi.org/10.1177/11786329251328527>
- Munns, C.F., Bentley, L.A., Boyd, R.N., Brookes, D., Taylor, M.J., Pivonka, P., Nassar, N., Trost, S.G., Little, J.P., Tucker, K., Burns, J., Sakzewski, L., Badawi, N., Ware, R.S., Comans, T., Willoughby, K.L. and Paget, S.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Study protocol for the Australasian Cerebral Palsy Musculoskeletal Health Network (AusCP MSK) prospective cohort study: early detection of musculoskeletal complications in young children with moderate to severe cerebral palsy (GMFCS III-V)', *BMJ Open* 2025; vol.15(4), article no. e095526 [PMID: 40306994] <https://dx.doi.org/10.1136/bmjopen-2024-095526>
- Nava, C., et al.** [Centre for Population Genomics, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Dominant variants in major spliceosome U4 and U5 small nuclear RNA genes cause neurodevelopmental disorders through splicing disruption', *Nature Genetics* 2025; [Epub ahead of print] [PMID: 40379786] <https://dx.doi.org/10.1038/s41588-025-02184-4>
- Neelakantan, L., Logan, N., Raniti, M. and Reavley, N.** [Centre for Adolescent Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Impacts of adolescent participation in a mental health education, leadership, and advocacy program (the Live4Life Crew) on outcomes after leaving secondary school in Victoria, Australia: a qualitative study', *SSM - Mental Health* 2025; vol.7, article no. 100448 <https://dx.doi.org/10.1016/j.ssmmh.2025.100448>
- Nguyen, D., Cheung, S.W., Liu, Y., Mackay, M.T., Stojanovski, B., Moodie, M. and Gao, L.** [Department of Neurology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Examination of pediatric hemorrhagic stroke incidence: a systematic review and meta-analysis', *Journal of Stroke and Cerebrovascular Diseases* 2025; vol.34(7), article no. 108344 [PMID: 40354989] <https://dx.doi.org/10.1016/j.jstrokecerebrovasdis.2025.108344>
- Nisa, E.L., Davies, K., Pellicano, A. and Duffy, N.** [Department of Otolaryngology, Department of Neonatal Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'A single centre's experience of non-iatrogenic neonatal bilateral vocal cord paralysis', *Journal of Paediatrics and Child Health* 2025; Apr 30 [Epub ahead of print] [PMID: 40304438] <https://dx.doi.org/10.1111/jpc.70070>
- O'Dean, S., Spry, E., Evans-Whipp, T., Mansour, K., Glauert, R., Olsson, C.A. and Slade, T.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Scientific progress in mapping the relational ecology of early child development: a systematic scoping review', *Clinical Child and Family Psychology Review* 2025; Apr 25 [Epub ahead of print] [PMID: 40278962] <https://dx.doi.org/10.1007/s10567-025-00522-w>
- Onggo, J.R., Chua, N.S.H., Onggo, J.D., Wang, K.K. and Ek, E.T.** [Department of Orthopaedic Surgery, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Clinical outcomes following surgical management of post-traumatic elbow contractures in the pediatric age group: a meta-analysis and systematic

review', *Journal of Hand Surgery* 2025; vol.50(5), pp.626.e1-626.e11

<https://dx.doi.org/10.1016/j.jhsa.2024.01.010>

Osei, I., Mendy, E., van Zandvoort, K., Sarwar, G., Nuredin, I.M., Bruce, J., Barjo, O., Molfa, M., Salaudeen, R., Greenwood, B., Flasche, S. and Mackenzie, G.A.

[Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Effect of the 13-valent pneumococcal conjugate vaccine on pneumococcal carriage in rural Gambia 10 years after its introduction: a population-based cross-sectional study', *Vaccine* 2025; vol.56, article no. 127181 [PMID: 40300436] <https://dx.doi.org/10.1016/j.vaccine.2025.127181>

Patrick, E., Iuliano, A., Bakare, D., Salako, J., Shittu, F., Bakare, A.A., Uchendu, O., Graham, H., McCollum, E.D., Burgess, R.A., Beard, J., Falade, A.G., King, C. and Colbourn, T. [Centre for International Child Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Non-specific effects of routine vaccinations on child survival between 12-59 months of age in Jigawa, Nigeria: a secondary analysis of the INSPIRING Jigawa trial', *Vaccine* 2025; vol.57, article no. 127211 [PMID: 40359817] <https://dx.doi.org/10.1016/j.vaccine.2025.127211>

Pedersen, D.C., Bjerregaard, L.G., Dybkær, K., Jacobsen, R.K., Longmore, D.K., Burgner, D., Baker, J.L. and Aarestrup, J. [Infection, Immunity & Global Health Theme, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Associations between hospitalized infections in the first 24 months of life and risk of cancer in early-mid adulthood', *Cancer Epidemiology* 2025; vol.97, article no. 102835 [PMID: 40334334] <https://dx.doi.org/10.1016/j.canep.2025.102835>

Pedersen, D.C., Bjerregaard, L.G., Dybkær, K., Jacobsen, R.K., Longmore, D.K., Burgner, D., Baker, J.L. and Aarestrup, J. [Infection, Immunity & Global Health Theme, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Associations between hospitalized infections in the first 24 months of life and risk of cancer in early-mid adulthood', *Cancer Epidemiology* 2025; vol.97, article no. 102835 [PMID: 40334334] <https://dx.doi.org/10.1016/j.canep.2025.102835>

Phillips, R. and Crock, C. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Value of whole skin examination in older children presenting with skin conditions', *Pediatric Dermatology* 2025; May 14 [Epub ahead of print] [PMID: 40365814] <https://dx.doi.org/10.1111/pde.15985>

Poulton, A. and Hui, L. [Reproductive Epidemiology, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Noninvasive prenatal testing: an overview', *Australian Prescriber* 2025; vol.48(2), pp.47-53 [PMID: 40343140] <https://dx.doi.org/10.18773/austprescr.2025.019>

Rao, P., Quick, J. and Dewan, P.A. [Radiology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Ectopic thymus in paediatric thyroid: support for conservative management', *Cureus* 2025; vol.17(4), article no. e82323 [PMID: 40376344] <https://dx.doi.org/10.7759/cureus.82323>

Rao, S., Watt, K.E.N., Maili, L., Lamb, M., Farrow, E., Hassan, H., Weaver, K., Miller, B., Dash, S., Cox, L.L., Gallacher, L., Kant, S.G., Gibson, M., Pastinen, T., Li, D., Bhoj, E.J.K., Zhu, H., Zhang, J., Zhang, Y.B., Tan, T.Y., Trainor, P.A. and Cox, T.C. [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Splicing defects and cell death cause SF3B2-linked craniofacial microsomia', *Journal of Dental Research* 2025; Apr 24 [Epub ahead of print] [PMID: 40275713] <https://dx.doi.org/10.1177/00220345251325818>

Ravenscroft, G., Beecroft, S.J., Facchini, S.G., Curro, R.J., Cabrera-Serrano, M., Stevanovski, I., Chintalaphani, S., Gamaarachchi, H., Weisburd, B., Folland, C., McLean, C., Laing, N.G., Stojkovic, T., Houlden, H., Hanna, M., Deveson, I., Lockhart, P., Lamont, P., Fahey, M., Bugiardini, E. and Cortese, A. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'A CCG expansion in ABCD3 causes oculopharyngodistal myopathy', *Clinical Neurology* 2024; vol.64(Suppl. 1), pp.S82 https://dx.doi.org/10.5692/clinicalneuro.64_supplement_S1

Reid, S.M., Vendeleur, M., Wurzel, D., Frayman, K., Osowicki, J., Crompton, K., Baikie, G., Antolovich, G., Guzys, A. and Cooper, M.S. [Neurodisability and Rehabilitation,

Library Update

Respiratory Diseases Group, Tropical Diseases Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Neurodevelopment and Disability, Department of Respiratory and Sleep Medicine, Department of Infectious Diseases, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Respiratory admissions and impact of COVID-19 lockdowns for children with severe cerebral palsy', *Developmental Medicine and Child Neurology* 2025; [Epub ahead of print] <https://dx.doi.org/10.1111/dmcn.16346>

Roberts, A., Dart, J., Lloyd, S., Bebbington, K., Fairchild, J.M., Ambler, G.R., Cameron, F.J., Davis, E.A., Jones, T.W. and Abraham, M.B. [Department of Endocrinology and Diabetes, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], '"I think I could have used it better": experiences of youth with high HbA1c commencing advanced hybrid closed-loop therapy in a clinical trial setting - a qualitative research', *Pediatric Diabetes* 2024; vol.2024, article no. 6260002 [PMID: 40302968] <https://dx.doi.org/10.1155/2024/6260002>

Rossetti, L., Pascoe, L., Mainzer, R.M., Ellis, R., Olsen, J.E., Spittle, A.J., Doyle, L.W., Cheong, J.L.Y. and Anderson, P.J. [Clinical Sciences, Centre for Community Child Health, Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Executive function outcomes at school age in children born moderate-to-late preterm', *Journal of Pediatrics* 2025; May 7 [Epub ahead of print] [PMID: 40345573] <https://dx.doi.org/10.1016/j.jpeds.2025.114634>

Ryan, N.P., Botchway-Commey, E., Crossley, L., Hearps, S., Catroppa, C. and Anderson, V. [Department of Clinical Sciences, Murdoch Children's Research Institute; Psychology Service, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Predictors and outcomes of sleep problems following childhood traumatic brain injury: a prospective cohort study', *Annals of Physical and Rehabilitation Medicine* 2025; vol.68(5), article no. 101958 [PMID: 40262261] <https://dx.doi.org/10.1016/j.rehab.2025.101958>

Sabbagh, H., Ribnishki, T., Hötzel, L., Bronk, L.V., Khazaei, Y. and Wichelhaus, A. [Inflammatory Origins, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'An open-source, AI-supported teaching tool in orthodontic education-assessment of acceptance and effectiveness', *Journal of Dental Education* 2025; Apr 24 [Epub ahead of print] [PMID: 40275480] <https://dx.doi.org/10.1002/jdd.13916>

Saha, S., Corben, L.A., Selvadurai, L.P., Harding, I.H. and Georgiou-Karistianis, N. [Bruce Lefroy Centre for Genetic Health Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Predictive machine learning and multimodal data to develop highly sensitive, composite biomarkers of disease progression in Friedreich ataxia', *Scientific Reports* 2025; vol.15(1), article no. 17629 [PMID: 40399385] <https://dx.doi.org/10.1038/s41598-025-01047-6>

Savarirayan, R. and Fredwall, S.O. [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Reply to 'Ensuring diverse representation and minimizing conflicts of interest in clinical practice guidelines'', *Nature Reviews Endocrinology* 2025; [Epub ahead of print] [PMID: 40312541] <https://dx.doi.org/10.1038/s41574-025-01123-x>

Schilstra, C.E., Wakefield, C.E., McLoone, J., Wiener, L., Donoghoe, M.W., Hoffman, R.I., Echodu, M., Ortiz, R., Ilbawi, A. and Cayrol, J. [Royal Children's Hospital; Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Development of a World Health Organization international survey assessing the lived experience of people affected by cancer: outcomes from pilot testing, user feedback, and survey revision', *Supportive Care in Cancer* 2025; vol.33(5), article no. 445 <https://dx.doi.org/10.1007/s00520-025-09372-2>

- Schults, J., Charles, K., Long, D., Brown, G., Copnell, B., Dargaville, P., Davies, K., Erikson, S., Forrest, K., Harnischfeger, J., Irwin, A., Kendrick, T., Lake, A., Ntounenopoulos, G., Waak, M., Woodard, M., Tume, L., Cooke, M., Mitchell, M., Hall, L. and Ullman, A.** [Paediatric Intensive Care Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Corrigendum to "The Paediatric AirWay Suction (PAWS) appropriateness guide for endotracheal suction interventions" [Aust Crit Care 35 (2022) 651–660, (S1036731421001636), (10.1016/j.aucc.2021.10.005)]', *Australian Critical Care* 2025; vol.38(4), article no. 101224 [PMID: 40187124] <https://dx.doi.org/10.1016/j.aucc.2025.101224>
- Sett, A., Truong, J., Crotty, A., Douglas, E., Hodder, J., Poh, Q.H., Kenna, K.R., Sourial, M., Fatmous, M., Pereira-Fantini, P.M. and Tingay, D.G.** [Neonatal Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Dynamic lung aeration after birth does not impede pulmonary blood flow in preterm lambs', *Archives of Disease in Childhood. Fetal and Neonatal Edition* 2025; May 13 [Epub ahead of print] [PMID: 40360238] <https://dx.doi.org/10.1136/archdischild-2024-328401>
- Small, A., Kavanagh, S.A., Macdonald, J.A., Di Manno, L. and Wynter, K.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Father involvement in pregnancy and postnatal care: combined perspectives of fathers, mothers, and service providers', *Nursing and Health Sciences* 2025; vol.27(2), article no. e70105 [PMID: 40254548] <https://dx.doi.org/10.1111/nhs.70105>
- Smith, H.S., Buchanan, J., Goranitis, I., MJ, I.J., Lavelle, T.A., Marshall, D.A., Regier, D.A., Ungar, W.J., Weymann, D., Wordsworth, S., Phillips, K.A. and Jansen, J.P.** [Australian Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Distributional cost-effectiveness analysis in genomic medicine: considerations for addressing health equity', *Value in Health* 2025; May 6 [Epub ahead of print] [PMID: 40339643] <https://dx.doi.org/10.1016/j.jval.2025.04.2162>
- Smith, M.G., Gibson, R.J., Schibani, M., Russo, R.N., Thirumanickam, A. and Harvey, A.R.** [Neurodisability and Rehabilitation, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The comprehensibility and feasibility of the modified brief pain inventory and fear of pain questionnaire adapted for children and young people with cerebral palsy', *Quality of Life Research* 2025; Apr 29 [Epub ahead of print] [PMID: 40301159] <https://dx.doi.org/10.1007/s11136-025-03981-4>
- Soper, A.K., Lowthian, T., Doherty-Kirby, A., Marini, H., Shivnauth, M., Noyek, S., Dave, S., Britt, K., Phoenix, M., Moll, S., Imms, C. and Rosenbaum, P.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Towards more inclusive schools: a scoping review of school-based disability awareness programs', *Disability and Rehabilitation* 2025; May 1 [Epub ahead of print] [PMID: 40312839] <https://dx.doi.org/10.1080/09638288.2025.2493219>
- Soper, A.K., Shivnauth, M., Marini, H., Doherty-Kirby, A., Lowthian, T., Dave, S., Noyek, S., Britt, K., Phoenix, M., Imms, C. and Rosenbaum, P.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Evaluating disability awareness programs in schools: a scoping review of longitudinal outcomes and measures', *Disability and Rehabilitation* 2025; May 12 [Epub ahead of print] [PMID: 40353433] <https://dx.doi.org/10.1080/09638288.2025.2496356>
- Stenton, S.L., Laricchia, K., Lake, N.J., Chaluvadi, S., Ganesh, V., DiTroia, S., Osei-Owusu, I., Pais, L., O'Heir, E., Austin-Tse, C., O'Leary, M., Shanap, M.A., Barrows, C., Berger, S., Bonnemann, C.G., Bujakowska, K.M., Campagna, D.R., Compton, A.G., Donkervoort, S., Fleming, M.D., Gallacher, L., Gleeson, J.G., Haliloglu, G., Pierce, E.A., Place, E.M., Sankaran, V.G., Shimamura, A., Stark, Z., Tan, T.Y., Thorburn, D.R., White, S.M., Zaki, M.S., Vilain, E., Lek, M., Rehm, H.L.**

- and O'Donnell-Luria, A.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Mitochondrial DNA variant detection in over 6,500 rare disease families by the systematic analysis of exome and genome sequencing data resolves undiagnosed cases', *HGG Advances* 2025; vol.6(3), article no. 100441
<https://dx.doi.org/10.1016/j.xhgg.2025.100441>
- Stewart, B., Lepola, P., Egger, G.F., Ali, F., Allen, A.J., Croker, A.K., Davidson, A.J., Dicks, P., Faust, S.N., Green, D., Hovinga, C., Klein, A.V., Langham, R., Nakamura, H., Pioppo, L., Ramroop, S., Sakiyama, M., Sanchez Vigil de la Villa, I., Sato, J., Snyder, D.L., Turner, M.A., Zaidi, S., Zimmerman, K. and Lacaze-Masmonteil, T.** [Melbourne Children's Trials Centre, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Requirements and special considerations for drug trials with children across six jurisdictions: 1. Clinical trial application review in the regulatory approval process', *Frontiers in Medicine* 2025; vol.12, article no. 1542408 [PMID: 40303377]
<https://dx.doi.org/10.3389/fmed.2025.1542408>
- Stonnill, M., Gray, S., Woolfenden, S. and Goldfeld, S.** [Centre for Community Child Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Barriers to creating and implementing child mental health policies that promote child mental health competence in Victoria, Australia: a qualitative study', *Health Promotion Journal of Australia* 2025; vol.36(3), article no. e70046 [PMID: 40304215] <https://dx.doi.org/10.1002/hpja.70046>
- Storey, M. and Sutherland, J.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Participant emotional resiliency check-in: a research technique', *Qualitative Health Research* 2025; Apr 28 [Epub ahead of print] [PMID: 40294303] <https://dx.doi.org/10.1177/10497323251336637>
- Sutherland, T.N., Stricker, P.A. and Davidson, A.J.** [Department of Anaesthesia, Royal Children's Hospital; Melbourne Children's Trials Centre, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Common pitfalls of perioperative clinical trials in response to 'Barriers and enablers to recruiting participants within paediatric perioperative and anaesthetic settings: lessons learned from a trial of melatonin versus midazolam in the premedication of anxious children (the MAGIC trial)', *BJA Open* 2025; vol.14, article no. 100409
<https://dx.doi.org/10.1016/j.bjao.2025.100409>
- Taggart, N., Kinner, S.A. and Young, J.T.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The prevalence and correlates of dual diagnosis among adults in custody: a systematic review and meta-analysis', *Drug and Alcohol Dependence* 2025; vol.272, article no. 112675
<https://dx.doi.org/10.1016/j.drugalcdep.2025.112675>
- Talia, K.L., Hawkes, D., Zhang, G., Jamison, J., Shanks, J., Yang, B., Soslow, R. and McCluggage, W.G.** [Department of Pathology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'HPV42: a common low-risk HPV type associated with distinctive cervicovaginal and cutaneous neoplasia', *American Journal of Surgical Pathology* 2025; May 23 [Epub ahead of print] [PMID: 40387309]
<https://dx.doi.org/10.1097/pas.0000000000002420>
- Tanikawa, D., Sá, Á., Figueroa, Á., Chong, D. and Ishida, L.C.** [Department of Plastic and Maxillofacial Surgery, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], '"Introducing preservation rhinoplasty principles to cleft nasal surgery: unveiling the role of nasal ligaments in infant anatomy"', *Plastic and Reconstructive Surgery* 2025; May 12 [Epub ahead of print] [PMID: 40358520]
<https://dx.doi.org/10.1097/prs.00000000000012197>
- Tanveer, M.S., Patel, D., Schweiger, H.E., Abu-Bonsrah, K.D., Watmuff, B., Azadi, A., Pryshchep, S., Narayanan, K., Puleo, C., Natarajan, K., Mostajo-Radji, M.A., Kagan, B.J. and Wang, G.** [Department of Paediatrics, University of Melbourne,

Library Update

Parkville, Vic., Australia.], 'Starting a synthetic biological intelligence lab from scratch', *Patterns* 2025; vol.6(5), article no. 101232 <https://dx.doi.org/10.1016/j.patter.2025.101232>

Teague, S.J., Shatte, A.B.R., Fuller-Tyszkiewicz, M. and Hutchinson, D.M. [Centre for Adolescent Health, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Mobile app-based intervention for paternal perinatal depression, anxiety, and stress: a randomised controlled trial', *Journal of Affective Disorders* 2025; vol.382, pp.325-335 [PMID: 40280428] <https://dx.doi.org/10.1016/j.jad.2025.04.075>

Teague, S.J., Shatte, A.B.R., Fuller-Tyszkiewicz, M. and Hutchinson, D.M. [Centre for Adolescent Health, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'User-centred design and evaluation of an mHealth app for fathers' perinatal mental health: a feasibility, acceptability, and usability study', *Behaviour and Information Technology* 2025; May 9 [Epub ahead of print] [PMID: 40385514] <https://dx.doi.org/10.1080/0144929x.2025.2502474>

Thobari, J.A., Arguni, E., Bunoan-Macazo, J.A., Clark, S., Dorj, N., Douangboupah, V., Doungnengern, P., Vu, H.H., Chandra, L.A., Haposan, J.H., Koroituku, I., Nouanthong, P., Ong-Lim, A.L., Otgonbayar, D., Tran, L.P., Tuibeqa, I., von Mollendorf, C. and Russell, F.M. [Asia-Pacific Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Opportunities and challenges of conducting vaccine research in low and middle-income countries in the Asia-Pacific region: perspectives from the Asia-Pacific Vaccine Research Network', *Lancet Regional Health - Western Pacific* 2025; vol.58, article no. 101559 <https://dx.doi.org/10.1016/j.lanwpc.2025.101559>

Thomas, M., Paranjape, M. and Sinclair, R. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Rosacea fulminans following initiation of deucravacitinib', *Clinical and Experimental Dermatology* 2025; vol.50(5), pp.1031-1032 [PMID: 39545490] <https://dx.doi.org/10.1093/ced/llae495>

Thomason, P., Graham, K., Ye, K., O'Donnell, A., Kulkarni, V., Davids, J.R. and Rutz, E. [Hugh Williamson Gait Laboratory, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Knee surveillance for ambulant children with cerebral palsy', *Journal of Children's Orthopaedics* 2025; Apr 15 [Epub ahead of print] [PMID: 40248438] <https://dx.doi.org/10.1177/18632521251330448>

Tibballs, J. and Bhatia, N. [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Shaken baby syndrome/abusive head injury: the role of expert witness testimony and a recent case development', *Journal of Bioethical Inquiry* 2025; May 20 [Epub ahead of print] [PMID: 40392472] <https://dx.doi.org/10.1007/s11673-025-10422-x>

Vetten, Z., Auld, B., Han, D.Y., Lee-Tannock, A., Robertson, T., Yim, D., Brooks, P., Hutchinson, D., Alsweiler, J. and Gentles, T.L. [Cardiology Department, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Prenatal predictors of early intervention in simple tetralogy of Fallot: a retrospective multi-centre study', *Prenatal Diagnosis* 2025; Apr 26 [Epub ahead of print] [PMID: 40286196] <https://dx.doi.org/10.1002/pd.6796>

Visscher, P.M., Gyngell, C., Yengo, L. and Savulescu, J. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Correction to: Heritable polygenic editing: the next frontier in genomic medicine? (Nature, (2025), 637, 8046, (637-645), 10.1038/s41586-024-08300-4)', *Nature* 2025; vol.640(8058), pp.E5 [PMID: 40119086] <https://dx.doi.org/10.1038/s41586-025-08904-4>

Votto, M., Peters, R.L. and Eigenmann, P. [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.],

Library Update

'Editorial comment on "The Naples pediatric food allergy score: a multivariable model for the prediction of food allergy in children"', *Pediatric Allergy and Immunology* 2025; vol.36(4), article no. e70094 [PMID: 40277346]
<https://dx.doi.org/10.1111/pai.70094>

Walker, H., Selman, C.J., Goh, L.Y., Lee, K.J., Rombaldo, K., McLeman, L., Summers, P., Stolper, J., Hanna, D., Hughes, D., Wang, S.S., Toro, C., Meyran, D., Williams, B., Dyas, R., Rubinek, L.C., Taylor, K., Snelling, T., Cole, T., Gwee, A., Grobler, A. and Conyers, R. [Children's Cancer Centre, Centre for Health Analytics, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Cancer Therapies, Stem Cell Medicine, Clinical Epidemiology and Biostatistics Unit, Antimicrobials Group, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], "Validation of a novel ordinal endpoint for an adaptive platform trial in paediatric haematopoietic stem cell transplant", *medRxiv* 2025; [Epub ahead of print]
<https://dx.doi.org/10.1101/2025.03.21.25324374>

Wang, W., Chen, Y., Rasic, M., Ascoli, C., Hatch, J.E., Nemsick, N.K., Deschamp, A.R., Davis, S.D., Sanders, D.B., Ranganathan, S., Stick, S., Perkins, D.L., Thomas, F. and Finn, P.W. [Department of Paediatrics, University of Melbourne; Infection and Immunity, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'An observational study of the lung microbiome and lung function in young children with cystic fibrosis across two countries with differing antibiotic practices', *Microbial Pathogenesis* 2025; vol.205, article no. 107628 [PMID: 40288428]
<https://dx.doi.org/10.1016/j.micpath.2025.107628>

Wheeler, A.P., Abraham, A., Barnes, C., Brown Frandsen, R., d'Oiron, R., Eichler, H., Hampton, K., López-Jaime, F.J., Lyu, C.J., Tavares, C.M.M., Nogami, K., Sutton, C., Windyga, J., Zulfikar, B. and Castaman, G. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Real-world unmet needs of patients with haemophilia A and haemophilia B with or without inhibitors: end-of-study results from the explorer6 non-interventional study', *Haemophilia* 2025; May 5 [Epub ahead of print] [PMID: 40323006] <https://dx.doi.org/10.1111/hae.70051>

Whittle, S., Rakesh, D., Simmons, J.G., Schwartz, O., Vijayakumar, N. and Allen, N.B. [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Prospective associations between structural brain development and onset of depressive disorder during adolescence and emerging adulthood', *American Journal of Psychiatry* 2025; May 7 [Epub ahead of print] [PMID: 40329643]
<https://dx.doi.org/10.1176/appi.ajp.20240588>

Wickramaarachchi, T., Habito, M., DeBeni, D., Maurizio, F., Wong, S., Kennedy, E. and Scott, N. [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Return-on-investment for interventions to reduce adolescent pregnancy and child marriage in Southeast Asia: a five-country modelling study', *SSRN* 2025; [Epub ahead of print]
<https://dx.doi.org/10.2139/ssrn.5203832>

Woodcock, I.R., de Valle, K., Cairns, A., Davidson, Z.E., Kean, M., Varma, N., Grobler, A., Metz, D., Carroll, K., Dilek, N., Heatwole, C., Ryan, M.M., Delatycki, M.B. and Yiu, E.M. [Department of Neurology, Department of Medical Imaging, Department of Nephrology, Royal Children's Hospital; Bruce Lefroy Centre for Genetic Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Effect of creatine monohydrate on motor function in children with facioscapulohumeral muscular dystrophy: a multicenter, randomized, double-blind placebo-controlled crossover trial', *Pharmacotherapy* 2025; May 14 [Epub ahead of print] [PMID: 40366059]
<https://dx.doi.org/10.1002/phar.70025>

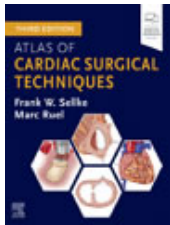
Woodcock, I.R., Kariyawasam, D.S., Kava, M.P., Yiu, E.M., Clark, D., Adams, J., Bischof, M., Peacock, A., Taylor, C. and Smith, N.J.C. [Department of Neurology, Royal Children's Hospital; Neuroscience Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic.,

Library Update

- Australia.], 'Cost-effectiveness of newborn screening for spinal muscular atrophy in Australian hospitals', *Neurology and Therapy* 2025; Apr 27 [Epub ahead of print] [PMID: 40289052] <https://dx.doi.org/10.1007/s40120-025-00744-8>
- Yong, M.K., Thursky, K., Crane, M., Spelman, T., Mahar, R.K., Simpson, J.A., Scott, A.M., Harrison, S.J., Szer, J., Pellegrini, M., Lingaratnam, S., Pang, K.C., Tennakoon, S., Sim, B.Z., Blyth, E., Gan, H.K., Quach, H., McIntosh, M.P., Page, H., Woolstencroft, R. and Slavin, M.A.** [Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; Department of Adolescent Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Interferon-alpha nasal spray to prevent COVID-19 and respiratory viral infections in cancer patients; a randomised, double-blinded placebo-controlled trial', *SSRN* 2025; [Epub ahead of print] <https://dx.doi.org/10.2139/ssrn.5205109>
- Yoo, O., Salman, S., Hla, T.K., Osowicki, J., Page-Sharp, M., Marsh, J.A., Barr, R., Azzopardi, K., Morici, M., Batty, K.T., Enkel, S.L., Kado, J., Hatchuel, L., Fulurija, A., McCarthy, J.S., Snelling, T., Steer, A.C., Carapetis, J. and Manning, L.** [Tropical Diseases Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Infectious Diseases Unit, Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Population pharmacokinetics of penicillin G: insights into increased clearance at low concentrations to guide development of improved long-acting formulations for syphilis and prevention of rheumatic fever', *Antimicrobial Agents and Chemotherapy* 2025; May 20 [Epub ahead of print] [PMID: 40391929] <https://dx.doi.org/10.1128/aac.00269-25>
- Zhang, H., Senior, A.M., Saner, C., Koemel, N.A., Simpson, S.J., Raubenheimer, D. and Heitmann, B.L.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Maternal protein intake during pregnancy and obesity risk in mothers and offspring: a prospective cohort study', *American Journal of Clinical Nutrition* 2025; Apr 17 [Epub ahead of print] [PMID: 40252730] <https://dx.doi.org/10.1016/j.ajcnut.2025.04.011>
- Zhao, Y., et al.** [Rheumatology Service, Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'EULAR/American College of Rheumatology classification criteria for pediatric chronic nonbacterial osteomyelitis', *Arthritis and Rheumatology* 2025; May 8 [Epub ahead of print] [PMID: 40342207] <https://dx.doi.org/10.1002/art.43137>
- Zhou, Y., Mendonça, M., Tsalacopoulos, N., Bartmann, P., Darlow, B.A., Harris, S.L., Horwood, J., Woodward, L.J., Anderson, P.J., Doyle, L.W., Cheong, J.L.Y., Kajantie, E., Tikanmäki, M., Johnson, S., Marlow, N., Nosarti, C., Indredavik, M.S., Evensen, K.A.I., Räikkönen, K., Heinonen, K., van der Pal, S. and Wolke, D.** [Clinical Sciences, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Socioeconomic outcomes in very preterm/very low birth weight adults: individual participant data meta-analysis', *Pediatric Research* 2025; May 3 [Epub ahead of print] [PMID: 40319139] <https://dx.doi.org/10.1038/s41390-025-04082-1>
- Ziogas, A., Novakovic, B., Ventriglia, L., Galang, N., Tran, K.A., Li, W., Matzaraki, V., van Unen, N., Schlüter, T., Ferreira, A.V., Moorlag, S., Koeken, V., Moyo, M., Li, X., Baltissen, M.P.A., Martens, J.H.A., Li, Y., Divangahi, M., Joosten, L.A.B., Mhlanga, M.M. and Netea, M.G.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Long-term histone lactylation connects metabolic and epigenetic rewiring in innate immune memory', *Cell* 2025; Apr 25 [Epub ahead of print] [PMID: 40318634] <https://dx.doi.org/10.1016/j.cell.2025.03.048>

[online]

[Atlas of cardiac surgical techniques](#) / edited by Frank W. Sellke and Marc Ruel. 3rd ed. Elsevier, 2026



This book provides expert, easy-to-navigate instruction on a wide variety of both open and interventional surgical techniques. *Pearls and Pitfalls* sections at the end of each chapter provide additional clinically important details. Key features include coverage of procedures including minimally invasive techniques, robotic surgery, aortic dissection, and much more. This book presents each procedure in a consistent, easy-to-follow bulleted format, guiding you from surgical anatomy and preoperative considerations through operative steps and postoperative care.

[online]

[Childhood glaucoma: a case based color and video atlas](#) / edited by Shikha Gupta, Karthikeyan Mahalingam, Viney Gupta. Springer, 2023



Pediatric glaucoma is an important cause of ocular morbidity and visual impairment, which if diagnosed in time, pays dividend in terms of improved quality of life, visual outcome and less disability associated life years at this young age group. Following a case-based approach, the book covers all

important aspects of pediatric examination beginning from clinical examination, diagnostic investigations and treatment protocols. The video based procedural modules aim to explain standard protocols for performing basic examination in children, such as, under anaesthesia or sedation.

[online]

[Creative CBT with youth: clinical applications using humor, play, superheroes, and improvisation](#) / edited by Robert D. Friedberg, Erica V. Rozmid. Springer, 2022



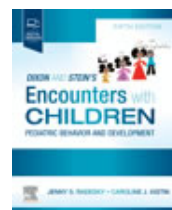
This book combines empirical support, clinical acumen, and practical recommendations in a comprehensive manner to examine creative augmentations to the robust cognitive behavioural therapy (CBT) model. It discusses augmentations that are supported by research and practice

and are also clinical-friendly tools. Each chapter briefly summarizes research findings, offers parsimonious explanations of theoretical concepts and principles, presents vivid descriptions of therapeutic procedures, and describes rich case illustrations. The book addresses the use of humour in CBT with youth, playful

applications of CBT, applications of improvisational theatre in CBT and integrating superheroes into CBT. Key areas covered throughout are the use of humour and irreverent communication in dialectical behaviour therapy (DBT) to enhance outcomes with adolescents, cognitive behavioural play therapy (CBPT) with young children and cognitive Behavioural Psychodrama Group Therapy (CBPGT) with youth.

[online]

[Dixon and Stein's Encounters with children: pediatric behavior and development](#) / edited by Jenny S. Radesky and Caroline J. Kistin. 5th ed. Elsevier, 2026



This book offers a unique, how-to approach to understanding the developmental stages of childhood. It examines typical child development and offers expert guidance on childhood stages, developmental challenges, family

wellbeing, and social determinants of health. From the neonatal visit and newborn exam through to the late adolescent years, this highly regarded reference provides thorough, evidence-based guidance with an emphasis on relationships as central to a child's wellbeing. The book discusses key topics such as childhood depression, digital and social media, educational opportunity, community violence, bullying, learning disabilities, and much more.

[online]

[Essential measurements in pediatric musculoskeletal imaging](#) / edited by Paolo Simoni, Maria Pilar Aparisi Gómez. Springer, 2023



This practical guide presents an up-to-date, comprehensive collection of the most frequently used measurements in musculoskeletal studies carried out in children and adolescents through the different radiological modalities. It covers the measurements applied on various anatomical regions, with additional chapters dedicated to

specific techniques and focused evaluations. It provides radiological images, informative drawings, and diagrams to describe each measurement and explain its applications and role in specific diseases. It also identifies potential difficulties regarding positioning and techniques and offers tips to avoid misinterpretation. This handy reference for everyday use helps practitioners evaluate pediatric musculoskeletal studies by providing precise instructions on how to perform accurate measurements and interpret them to obtain an accurate diagnosis.

Library Update

[online]

[Fever in children: case based learning](#) / by Padmasani Venkat Ramanan and Ramachandran Padmanabhan. Springer, 2024

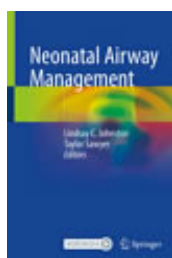


This book describes a practical, case-based approach to diagnosing the cause of fever in children. The presentation simulates everyday challenges in the outpatient clinic and in-patient ward rounds, taking the learner systematically through the process of targeted history and focused clinical examination, which should result in making a provisional clinical diagnosis. A discussion on possible differentials, rational use of investigations, interpretation of lab reports, and treatment follows this.

One of the unique features of this book is the initial note on parental counseling in challenging situations. The chapters provide a system-wise syndromic approach to diagnosing infections through case vignettes. It also includes cases with multisystem involvement and explanations of when to suspect non-infectious causes. This book will be of immense use to paediatric postgraduate trainees and practicing paediatricians. It covers pitfalls in diagnosis, atypical presentations, complications of common illnesses, causes of failure to respond to treatment, and common fallacies in interpreting lab results.

[online]

[Neonatal airway management](#) / edited by Lindsay C. Johnston and Taylor Sawyer. Springer, 2025



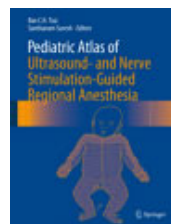
Intubation is one of the most performed procedures in neonatal medicine. The field of neonatal airway management has been transformed by many notable developments over the past 5-10 years. Most importantly, the use of pre-medication, video-laryngoscopy,

and laryngeal masks have been the subject of numerous recent clinical investigations and academic publications. Despite ongoing research, neonatal airway management continues to carry a high risk of complications and both short and long-term morbidities.

The book reviews patient, practice, provider, and system factors important in neonatal airway management. Chapters explore key topic areas including airway management techniques, training, competency assessment, premedication, video laryngoscopy, laryngeal mask airway, and others. This book provides a comprehensive, state-of-the-art review of neonatal airway management, and serves as a valuable resource for clinicians, educators, and researchers involved in neonatal care.

[online]

[Pediatric atlas of ultrasound- and nerve stimulation-guided regional anesthesia](#) / edited by Ban C.H. Tsui and Santhanam Suresh. Springer, 2016



This is the first comprehensive text-atlas that shows how to use ultrasound technology and nerve stimulation techniques to guide regional blockade in children. Clinical chapters follow a sequential, highly illustrated format that provides step-by-step guidance and include cases, clinical pearls, and troubleshooting tips.

Nearly 400 figures, consisting of ultrasound images, MRI images, and schematics, have been assembled to maximize understanding of pediatric neuroanatomy and its relationship to surrounding anatomical structures. To help the novice user, the book features side-by-side presentation of unlabeled and labeled ultrasound images.

The book focuses on common approaches, supplemented in clinical pearls and notes by alternative approaches, and emphasizes dynamic and systematic scanning techniques. It is intended for pediatric anesthesiologists who wish to incorporate regional blockade into their repertoire and designed as a refresher and resource for all regional anesthesiologists seeking to refine their skills.

[online]

[Pediatric neuro-oncology](#) / edited by Katrin Scheinemann and Eric Bouffet. 2nd ed. Springer, 2024



While the first edition of this book provided a succinct introduction to pediatric neuro-oncology, biological knowledge of childhood CNS tumours has “exploded” over the past few years and a new edition of this textbook is needed to keep it up-to-date. This updated edition will include chapters on cancer predisposition in children with brain tumours, gliomas, embryonal brain tumours, ependymoma, CNS-GCT, targeted therapies in pediatric brain tumors, and long-term sequelae.

New developments covered by this book include techniques like DNA methylation have improved the diagnostic process, and have led to an integrated diagnosis of histology, ICH and methylation and tumour pathways have been detected, which defines more subgroups within a tumour entity, and results in more individualized treatment for the patient.

This book also covers the therapeutic options outside the standard combination of surgery, chemotherapy, and radiation have either been implemented within the last years, or are currently under consideration.

Library Update

[online]

[Pediatric robotic surgery](#) / edited by Qiang Shu.
Springer, 2023



Paediatric robotic surgery has been rapidly developed in recent years. This book presents comprehensive and advanced knowledge of different types of paediatric robotic surgery including thoracic, oncologic, abdominal and urologic surgeries.

Each chapter covers indications and contraindications, preoperative preparation, detailed surgical approaches, and post-operative complication management as well as comparison with conventional surgery together with case presentations and video recordings.

This book is a key reference book for paediatric surgeons and residents who would like to learn and to perform paediatric robotic surgery, and also for hospital general managers for how to establish paediatric robotic surgery settings.

[online]

[Pediatric vitreoretinal surgery](#) / edited by Şengül Özdek, Audina Berrocal, Ulrich Spandau. Springer, 2023

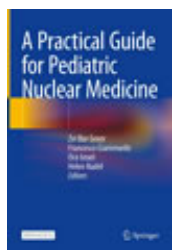


This book provides practical information on how to approach pediatric retinal diseases especially with respect to surgical indications and decisions as well as tips and key points for surgical techniques. Clear and concise chapters highlight pearls, pitfalls and related basic knowledge elements which are supported by video clips to provide a unique reference.

Pediatric Vitreoretinal Surgery is an essential guide for ophthalmologists, ophthalmology residents, vitreoretinal fellows and practicing vitreoretinal surgeons seeking a key resource to support their daily practice for pediatric retinal diseases.

[online]

[A practical guide for pediatric nuclear medicine](#) / edited by Zvi Bar-Sever ... [et al.] Springer, 2023



This book will provide a foundation for the understanding of, and knowledge for a successful routine use of diagnostic nuclear medicine procedures in children through expertise and cases provided by representative busy pediatric nuclear medicine facilities.

It highlights important aspects of nuclear medicine in

children and the differences between adult and pediatric practice where relevant.

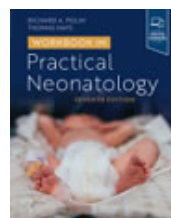
An introductory chapter provides general information detailing the advantages and limitations for performing nuclear medicine tests in children, as well as suggestions on how to approach and provide relevant data to the patients, their parents or next of kin. In the remaining 11 chapters, containing over 115 cases of children evaluated for various clinical indications, procedures are presented and subsequently detailed according to their clinical significance or prevalence based on the clinical experience of the contributors.

The book is organized by organ systems and also includes chapter on oncology and infection and inflammation. The chapters are formatted to provide information regarding clinical indications, preparation including radiopharmaceutical doses and additional medications, study protocol, study interpretation, correlative imaging.

Each chapter includes red flags warning and take home messages sections to emphasize important points. The case format is presented with patient history and then study report and impression.

[online]

[Workbook in practical neonatology](#) / by Rihcard A. Polin and Thomas Hays. 6th ed. Elsevier, 2026



This book uses a highly effective, case-based approach to provide practical clinical guidance on evaluation, diagnosis, and treatment of newborns.

Contributing authors offer case studies followed by questions, answers, and explanations in every chapter. Get authoritative guidance on the problems you're most likely to see in practice, including issues regarding resuscitation, mechanical ventilation, anaemia, fluid therapy, and bronchopulmonary dysplasia.

The 7th edition has been extensively revised, with new authors, new charts and graphs, and many new cases throughout. Key features include organised chapters around case studies, followed by questions and answers that require you to make diagnostic decisions and help you understand how scientific concepts apply to each clinical problem.

This edition guides you step-by-step through patient care with abundant diagnostic algorithms, illustrations, and decision trees.