

# Library Update

No.10, 6<sup>th</sup> November, 2023

## Literature searching: 3 handy research tools

**EvidenceHunt:** Ask any question about clinical evidence to all of PubMed's abstracts

[EvidenceHunt](#) allows you to search for clinical evidence in a quick and effective way.

Rather than using PubMed and searching through many thousands of articles, this tool facilitates clinical evidence at your fingertips using artificial intelligence. You can also consult the latest medical guidelines using the chat interface.

**LitSense:** Search for sentences in more than 30 million biomedical publications

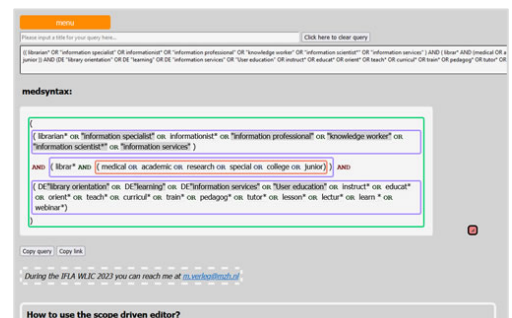
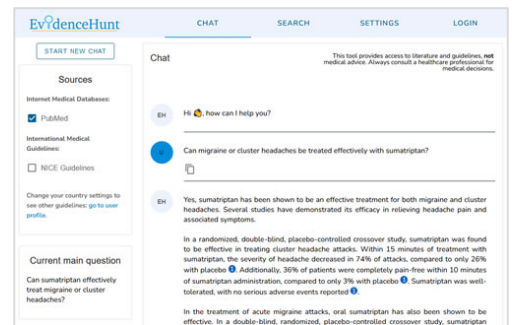
[LitSense](#) is a unique search system for making sense of the biomedical literature at the sentence level, providing a unified access to over half a billion statements extracted from PubMed and PubMed Central.

Given a query, LitSense finds the best-matching sentences based on overlapping terms as well as semantic similarity via a cutting-edge neural embedding approach.

**Medsyntax:** Figure out what's going on with the nested brackets in your search query

[Medsyntax](#) uses HTML elements to effectively visualise your search strategy, simplifying the process of creating very long, single-line searches with many levels of brackets.

A specialised PICO tool allows you to create search queries in the PICO format. Fill in the form, and the tool generates accurate queries. This simplifies evidence-based practice research by facilitating the translation from PICO to search.



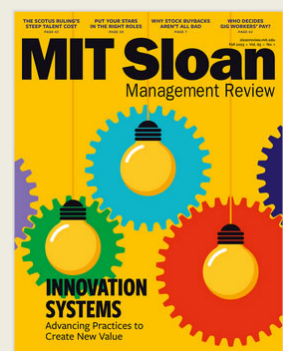
## New journal: MIT Sloan Management Review

MIT Sloan Management Review (MIT SMR) is now available via the Library's [journal database](#).

Search for the title and follow the links for seamless access. Remote access requires an [OpenAthens account](#).

Article coverage is from 1998 to the present, and our subscription also includes access to specialised reports, podcasts, webinars, and newsletters.

Browse by focused topics such as [Leadership](#), [Innovation](#), [Data and AI](#), and [Workplace, Teams & Culture](#).



# Library Update

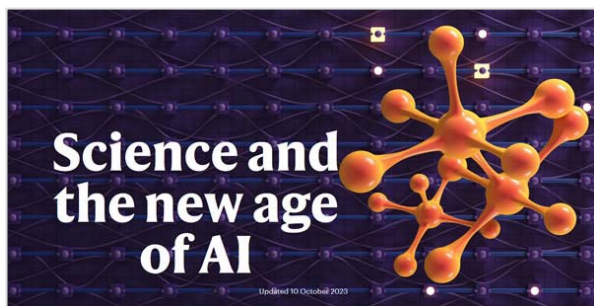
## Science and the new age of AI

Across disciplines as varied as biology, physics, mathematics and social science, artificial intelligence (AI) is transforming the scientific enterprise.

From machine-learning techniques that hunt for patterns in data, to the latest general-purpose algorithms that can generate realistic synthetic outputs from vast corpuses of text and code, AI tools are accelerating the pace of research and providing fresh directions for scientific exploration.

[This special website](#) looks at how these changes are affecting different areas of science — and how it should respond to the challenges the tools present.

It includes selected articles from journalists as well as editorials and comment from Nature, including subscriber-only content. The site will be updated with more content as it is published.



## BMJ Best Practice – latest updates

BMJ Best Practice brings a step-by-step approach to decision support. It is structured around the patient consultation, covering diagnosis, prognosis, treatment, and prevention. **We recommend this resource as an alternative to UpToDate.**

Recently updated topics:

- [Acute varicella-zoster](#)
- [Assessment of chronic cough](#)
- [Coronavirus disease 2019 \(COVID-19\)](#)
- [Influenza infection](#)
- [Juvenile idiopathic arthritis](#)
- [Measles infection](#)
- [Mumps](#)
- [Respiratory syncytial virus infection](#)
- [Rubella](#)

[Download the BMJ Best Practice app](#) for access to BMJ's trusted clinical information on the go.



## Wellbeing and appreciation events

November	Lung Cancer Awareness Month
November 8	World Radiography Day
November 10	World NET Cancer Awareness Day
November 11	Australian Food Safety Week
November 12	World Pneumonia Day
November 13	National Recycling Week
November 14	World Diabetes Day
November 16	International Day for Tolerance
November 17	World Prematurity Day
November 18	World Antimicrobial Awareness Week
November 20	World Children's Day
December 1	World AIDS Day

## Library Training: coming sessions

Improve your literature searching skills at the Library

If you can't make it to the scheduled sessions, [contact us](#) to arrange individual or group sessions at a time that suits you. Charges apply for 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.....	Tue 28 Nov, 10:00 am
Cochrane Library.....	Fri 3 Nov, 9:30 am
EndNote Tutorial 1.....	Mon 6 Nov, 12:00 pm
EndNote Tutorial 2.....	Mon 13 Nov, 12:00 pm
Finding the Evidence.....	Fri 1 Dec, 10:00 am
Introduction to the Library....	Tue 5 Dec, 10:00 am
Ovid Medline.....	Wed 29 Nov, 1:00 pm
PubMed .....	Fri 1 Dec, 11:30 am

# Library Update

## EndNote Tip: Manuscript Matcher

EndNote's *Manuscript Matcher* can suggest the top journals for your manuscript by leveraging indexed data from the *Web of Science Core Collection*, *Journal Citation Reports* and the *Arts and Humanities Citation Index*.

Launch *Manuscript Matcher* in several ways:

1. From the Match tab in [EndNote online](#)
2. Right click a group from the Groups panel in EndNote desktop
3. From the Manuscript Matcher button in the EndNote toolbar in Microsoft Word.

Clarivate | EndNote

My References Collect Organize Format Match Options Downloads

Find the Best Fit Journals for your Manuscript Powered By Web of Science

Enter your Manuscript Details:

\*Title:  
Prevalence and determinants of antibiotic exposure in infants: A population-derived Australian birth cohort study

\*Abstract:  
Aim: The aim of this study was to describe antibiotic exposure in Australian infants during the first year of life, focusing on antibiotic class, indication, risk factors associated with exposure and comparison with international counterparts. Methods: The Barwon Infant Study is a birth cohort study (n = 1074) with an unselected antenatal sampling frame from a large regional centre in Victoria, Australia. Longitudinal data on infection and medication were collected at

\*required

References:  
Campus 2020 RCH

28 citations from Group: Campus 2020 RCH will be included in this search  
Including references allows us to match more data points relevant to your manuscript

Find Journals >

When matches are found, results will show up to ten journals. For each journal, you'll see the match score, journal impact factor, rank, quartile and ISSN.

Compare journals to find the best place to submit your work. Choose the publications you want, and start the process for submitting your work to the ones that match your topic and references.

See this [short video demonstration](#) and additional information at the EndNote website.

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

Find the Best Fit Journals for your Manuscript Powered By Web of Science

10 Journal Matches

< Edit Manuscript Data Expand All Collapse All

Match Score	JCR Impact Factor Current Year   5 Year	Journal	Similar Articles
4.099	3.872 2017   5 Year	DALTON TRANSACTIONS	1
<b>Top Keyword Rankings</b>			
chelatable intracellular zinc		JCR Category	Rank in Category
inhibit thioredoxin reductase		CHEMISTRY, INORGANIC & NUCLEAR	6/45
		Quartile in Category	Q1
<b>Publisher:</b> THOMAS GRAHAM HOUSE, SCIENCE PARK, MELTON RD, CAMBRIDGE CB4 0WF, CAMBS, ENGLAND ISSN: 1477-9226 eISSN: 1477-9234			
4.051	3.593 2017   5 Year	ORGANOMETALLICS	3
3.201	3.181 2017   5 Year	NEW JOURNAL OF CHEMISTRY	0
2.936	3.096 2017   5 Year	RSC ADVANCES	0
2.507	2.381 2017   5 Year	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	0



## MJA Podcast: Improving the health of Aboriginal and Torres Strait Islander children

"Today we are discussing improving the health of Aboriginal and Torres Strait Islander children. My special guest is Professor Fiona Stanley, a prominent epidemiologist, public health researcher and former Australian of the Year." [Listen now](#) (21 mins).

## What's new from NICE

The UK's [National Institute for Health and Care Excellence \(NICE\)](#) has published the following new (or revised) guidelines and quality standards.

- [Acute kidney injury: prevention, detection and management](#) [NG148]
- [Atopic eczema in under 12s: diagnosis and management](#) [CG57]
- [Caesarean birth](#) [NG192]
- [COVID-19 rapid guideline: managing COVID-19](#) [NG191]
- [Obesity: identification, assessment and management](#) [CG189]
- [Otitis media with effusion in under 12s](#) [NG233]
- [Suspected cancer: recognition and referral](#) [NG12]
- [Suspected neurological conditions: recognition and referral](#) [NG127]

Read our end of life care impact report

Find resources to help you put guidance into practice

COVID-19: How we're supporting the health and social care system

Support for industry to engage with us during health technology development

How we decide whether interventional procedures are effective and safe enough for use in the NHS

Free virtual events: hear from expert speakers about issues that have affected health and care

## Health and Science News

### Sorry, the cat deleted your medical records:

No one is safe from keyboard cataclysm.

[\[Medical Republic\]](#)



- **COVID lockdowns altered babies' microbiomes:** Isolation can have lasting effects on the composition of microbes in the gut, but links to other health conditions are still poorly understood. [\[Nature\]](#)
- **Combination COVID-19/flu vaccines are being tested, with Moderna starting phase 3 trials:** There is one limitation with combination vaccines though — the viruses they cover don't necessarily peak at the same time of year. [\[ABC\]](#)
- **To guard against fraud, medical research should be a profession:** Why should medical research be different to doctors, dentists, physiotherapists and vets? [\[Retraction Watch\]](#)
- **Why rings of RNA could be the next blockbuster drug:** The commercial success of RNA vaccines for COVID-19 has revved up interest in circular RNAs as the next generation of therapies. [\[Nature\]](#)
- **Babies better protected against whooping cough if mum is vaccinated during pregnancy:** Babies are 70 per cent less likely to have a pertussis infection in infancy, compared to the those of unvaccinated mothers. [\[Scimex\]](#)
- **Lollipop puts the fun in saliva collection:** Throat swabs are one option to collect samples, but they can induce gagging and are a little invasive, particularly for nervous patients such as children. [\[MedGadget\]](#)
- **Killer 1918 flu didn't pick on the healthy, after all:** Skeletal evidence shows that frail people were more likely to perish during influenza pandemic. [\[Science.org\]](#)
- **Childhood obesity shows slight fall in England:** Splitting the data by gender, boys are more likely to be overweight than girls. [\[BBC\]](#)
- **In war-torn Ukraine, a doctor evacuates children with cancer:** A pediatric oncologist is racing against time to send scores of sick children out of Ukraine for medical aid. [\[Scientific American\]](#)
- **Vaccines could offer fresh hope against respiratory syncytial virus:** If deployed effectively and equitably, this latest generation of vaccines could help to prevent countless deaths and hospitalizations among the young and old. [\[Nature\]](#)
- **Dear journals: stop hoarding our papers:** Why single-submission policies need to die (and what to do in the meantime). [\[Nature\]](#)
- **Enhanced mRNA vaccine may work intranasally:** The vaccine technology is so potent that it may be useful for intranasal COVID-19 vaccines. [\[MedGadget\]](#)
- **Will we still have antibiotics in 50 years? We asked 7 global experts:** The World Health Organization says we're currently losing to the bugs. [\[The Conversation\]](#)
- **Breath powers paediatric prosthetic hand:** The wearable upper limb prosthetic is designed to be affordable, comfortable and intuitive for young users. [\[Lab Online\]](#)
- **AI beats human sleuth at finding problematic images in research papers:** An algorithm that takes just seconds to scan a paper for duplicated images racks up more suspicious images than a person. [\[Nature\]](#)
- **Most of today's gene therapies rely on viruses — and that's a problem:** CRISPR and new approaches to delivery may help treat rare diseases. [\[Science News\]](#)
- **First malaria vaccine slashes early childhood mortality:** Huge analysis of RTS,S in Africa shows it decreased toddler deaths by 13%. [\[Science.org\]](#)
- **New youth gender services further delayed:** There is currently a waiting list of about 8,000 children and young people wanting to use the service. [\[BBC\]](#)
- **COVID-19 vaccination for pregnant mothers linked to fewer serious health complications for their babies:** Researchers say those exposed to vaccination had lower rates of death, intensive care unit admission, hospital admission and severe morbidity within the first six months of life. [\[Scimex\]](#)
- **What went wrong with a highly publicized COVID mask analysis?:** The Cochrane Library misled the public by prioritizing rigor over reality. [\[Scientific American\]](#)
- **This is the largest map of the human brain ever made:** Researchers catalogue more than 3,000 different types of cell in our most complex organ. [\[Nature\]](#)

Article titles are linked to full text where available, or to information about ordering documents. An [OpenAthens account](#) is required for remote access.

- Abo, Y.N., Jamrozik, E., McCarthy, J.S., Roestenberg, M., Steer, A.C. and Osowicki, J.** [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.], 'Strategic and scientific contributions of human challenge trials for vaccine development: facts versus fantasy', [Lancet Infectious Diseases 2023; August \[Epub ahead of print\]](#)
- Aledo-Serrano, A., Battaglia, G., Blenkinsop, S., Delanty, N., Elbendary, H.M., Eyal, S., Guekht, A., Gulcebi, M.I., Henshall, D.C., Hildebrand, M.S., Macrohon, B., Madaan, P., Mifsud, J., Mills, J.D., Neill, K.H., Romagnolo, A., Vezzani, A. and Sisodiya, S.M.** [Neuroscience Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Erratum to ' Taking action on climate change: testimonials and position statement from the International League Against Epilepsy Climate Change Commission' [Seizure volume 106, March 2023, pages 68-75]', [Seizure 2023; vol.111, pp.164](#)
- Analytis, P., Warren, N., Crichton, A., Knight, S. and Ponsford, J.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Coping and wellbeing in families with a child with acquired brain injury compared with families in the community', [Disability and Rehabilitation 2022; vol.44\(25\), pp.7993-8000 \(full text via Document Delivery\)](#)
- Bahadori, A., Ritz, N. and Zimmermann, P.** [Department of Paediatrics, University of Melbourne; Infectious Diseases Research Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Diagnosis and treatment of Lyme disease in children', [Archives of Disease in Childhood. Education and Practice Edition 2023; September \[Epub ahead of print\]](#)
- Bai, A., Dai, S., Hung, J., Kirpalani, A., Russell, H., Elder, J., Shah, S., Carty, C. and Tan, Z.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Multicenter validation of deep learning algorithm ROP.AI for the automated diagnosis of plus disease in ROP', [Translational Vision Science and Technology 2023; vol.12\(8\), article no. 13](#)
- Baird, S.M., Wong, D., Levi, E. and Robinson, P.** [Department of Otolaryngology, Department of Respiratory Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Otolaryngological burden of disease in children with primary ciliary dyskinesia in Victoria, Australia', [International Journal of Pediatric Otorhinolaryngology 2023; vol.173, article no. 111722](#)
- Bauman, B.M., Dorjbal, B., Pittaluga, S., Zhang, Y., Niemela, J.E., Stoddard, J.L., Rosenzweig, S.D., Anderson, R., Guilcher, G.M.T., Auer, I., Perrier, R., Campbell, M., Bhandal, S.K., Alba, C., Sukumar, G., Dalgard, C.L., Schelotto, M., Wright, N.A.M., Su, H.C. and Snow, A.L.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Subcutaneous panniculitis-like T-cell lymphoma in two unrelated individuals with BENTA disease', [Clinical Immunology 2023; vol.255, article no. 109732](#)
- Bell, M.F., Segal, L., Dennison, S., Kinner, S.A., Dawe, S., Spittal, M.J. and Preen, D.B.** [Centre for Adolescent Health, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Numeracy and literacy attainment of children exposed to maternal incarceration and other adversities: a linked data study', [Journal of School Psychology 2023; vol.100, article no. 101241](#)
- Bhatia, M.R., Malhotra, A., Bansal, U., Singh, J.V. and Kumar, A.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Using the Endsley model to evaluate simulation-based situation awareness training for medical and nursing

# Library Update

students in India: a qualitative analysis', [Simulation in Healthcare 2023; vol.18\(4\), pp.247-254 \(full text via Document Delivery\)](#)

**Biggs, S.N., Halliday, J. and Hammarberg, K.** [Reproductive Epidemiology, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Psychological consequences of a diagnosis of infertility in men: a systematic analysis', [Asian Journal of Andrology 2023; August \[Epub ahead of print\]](#)

**Billich, N., O'Brien, K., Fredwall, S.O., Lee, M., Savarirayan, R. and Davidson, Z.E.** [Molecular Therapies, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'A scoping review of nutrition issues and management strategies in individuals with skeletal dysplasia', [Genetics in Medicine 2023; vol.25\(10\), article no. 100920](#)

**Binks, M.J., Bleakley, A.S., Pizzutto, S.J., Lamberth, M., Powell, V., Nelson, J., Kirby, A., Morris, P.S., Simon, D., Mulholland, E.K., Rathnayake, G., Leach, A.J., D'Antoine, H., Licciardi, P.V., Snelling, T. and Chang, A.B.** [New Vaccines Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Randomised controlled trial of perinatal vitamin D supplementation to prevent early-onset acute respiratory infections among Australian First Nations children: the 'D-Kids' study protocol', [BMJ Open Respiratory Research 2023; vol.10\(1\), article no. e001646](#)

**Bluett-Duncan, M., Astill, D., Charbak, R., Clayton-Smith, J., Cole, S., Cook, P.A., Cozens, J., Keely, K., Morris, J., Mukherjee, R., Murphy, E., Turnpenny, P., Williams, J., Wood, A.G., Yates, L.M. and Bromley, R.L.** [Clinical Sciences, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Neurodevelopmental outcomes in children and adults with fetal valproate spectrum disorder: a contribution from the ConcePTION project', [Neurotoxicology and Teratology 2023; vol.100, article no. 107292](#)

**Boast, A., How, J.A., Lau, C., Sett, A., Gilby, D., Burke, A., McWhinney, B., Wright, C., Tramontana, A., Globan, M., Denholm, J., Graham, S.M. and Osowicki, J.** [Department of Paediatrics, University of Melbourne; Infectious Diseases Unit, Department of General Medicine, Royal Children's Hospital; Antimicrobials Research Group, Tropical Diseases Research Group, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Pre-XDR congenital tuberculosis in an extremely premature baby', [Clinical Infectious Diseases 2023; September \[Epub ahead of print\]](#)

**Bollen, J., Hempton, C., Bhatia, N. and Tibballs, J.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Feasibility of organ donation following voluntary assisted dying in Australia: lessons from international practice', [Medical Journal of Australia 2023; vol.219\(5\), pp.202-205](#)

**Bonthrone, A.F., Green, D., Morgan, A.T., Mankad, K., Clark, C.A. and Liégeois, F.J.** [Speech and Language Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Attention and motor profiles in children with developmental coordination disorder: a neuropsychological and neuroimaging investigation', [Developmental Medicine and Child Neurology 2023; September \[Epub ahead of print\]](#)

**Brandenburg, C., Crilly, J., Thomas, S., Gardiner, P., Kinner, S.A., Heffernan, E., Lincoln, C., Somerville, A., Davidson, P., Wilson, D., Green, D. and Byrnes, J.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Police perspectives on the economic considerations of providing healthcare in short-term custodial settings in Australia', [Medicine, Science, and the Law 2023; September \[Epub ahead of print\] \(full text via Document Delivery\)](#)

**Buckberry, S., Liu, X., Poppe, D., Tan, J.P., Sun, G., Chen, J., Nguyen, T.V., de Mendoza, A., Pflueger, J., Frazer, T., Vargas-Landín, D.B., Paynter, J.M., Smits, N., Liu, N.,**

# Library Update

**Ouyang, J.F., Rossello, F.J., Chy, H.S., Rackham, O.J.L., Laslett, A.L., Breen, J., Faulkner, G.J., Nefzger, C.M., Polo, J.M. and Lister, R.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Transient naive reprogramming corrects hiPS cells functionally and epigenetically', [Nature 2023; vol.620\(7975\). pp.863-872](#)

**Bueno, M., Ballantyne, M., Campbell-Yeo, M., Estabrooks, C., Gibbins, S., Harrison, D., McNair, C., Riahi, S., Squires, J., Synnes, A., Taddio, A., Victor, C., Yamada, J. and Stevens, B.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'A longitudinal observational study on the epidemiology of painful procedures and sucrose administration in hospitalized preterm neonates', [Paediatric and Neonatal Pain 2023; August \[Epub ahead of print\]](#)

**Butt, W.** [Intensive Care Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The lactate-albumin ratio predicts multiple organ dysfunction syndrome and death, but is it ready to use?', [Pediatric Critical Care Medicine 2023; vol.24\(9\), pp.785-787](#)

**Butters, A., Blanch, B., Kemp-Casey, A., Do, J., Yeates, L., Leslie, F., Semsarian, C., Nedkoff, L., Briffa, T., Ingles, J. and Sweeting, J.** [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The Australian Genetic Heart Disease Registry: protocol for a data linkage study', [JMIR Research Protocols 2023; vol.12, article no. e48636](#)

**Canaud, G., Gutierrez, J.C.L., Irvine, A.D., Vabres, P., Hansford, J.R., Ankrah, N., Branle, F., Papadimitriou, A., Ridolfi, A., O'Connell, P., Turner, S. and Adams, D.M.** [Children's Cancer Centre, Royal Children's Hospital; Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Alpelisib for treatment of patients with PIK3CA-related overgrowth spectrum (PROS)', [Genetics in Medicine 2023; vol.25\(12\), article no. 100969](#)

**Cardenas-Brown, C., Lucas, R.D., Buttery, J., Britton, P.N., Wood, N., Singh-Grewal, D. and Burgner, D.** [Infection and Immunity Theme, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Live vaccines following intravenous immunoglobulin for Kawasaki disease: are we vaccinating appropriately?', [Journal of Paediatrics and Child Health 2023; September \[Epub ahead of print\]](#)

**Carew, P., Shepherd, D.A., Smith, L., Soh, Q.R. and Sung, V.** [Murdoch Children's Research Institute; Centre for Community Child Health, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Language and health-related quality of life outcomes of children early-detected with unilateral and mild bilateral hearing loss', [Frontiers in Pediatrics 2023; vol.11, article no. 1210282](#)

**Carey, J.J., Toovey, R., Spittle, A.J., Imms, C. and Shields, N.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Exploring adaptive cycling interventions for young people with disability: an online survey of providers in Australia', [Journal of Clinical Medicine 2023; vol.12\(17\), article no. 5523](#)

**Carey, M.E., et al.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Global diversity and antimicrobial resistance of typhoid fever pathogens: insights from a meta-analysis of 13,000 Salmonella Typhi genomes', [eLife 2023; vol.12, article no. e85867](#)

**Chang, Y., Wacker, J., Ingles, J., Macciocca, I., King, I., Semsarian, C., McGaughran, J., Weintraub, R.G. and Bagnall, R.D.** [Department of Cardiology, Royal Children's Hospital; Clinical Sciences, Victorian Clinical Genetics Services, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'TBX20 loss-of-function variants in families with left ventricular non-compaction cardiomyopathy', [Journal of Medical Genetics 2023; September \[Epub ahead of print\]](#)

# Library Update

**Chapman, B., Wong, D., Starkey, G., Jones, R., Holmes, K., Yap, J. and Testro, A.**

[Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Intestinal transplantation: the Australian experience', [Transplantation 2023; vol.107\(Suppl. 1\), pp.83](#)

**Charitakis, N., Salim, A., Piers, A.T., Watt, K.I., Porrello, E.R., Elliott, D.A. and**

**Ramialison, M.** [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; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Disparities in spatially variable gene calling highlight the need for benchmarking spatial transcriptomics methods', [Genome Biology 2023; vol.24\(1\), article no. 209](#)

**Coombs, S., Pittet, L.F., Tang, K. and Gwee, A.** [Department of Pharmacy and General

Medicine, Royal Children's Hospital; Antimicrobials Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Incidence and predisposing factors for flucloxacillin-related hepatotoxicity in children', [Journal of Antimicrobial Chemotherapy 2023; September \[Epub ahead of print\]](#)

**Cooper, M.S. and Imms, C.** [Department of Neurodevelopment & Disability, Royal

Children's Hospital; Neurodisability and Rehabilitation, Clinical Sciences, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Editorial highlights from the comorbidities and complications of cerebral palsy special issue', [Journal of Clinical Medicine 2023; vol.12\(16\), article no. 5329](#)

**Corrente, C., Satkumaran, S., Segal, A., Butters, C., Fernandez, C., Babl, F.E., Orme,**

**L.M., Thursky, K. and Haeusler, G.M.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Children's Cancer Centre, Department of Emergency Medicine, Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Evaluating the accuracy and efficacy of an electronic medical record alert to identify paediatric patients with low-risk febrile neutropenia', [International Journal of Medical Informatics 2023; vol.178, article no. 105205](#)

**Crowe, L.M., Rausa, V.C., Anderson, V., Borland, M.L., Kochar, A., Lyttle, M.D., Gilhotra,**

**Y., Dalziel, S.R., Oakley, E., Furyk, J., Neutze, J., Bressan, S., Davis, G.A. and Babl, F.E.** [Clinical Sciences, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Emergency Department, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Mild traumatic brain injury characteristics and symptoms in preschool children: how do they differ to school age children? A multicenter prospective observational study', [Archives of Physical Medicine and Rehabilitation 2023; September \[Epub ahead of print\]](#)

**Dalton, M., Sanderson, B., Robinson, L.J., Homer, C.S.E., Pomat, W., Danchin, M. and**

**Vaccher, S.** [Department of General Medicine, Royal Children's Hospital; Vaccine Uptake Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Impact of COVID-19 on routine childhood immunisations in low- and middle-income countries: a scoping review', [PLOS Global Public Health 2023; vol.3\(8\), article no. e0002268](#)

**Dargaville, P.A., Kamlin, C.O.F., Orsini, F., Wang, X., De Paoli, A.G., Kanmaz Kutman,**

**H.G., Cetinkaya, M., Kornhauser-Cerar, L., Derrick, M., Özkan, H., Hulzebos, C.V., Schmölzer, G.M., Aiyappan, A., Lemyre, B., Kuo, S., Rajadurai, V.S., O'Shea, J., Biniwale, M., Ramanathan, R., Kushnir, A., Bader, D., Thomas, M.R., Chakraborty, M., Buksh, M.J., Bhatia, R., Sullivan, C.L., Shinwell, E.S., Dyson, A., Barker, D.P., Kugelman, A., Donovan, T.J., Goss, K.C.W., Tauscher, M.K., Murthy, V., Ali, S.K.M., Clark, H.W., Soll, R.F., Johnson, S., Cheong, J.L.Y., Carlin, J.B. and Davis, P.G.** [Clinical Epidemiology and Biostatistics Unit, Clinical Sciences, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne,



# Library Update

Parkville, Vic., Australia.], 'Two-year outcomes after minimally invasive surfactant therapy in preterm infants: follow-up of the OPTIMIST-A randomized clinical trial', [JAMA 2023; vol.330\(11\), pp.1054-1063](#)

**Deschamp, A.R., Chen, Y., Wang, W.F., Rasic, M., Hatch, J., Sanders, D.B., Ranganathan, S.C., Ferkol, T., Perkins, D., Finn, P. and Davis, S.D.** [Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'The association between gut microbiome and growth in infants with cystic fibrosis', [Journal of Cystic Fibrosis 2023; August \[Epub ahead of print\]](#)

**Deuis, J.R., Kumble, S., Keramidas, A., Ragnarsson, L., Simons, C., Pais, L., White, S.M. and Vetter, I.** [Murdoch Children's Research Institute; Victorian Clinical Genetics Services, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Erythromelalgia caused by the missense mutation p.Arg220Pro in an alternatively spliced exon of SCN9A (Nav1.7)', [Human Molecular Genetics 2023; September \[Epub ahead of print\]](#)

**D'Gama, A.M., Mulhern, S., Sheidley, B.R., Boodhoo, F., Buts, S., Chandler, N.J., Cobb, J., Curtis, M., Higginbotham, E.J., Holland, J., Khan, T., Koh, J., Liang, N.S.Y., McRae, L., Nesbitt, S.E., Oby, B.T., Paternoster, B., Patton, A., Rose, G., Scotchman, E., Valentine, R., Wiltrout, K.N., Hayeems, R.Z., Jain, P., Lunke, S., Marshall, C.R., Rockowitz, S., Sebire, N.J., Stark, Z., White, S.M., Chitty, L.S., Cross, J.H., Scheffer, I.E., Chau, V., Costain, G., Poduri, A., Howell, K.B. and McTague, A.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Neurology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Evaluation of the feasibility, diagnostic yield, and clinical utility of rapid genome sequencing in infantile epilepsy (Gene-STEPS): an international, multicentre, pilot cohort study', [Lancet Neurology 2023; vol.22\(9\), pp.812-825](#)

**Do, L.A.H., Le, N.T.N., Mahmud, S., Mulholland, K., Pecenka, C. and Clark, A.** [New Vaccines Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Impact and cost-effectiveness of strategies to prevent respiratory syncytial virus (RSV) disease in Vietnam: a modelling study', [Vaccine 2023; September \[Epub ahead of print\]](#)

**Donato, C.M., Handley, A., Byars, S.G., Bogdanovic-Sakran, N., Lyons, E.A., Watts, E., Ong, D.S., Pavlic, D., Thobari, J.A., Satria, C.D., Nirwati, H., Soenarto, Y. and Bines, J.E.** [Enteric Diseases Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Gastroenterology and Clinical Nutrition, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Vaccine take of RV3-BB rotavirus vaccine observed in Indonesian infants regardless of HBGA status', [Journal of Infectious Diseases 2023; August \[Epub ahead of print\]](#)

**Doroud, N., King, A., Zirnsak, T.M., Brasier, C., Hall, T., Jordan, H. and Brophy, L.** [Centre for Community Child Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Creating "an oasis of hope, inclusion and connection": students and stakeholders' experiences of a pilot Recovery College', [Journal of Mental Health 2023; August \[Epub ahead of print\]](#)

**Downie, S., Walsh, J., Kirk-Brown, A. and Haines, T.P.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'How can scope of practice be described and conceptualised in medical and health professions? A systematic review for scoping and content analysis', [International Journal of Health Planning and Management 2023; vol.38\(5\), pp.1184-1211](#)

**Dragojlovic, N., Borle, K., Kopac, N., Nisselle, A., Nuk, J., Jevon, M., Friedman, J.M., Elliott, A.M. and Lynd, L.D.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Workforce implications of increased referrals to hereditary cancer services in Canada: a scenario-based analysis', [Current Oncology 2023; vol.30\(8\), pp.7241-7251](#)

# Library Update

**Eigenmann, P., Akenroye, A., AtanaskovicMarkovic, M., Candotti, F., Ebisawa, M., Genuneit, J., Kalayci, O., Kollmann, D., Leung, A.S.Y., Peters, R.L. and Riggioni, C.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Pediatric Allergy and Immunology (PAI) is for polishing with artificial intelligence, but careful use', [Pediatric Allergy and Immunology 2023; vol.34\(9\), article no. e14023](#)

**English, M., Aluvaala, J., Maina, M., Duke, T. and Irimu, G.** [Intensive Care Unit, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Quality of inpatient paediatric and newborn care in district hospitals - authors' reply', [Lancet Global Health 2023; vol.11\(10\), pp.e1514-e1515](#)

**Espenschied, T., Lawford, R., Zacharin, M. and Gray, L.E.** [Department of Endocrinology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Simultaneous diagnosis of primary adrenal insufficiency and Type 1 diabetes mellitus', [Journal of Paediatrics and Child Health 2023; vol.59\(10\), pp.1175-1177](#)

**Fabiano, F., Takagi, M., Anderson, N., Babl, F.E., Bressan, S., Clarke, C., Davies, K., Davis, G.A., Dunne, K., Hearps, S., Ignjatovic, V., Rausa, V.C., Seal, M. and Anderson, V.** [Clinical Sciences Research, Murdoch Children's Research Institute; Emergency Department, Department of Rehabilitation, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Fatigue recovery and connected factors following paediatric concussion', [British Journal of Sports Medicine 2023; September \[Epub ahead of print\]](#)

**Fan, X.R., et al.** [Developmental Imaging, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'A longitudinal resource for population neuroscience of school-age children and adolescents in China', [Scientific Data 2023; vol.10\(1\), article no. 545](#)

**Fan, Y., Han, B., Zhang, Y., Guo, Y., Li, W., Chen, H., Meng, C., Penington, A., Schneider, P., Pei, Y., Chen, G. and Xu, T.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Facial Science, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Natural reference structures for three-dimensional maxillary regional superimposition in growing patients', [BMC Oral Health 2023; vol.23\(1\), article no. 655](#)

**Frank, D., Bergamasco, M., Mlodzianoski, M., Kueh, A., Tsui, E., Hall, C., Kastrappis, G., Voss, A.K., McLean, C., Faux, M., Rogers, K., Tran, B., Vincan, E., Komander, D., Dewson, G. and Tran, H.** [Neuro-Oncology Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Trabid patient mutations impede the axonal trafficking of adenomatous polyposis coli to disrupt neurite growth', [bioRxiv 2023; July \[Epub ahead of print\]](#)

**Garza, D., Hildebrand, M.S., Penington, A.J., Brown, N. and de Silva, M.G.** [Department of Paediatrics, University of Melbourne; Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Plastic and Maxillofacial Surgery, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Australian healthcare professionals' perspectives on genetic counseling and genetic diagnosis in vascular anomalies', [Journal of Genetic Counseling 2023; August \[Epub ahead of print\]](#)

**George, A.D., Paul, S., Wang, T., Huynh, K., Giles, C., Mellett, N., Duong, T., Nguyen, A., Geddes, D., Mansell, T., Saffery, R., Vuillermin, P., Ponsonby, A.L., Burgner, D., Burugupalli, S. and Meikle, P.J.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Defining the lipid profiles of human milk, infant formula, and animal milk: implications for infant feeding', [Frontiers in Nutrition 2023; vol.10, article no. 1227340](#)

**Graco, M., Ruehland, W.R., Schembri, R., Churchward, T.J., Saravanan, K., Sheers, N. and Berlowitz, D.J.** [Clinical Epidemiology Biostatistics Unit, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Prevalence of central sleep apnoea in

# Library Update

people with tetraplegic spinal cord injury: a retrospective analysis of research and clinical data', [Sleep 2023; September \[Epub ahead of print\]](#)

**Green, T.E., Fujita, A., Ghaderi, N., Heinzen, E.L., Matsumoto, N., Klein, K.M., Berkovic, S.F. and Hildebrand, M.S.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Brain mosaicism of hedgehog signalling and other cilia genes in hypothalamic hamartoma', [Neurobiology of Disease 2023; vol.185, article no. 106261](#)

**Gruen, A., Mattingly, K.R., Morwitch, E., Bossaerts, F., Clifford, M., Nash, C., Ioannidis, J.P.A. and Ponsonby, A.L.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Machine learning augmentation reduces prediction error in collective forecasting: development and validation across prediction markets with application to COVID events', [eBioMedicine 2023; vol.96, article no. 104783](#)

**Ha, T.T., Burgess, R., Newman, M., Moey, C., Mandelstam, S.A., Gardner, A.E., Ivancevic, A.M., Pham, D., Kumar, R., Smith, N., Patel, C., Malone, S., Ryan, M.M., Calvert, S., van Eyk, C.L., Lardelli, M., Berkovic, S.F., Leventer, R.J., Richards, L.J., Scheffer, I.E., Gecz, J. and Corbett, M.A.** [Department of Paediatrics, University of Melbourne; Department of Medical Imaging, Department of Neurology, Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Aicardi syndrome is a genetically heterogeneous disorder', [Genes 2023; vol.14\(8\), article no. 1565](#)

**Haas, M.A., Madelli, E.O., Brown, R., Prictor, M. and Boughtwood, T.** [Murdoch Children's Research Institute, Parkville, Vic, Australia.], 'Evaluation of CTRL: a web application for dynamic consent and engagement with individuals involved in a cardiovascular genetic disorders cohort', [European Journal of Human Genetics 2023; September \[Epub ahead of print\]](#)

**Hansford, H.J., Cashin, A.G., Jones, M.D., Swanson, S.A., Islam, N., Dahabreh, I.J., Dickerman, B.A., Egger, M., Garcia-Albeniz, X., Golub, R.M., Lodi, S., Moreno-Betancur, M., Pearson, S.A., Schneeweiss, S., Sterne, J., Sharp, M.K., Stuart, E.A., Hernan, M.A., Lee, H. and McAuley, J.H.** [Clinical Epidemiology & Biostatistics Unit, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Development of the TrAnsparent ReportinG of observational studies Emulating a Target trial (TARGET) guideline', [BMJ Open 2023; vol.13\(9\), article no. e074626](#)

**Harris, M., Hart, J., Bhattacharya, O. and Russell, F.M.** [Asia-Pacific Health Group, Infection, Immunity and Global Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Risk factors for SARS-CoV-2 infection during the early stages of the COVID-19 pandemic: a systematic literature review', [Frontiers in Public Health 2023; vol.11, article no. 1178167](#)

**Harris, R.V., Oliver, K.L., Perucca, P., Striano, P., Labate, A., Riva, A., Grinton, B.E., Reid, J., Hutton, J., Todaro, M., O'Brien, T.J., Kwan, P., Sadleir, L.G., Mullen, S.A., Dazzo, E., Crompton, D.E., Scheffer, I.E., Bahlo, M., Nobile, C., Gambardella, A. and Berkovic, S.F.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Familial mesial temporal lobe epilepsy: clinical spectrum and genetic evidence for a polygenic architecture', [Annals of Neurology 2023; vol.94\(5\), pp.825-835](#)

**He, L.L.H., Foo, G., Kenna, K.R., Douglas, E., Fatmou, M., Sutton, R.J., Perkins, E.J., Sourial, M., Pereira-Fantini, P.M., Tingay, D.G. and Sett, A.** [Neonatal Research, Translational Research Unit, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Lung ultrasound detects regional aeration inhomogeneity in ventilated preterm lambs', [Pediatric Research 2023; August \[Epub ahead of print\]](#)

# Library Update

- Heath, O., Pandithan, D., Pitt, J., Savva, E., Raiti, L., Bracken, J., Vandeleur, M., Delatycki, M.B., Yapfitee, J., Hardikar, W. and Halligan, R.** [Department of Metabolic Medicine, Department of Radiology, Department of Respiratory Medicine, Department of Gastroenterology, Royal Children's Hospital; Victorian Clinical Genetics Services, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Interstitial lung disease and pancreatic exocrine insufficiency in CADD5: phenotypic expansion and literature review', [JIMD Reports 2023; vol.64\(5\), pp.337-345](#)
- Herren, A., Palmer, C.S., Landolt, M.A., Lehner, M., Neuhaus, T.J. and Simma, L.** [Trauma Service, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Pediatric trauma and trauma team activation in a Swiss pediatric emergency department: an observational cohort study', [Children 2023; vol.10\(8\), article no. 1377](#)
- Hibberd, J., Leontini, J., Scott, T., Pillow, J.J., Miedema, M., Rimensberger, P.C. and Tingay, D.G.** [Neonatal Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Neonatal high-frequency oscillatory ventilation: where are we now?', [Archives of Disease in Childhood. Fetal and Neonatal Edition 2023; September \[Epub ahead of print\]](#)
- Hilton, Z., Hoq, M., Danchin, M. and Kaufman, J.** [Vaccine Uptake Group, Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; National Child Health Poll, Department of General Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Reducing COVID-19 vaccine decisional conflict in parents of 5-11-year-old children in Australia: a single arm pre-post study', [Vaccines 2023; vol.11\(8\), article no. 1296](#)
- Hocking, J.S., Watson, C., Chondros, P., Sawyer, S.M., Ride, J., Temple-Smith, M., Boyle, D., Skinner, R., Patton, G.C., Lim, M.S.C., Pirkis, J., Johnson, C., Newton, S., Wardley, A., Blashki, G., Guy, R., Dalziel, K. and Sanci, L.** [Centre for Adolescent Health, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Will a fee-for-service payment for a young people's health assessment in general practice increase the detection of health risk behaviours and health conditions? Protocol for a cluster randomised controlled trial (RAd Health Trial)', [BMJ Open 2023; vol.13\(8\), article no. e074154](#)
- Huth, E.A., Zhao, X., Owen, N., Luna, P.N., Vogel, I., Dorf, I.L.H., Joss, S., Clayton-Smith, J., Parker, M.J., Louw, J.J., Gewillig, M., Breckpot, J., Kraus, A., Sasaki, E., Kini, U., Burgess, T., Tan, T.Y., Armstrong, R., Neas, K., Ferrero, G.B., Brusco, A., Kerstjens-Frederikse, W.S., Rankin, J., Helvaty, L.R., Landis, B.J., Geddes, G.C., McBride, K.L., Ware, S.M., Shaw, C.A., Lalani, S.R., Rosenfeld, J.A. and Scott, D.A.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Clinical exome sequencing efficacy and phenotypic expansions involving anomalous pulmonary venous return', [European Journal of Human Genetics 2023; September \[Epub ahead of print\]](#)
- Hyde, C., Fuelscher, I., Efron, D., Anderson, V.A. and Silk, T.J.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Adolescents with ADHD and co-occurring motor difficulties show a distinct pattern of maturation within the corticospinal tract from those without: a longitudinal fixed-based study', [Human Brain Mapping 2023; vol.44\(16\), pp.5504-5513](#)
- Ihle, E., Thompson, J., Butt, W. and Namachivayam, S.P.** [Cardiac Intensive Care Unit, Royal Children's Hospital; Clinical Sciences, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'High risk of necrotising enterocolitis in term-born neonates with CHD

# Library Update

delivered by caesarean section: a case-control study', [Cardiology in the Young 2023; August \[Epub ahead of print\]](#)

**Irani, Z.A., Sheridan, A.M.C., Silk, T.J., Anderson, V., Weinborn, M. and Gavett, B.E.** [Clinical Sciences, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Modeling the development of cognitive reserve in children: a residual index approach', [Journal of the International Neuropsychological Society 2023; September \[Epub ahead of print\]](#)

**Islam, S.M.S., et al.** [Department of Paediatrics, University of Melbourne; Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The burden and trend of diseases and their risk factors in Australia, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019', [Lancet Public Health 2023; vol.8\(8\), pp.e585-e599](#)

**Izanlou, S., Afshar, A., Zare, A., Zhilibayeva, K.R., Bakhshalizadeh, S., Safaei, Z., Sehat-Bakhsh, S., Khaledi, S., Asgari, H.R., Kazemnejad, S., Ajami, M., Ajami, M., Dehghan Tarzjani, M., Najafzadeh, V., Kouchakian, M.R., Mussin, N.M., Kaliyev, A.A., Aringazina, R.A., Mahdipour, M., Shirazi, R. and Tamadon, A.** [Reproductive Development, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Enhancing differentiation of menstrual blood-derived stem cells into female germ cells using a bilayer amniotic membrane and nano-fibrous fibroin scaffold', [Tissue and Cell 2023; vol.85, article no. 102215](#)

**Janca, E., Keen, C., Willoughby, M., Young, J.T. and Kinner, S.A.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Sex differences in acute health service contact after release from prison in Australia: a data linkage study', [Public Health 2023; vol.223, pp.240-248](#)

**Jaskova, P., Palarea-Albaladejo, J., Gaba, A., Dumuid, D., Pedisic, Z., Pelclova, J. and Hron, K.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Compositional functional regression and isotemporal substitution analysis: methods and application in time-use epidemiology', [Statistical Methods in Medical Research 2023; vol.32\(10\), pp.2064-2080](#)

**Jian, A., Goh, A., Zacharin, M. and King, J.** [Department of Endocrinology, Royal Children's Hospital; Department of Endocrinology, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Triple A syndrome: an unusual association with plurihormonal pituitary neuroendocrine tumour', [Clinical Neurology and Neurosurgery 2023; vol.233, article no. 107939](#)

**Kengia, J.T., Kalolo, A., Barash, D., Chwa, C., Hayirli, T.C., Kapologwe, N.A., Kinyaga, A., Meara, J.G., Staffa, S.J., Zania, N. and Alidina, S.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Research capacity, motivators and barriers to conducting research among healthcare providers in Tanzania's public health system: a mixed methods study', [Human Resources for Health 2023; vol.21\(1\), article no. 73](#)

**Kilgour, G., Stott, N.S., Steele, M., Adair, B., Hogan, A. and Imms, C.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'More than just having fun! Understanding the experience of involvement in physical activity of adolescents living with cerebral palsy', [Disability and Rehabilitation 2023; September \[Epub ahead of print\]](#)

**Kilgour, G., Stott, N.S., Steele, M., Adair, B., Hogan, A. and Imms, C.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Effects of a 12 week community-based high-level mobility programme on sustained participation in physical activity by adolescents with cerebral palsy: a single subject research design study', [Disability and Rehabilitation 2023; September \[Epub ahead of print\]](#)

# Library Update

- King, G.L., Macdonald, J.A., Greenwood, C.J., Kehoe, C., Dunsmore, J.C., Havighurst, S.S., Youssef, G.J., Berkowitz, T.S. and Westrupp, E.M.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Profiles of parents' emotion socialization within a multinational sample of parents', [Frontiers in Psychology 2023; vol.14, article no. 1161418](#)
- Kuiper, J.M.L., Borry, P., Vears, D.F., Van Esch, H., Cornel, M.C. and Van Hoyweghen, I.** [Biomedical Ethics Research Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Dealing with ambivalence in the practice of advanced genetic healthcare: towards an ethical choreography', [European Journal of Human Genetics 2023; August \[Epub ahead of print\]](#)
- Landry, S.A., Mann, D.L., Beare, R., McIntyre, R., Beatty, C., Thomson, L.D.J., Collet, J., Joosten, S.A., Hamilton, G.S. and Edwards, B.A.** [Developmental Imaging, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Oronasal vs nasal masks: the impact of mask type on CPAP requirement, pharyngeal critical closing pressure (Pcrit), and upper airway cross-sectional areas in patients with OSA', [Chest 2023; vol.164\(3\), pp.747-756](#)
- Lau, R.C., Anderson, P.J., Wiley, J.F., Huang, D., Surjatin, F., McIntosh, P., Gathercole, S. and Spencer-Smith, M.** [Victorian Infant Brain Studies (VIBeS), Clinical Sciences, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Working memory training for children using the adaptive, self-select, and stepwise approaches to setting the difficulty level of training activities: protocol for a randomized controlled trial', [JMIR Research Protocols 2023; vol.12, article no. e47496](#)
- Lauretta, M.L., Jarmolowicz, A., Amor, D.J., Best, S. and Morgan, A.T.** [Australian Genomics, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'An investigation of barriers and enablers for genetics in speech-language pathology explored through a case study of childhood apraxia of speech', [Journal of Speech, Language, and Hearing Research 2023; September \[Epub ahead of print\] \(full text via Document Delivery\)](#)
- Lawrence, J., Hiscock, H. and South, M.** [Electronic Medical Record Team, Royal Children's Hospital; Health Services Research Unit, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Bronchiolitis - the simple things in life...', [Hospital Pediatrics 2023; vol.13\(10\), pp.e314-e318](#)
- Le, H., Vien, N.T., Dang, T.N., Ware, R.S., Phung, D., Thai, P.K., Ranganathan, S., Vinh, N.N., Dung, P.H.T., Thanh, H.N., Dung, T.T.T., Hien, T.T., Sly, P.D. and Le An, P.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Wearing masks as a protective measure for children against traffic-related air pollution: a comparison of perceptions between school children and their caregivers in Ho Chi Minh City, Vietnam', [Tropical Medicine and International Health 2023; vol.28\(9\), pp.753-762](#)
- Leung, R., Mignone, C., Kornberg, A.J., Freeman, J.L. and Yiu, E.M.** [Department of Neurology, Department of Medical Imaging, Royal Children's Hospital; Neuroscience Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Multiple cranial neuropathies in an adolescent with myelin-oligodendrocyte glycoprotein antibody-associated disease', [Journal of Paediatrics and Child Health 2023; September \[Epub ahead of print\]](#)
- Lieschke, K., Scott, V., Delatycki, M.B., Lewis, S., Munsie, M., Tanner, C. and Corben, L.A.** [Bruce Lefroy Centre for Genetic Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic, Australia.], 'How great a risk do you take? A qualitative study exploring attitudes of individuals with Friedreich ataxia towards gene therapy', [Human Gene Therapy 2023; August \[Epub ahead of print\] \(full text via Document Delivery\)](#)

# Library Update

- Lim, A.S., Walker, S., Bothe, T., Gray, H., Liu, E. and Ong, E.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Investigating how preregistrant pharmacists respond in job interviews', [American Journal of Pharmaceutical Education 2023; vol.87\(8\), article no. 100107 \(full text via Document Delivery\)](#)
- Liu, C., Tian, J., Jose, M.D., Dwyer, T. and Venn, A.J.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Metabolic syndrome and inflammation from young to mid-adulthood and subclinical kidney damage in middle-aged Australians', [Metabolic Syndrome and Related Disorders 2023; August \[Epub ahead of print\] \(full text via Document Delivery\)](#)
- Liyanage, K., Samarakoon, H., Parameswaran, S. and Gamaarachchi, H.** [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'minimap2-fpga: Integrating hardware-accelerated chaining for efficient end-to-end long-read sequence mapping', [bioRxiv 2023; June \[Epub ahead of print\]](#)
- Long, D., Anderson, V.A., Crossley, L., Sood, N.T., Charles, K.R., MacDonald, A.D., Bora, S., Pestell, C.F., Murrell, K., Pride, N.A., Anderson, P.J., Badawi, N., Rose, B., Baillie, H., Masterson, K., Chumbes Flores, J., Sherring, C., Raman, S., Beca, J., Erickson, S., Festa, M., Anderson, B.W., Venugopal, P., Yim, D., Andrews, D., Cheung, M., Brizard, C., Gentles, T.L., Iyengar, A., Nicholson, I., Ayer, J., Butt, W., Schlapbach, L.J. and Gibbons, K.S.** [Clinical Sciences, Murdoch Children's Research Institute; Psychology Service, Department of Cardiology, Department of Cardiac Surgery, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Longitudinal cohort study investigating neurodevelopmental and socioemotional outcomes in school-entry aged children after open heart surgery in Australia and New Zealand: the NITRIC follow-up study protocol', [BMJ Open 2023; vol.13\(8\), article no. e075429](#)
- Loo, S., Roberts, A.W., Anstee, N.S., Kennedy, G.A., He, S.Z., Schwarzer, A.P., Enjeti, A.K., D'Rozario, J., Marlton, P., Bilmon, I., Taper, J.M., Cull, G., Tiley, C., Verner, E., Hahn, U., Hiwase, D.K., Iland, H.J., Murphy, N.E., Ramanathan, S., Reynolds, J., Ong, D.M., Tiong, I.S., Wall, M., Murray, M., Rawling, T., Leadbetter, J., Rowley, L., Latimer, M., Yuen, S.L.S., Ting, S.B., Fong, C.Y., Morris, K.L., Bajel, A., Seymour, J.F., Levis, M.J. and Wei, A.H.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Sorafenib plus intensive chemotherapy in newly diagnosed FLT3-ITD AML: a randomized, placebo-controlled study by the ALLG', [Blood 2023; August \[Epub ahead of print\]](#)
- Lowther, C., Valkanas, E., Giordano, J.L., Wang, H.Z., Currall, B.B., O'Keefe, K., Pierce-Hoffman, E., Kurtas, N.E., Whelan, C.W., Hao, S.P., Weisburd, B., Jalili, V., Fu, J., Wong, I., Collins, R.L., Zhao, X., Austin-Tse, C.A., Evangelista, E., Lemire, G., Aggarwal, V.S., Lucente, D., Gauthier, L.D., Tolonen, C., Sahakian, N., Stevens, C., An, J.Y., Dong, S., Norton, M.E., MacKenzie, T.C., Devlin, B., Gilmore, K., Powell, B.C., Brandt, A., Vetrini, F., DiVito, M., Sanders, S.J., MacArthur, D.G., Hodge, J.C., O'Donnell-Luria, A., Rehm, H.L., Vora, N.L., Levy, B., Brand, H., Wapner, R.J. and Talkowski, M.E.** [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Systematic evaluation of genome sequencing for the diagnostic assessment of autism spectrum disorder and fetal structural anomalies', [American Journal of Human Genetics 2023; vol.110\(9\), pp.1454-1469 \(full text via Document Delivery\)](#)
- Luo, D., Ma, N., Liu, Y., Yan, X., Ma, J., Song, Y., Patton, G.C. and Sawyer, S.M.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute; Centre for Adolescent Health, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Long-term trends and urban-rural disparities in the physical growth of children and adolescents in China: an analysis of five national school surveys over three decades', [Lancet Child and Adolescent Health 2023; vol.7\(11\), pp.762-772](#)

# Library Update

**Lynch, D.R., Goldsberry, A., Rummey, C., Farmer, J., Boesch, S., Delatycki, M.B., Giunti, P., Hoyle, J.C., Mariotti, C., Mathews, K.D., Nachbauer, W., Perlman, S., Subramony, S.H., Wilmot, G., Zesiewicz, T., Weissfeld, L. and Meyer, C.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Propensity matched comparison of omaveloxolone treatment to Friedreich ataxia natural history data', [Annals of Clinical and Translational Neurology 2023; September \[Epub ahead of print\]](#)

**Mackay, M.T., Chen, J., Shapiro, J., Pastore-Wapp, M., Slavova, N., Grunt, S., Stojanovski, B., Steinlin, M., Beare, R.J. and Yang, J.Y.** [Department of Neurology, Neuroscience Advanced Clinical Imaging Service (NACIS), Department of Neurosurgery, Royal Children's Hospital; Neuroscience Research, Developmental Imaging, Brain and Mind, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Association of acute infarct topography with development of cerebral palsy and neurological impairment in neonates with stroke', [Neurology 2023; vol.101\(15\), pp.e1509-e1520](#)

**Magnussen, C., Saner, C., Burgner, D., Juonala, M. and Sabin, M.** [Inflammatory Origins, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Longitudinal association between NMR metabolomic lipid profiles and carotid intima-media thickness among youth with severe obesity', [Atherosclerosis 2023; vol.379\(Suppl. 1\), pp.S46](#)

**Maleche-Obimbo, E., Attia, E., Were, F., Jaoko, W. and Graham, S.M.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Prevalence, clinical presentation and factors associated with chronic lung disease among children and adolescents living with HIV in Kenya', [PLoS ONE 2023; vol.18\(8\), article no. e0289756](#)

**Mallett, A., Stark, Z., Fehlberg, Z., Best, S. and Goranitis, I.** [Australian Genomics, Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Determining the utility of diagnostic genomics: a conceptual framework', [Human Genomics 2023; vol.17\(1\), article no. 75](#)

**Maltby, V., Xavier, A., Ewing, E., Campagna, M.P., Sampangi, S., Scott, R.J., Butzkueven, H., Jokubaitis, V., Kular, L., Bos, S., Slee, M., Van Der Mei, I.A., Taylor, B.V., Ponsonby, A.L., Jagodic, M., Lea, R. and Lechner-Scott, J.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Evaluation of cell-specific epigenetic age acceleration in people with multiple sclerosis', [Neurology 2023; vol.101\(7\), pp.E679-E689](#)

**Mansell, T., Bekkering, S., Longmore, D., Magnussen, C.G., Vlahos, A., Harcourt, B.E., McCallum, Z., Kao, K.T., Sabin, M.A., Juonala, M., Saffery, R., Burgner, D.P. and Saner, C.** [Murdoch Children's Research Institute; Department of Endocrinology, Neurodevelopment and Disability, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Change in adiposity is associated with change in glycoprotein acetyls but not hsCRP in adolescents with severe obesity', [Obesity Research and Clinical Practice 2023; vol.17\(4\), pp.343-348](#)

**Marshall, M., Malik, A., Shah, M., Fish, F.A., Etheridge, S.P., Aziz, P.F., Russell, M.W., Tisma, S., Pflaumer, A., Sreeram, N., Kubus, P., Law, I.H., Kantocho, M.J., Kertesz, N.J., Strieper, M., Erickson, C.C., Moore, J.P., Nakano, S.J., Singh, H.R., Chang, P., Cohen, M., Fournier, A., Ilina, M.V., Zimmermann, F., Horndasch, M., Li, W., Batra, A.S., Liberman, L., Hamilton, R., Janson, C.M., Sanatani, S., Zeltser, I., McDaniel, G., Blaufox, A.D., Garnreiter, J.M. and Balaji, S.** [Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Patterns of electrocardiographic



# Library Update

abnormalities in children with hypertrophic cardiomyopathy', [Pediatric Cardiology 2023; September \[Epub ahead of print\]](#)

**Martino, D.J., Bui, D.S., Li, S., Idrose, S., Perret, J., Lowe, A., Lodge, C., Bowatte, G., Moodley, Y., Thomas, P.S., Zosky, G., Hansbro, P.M., Holloway, J., Svanske, C., Faner, R., Walters, E.H. and Dharmage, S.C.** [Centre for Food and Allergy Research, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Genetic and epigenetic associations with pre-COPD lung function trajectories', [American Journal of Respiratory and Critical Care Medicine 2023; August \[Epub ahead of print\]](#)

**Massie, J.** [Children's Bioethics Centre, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Jumping in puddles and other goods of childhood', [Archives of Disease in Childhood 2023; vol.108\(9\), pp.689-690](#)

**Mattingley, S., Youssef, G.J., Graeme, L., Sloan, E., Manning, V. and Hall, K.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Negative urgency, distress tolerance, and symptoms of substance use, eating, and borderline personality disorders in treatment-seeking young people', [Journal of Clinical Psychology 2023; August \[Epub ahead of print\]](#)

**McCormick, E.M., Keller, K., Taylor, J.P., Coffey, A.J., Shen, L., Krotoski, D., Harding, B., Alves, C.A.P.F., Ardisson, A., Bai, R., de Barcelos, I.P., Bertini, E., Bluske, K., Christodoulou, J., Clause, A.R., Copeland, W.C., Diaz, G.A., Diodato, D., Dulik, M.C., Enns, G., Feigenbaum, A., Fratter, C., Ghezzi, D., Goldstein, A., Gropman, A., Haas, R., Karaa, A., Koenig, M.K., Monteleone, B., Parikh, S., Duenas, B.P., Rajkumar, R., Saada, A., Saneto, R.P., Sergeant, K., Shoffner, J., Smith, C., Stanley, C., Thiffault, I., Thorburn, D., Walker, M., Wallace, D., Wong, L.J., Gai, X., Falk, M.J., Zolkipli-Cunningham, Z. and Rahman, S.** [Brain and Mitochondrial Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville. Vic., Australia.], 'Expert panel curation of 113 primary mitochondrial disease genes for the Leigh syndrome spectrum', [Annals of Neurology 2023; vol.94\(4\), pp.696-712](#)

**McDougall, F., Gordon, D., Robins-Browne, R., Bennett-Wood, V., Boardman, W.S.J., Graham, P.L. and Power, M.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Characterisation of typical enteropathogenic Escherichia coli (tEPEC) lineages and novel bfpA variants detected in Australian fruit bats (Pteropus poliocephalus)', [Science of the Total Environment 2023; vol.902, article no. 166336](#)

**McGregor, R., Paterson, A., Sharma, P., Chen, T., Lovell, J.R., Carlton, L.H., Steer, A.C., Osowicki, J., Loh, J.M.S. and Moreland, N.J.** [Tropical Diseases Research Group, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Naturally acquired functional antibody responses to group A Streptococcus differ between major strain types', [mSphere 2023; September \[Epub ahead of print\]](#)

**McGuinness, A.J., Loughman, A., Foster, J.A. and Jacka, F.** [Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Mood disorders: the gut bacteriome and beyond', [Biological Psychiatry 2023; September \[Epub ahead of print\]](#)

**McGurk, K.A., Zhang, X., Theotokis, P., Thomson, K., Harper, A., Buchan, R.J., Mazaika, E., Ormondroyd, E., Wright, W.T., Macaya, D., Pua, C.J., Funke, B., MacArthur, D.G., Prasad, S.K., Cook, S.A., Allouba, M., Aguib, Y., Yacoub, M.H., O'Regan, D.P., Barton, P.J.R., Watkins, H., Bottolo, L. and Ware, J.S.** [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The penetrance of rare variants in cardiomyopathy-associated genes: a cross-sectional approach to estimating penetrance for secondary findings', [American Journal of Human Genetics 2023; vol.110\(9\), pp.1482-1495](#)

# Library Update

- McMahan, J. and Savulescu, J.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Reasons and reproduction: gene editing and genetic selection', [American Journal of Bioethics 2023; September \[Epub ahead of print\]](#)
- Mellerio, J.E., Pillay, E.I., Ledwaba-Chapman, L., Bisquera, A., Robertson, S.J., Papanikolaou, M., McGrath, J.A., Wang, Y., Martinez, A.E. and Jeffs, E.** [Department of Dermatology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Itch in recessive dystrophic epidermolysis bullosa: findings of PEBLES, a prospective register study', [Orphanet Journal of Rare Diseases 2023; vol.18\(1\), article no. 235](#)
- Michel, C., Martin, C., Smeesters, P., Goffard, J.C., Demuyser, T. and Hallin, M.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia], 'Next-generation sequencing: what are the needs in routine clinical microbiology? A survey among clinicians involved in infectious diseases practice', [Frontiers in Medicine 2023; vol.10, article no. 1225408](#)
- Moussaoui, D., O'Connell, M.A., Elder, C.V., Grover, S.R. and Pang, K.C.** [Department of Paediatric and Adolescent Gynaecology, Department of Endocrinology and Diabetes, Department of Adolescent Medicine, Royal Children's Hospital; Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Characteristics of menstrual suppression and its association with mental health in transgender adolescents', [Obstetrics and Gynecology 2023; vol.142\(5\), pp.1096-1104](#)
- Munro, C.B., Walker, E.N., Schembri, R., Moussaoui, D. and Grover, S.R.** [Department of Paediatric and Adolescent Gynaecology, Department of Neurology, Royal Children's Hospital; Clinical Epidemiology and Biostatistics Unit, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Periods shouldn't bring any adolescents' world to a full stop. Period. An online survey of adolescents' experience of menstruation', [Journal of Pediatric and Adolescent Gynecology 2023; September \[Epub ahead of print\]](#)
- Murthy, S.K., Kuenzig, M.E., Windsor, J.W., Matthews, P., Tandon, P., Benchimol, E.I., Bernstein, C.N., Bitton, A., Coward, S., Jones, J.L., Kaplan, G.G., Lee, K., Targownik, L.E., Peña-Sánchez, J.N., Rohatinsky, N., Ghandeharian, S., Meka, S., Chis, R.S., Gupta, S., Cheah, E., Davis, T., Weinstein, J., Im, J.H.B., Goddard, Q., Gorospe, J., Loschiavo, J., McQuaid, K., D'Addario, J., Silver, K., Oppenheim, R. and Singh, H.** [Department of Gastroenterology and Clinical Nutrition, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The 2023 impact of inflammatory bowel disease in Canada: cancer and IBD', [Journal of the Canadian Association of Gastroenterology 2023; vol.6\(Suppl. 2\), pp.S83-s96](#)
- Murthy, S.K., Weizman, A.V., Kuenzig, M.E., Windsor, J.W., Kaplan, G.G., Benchimol, E.I., Bernstein, C.N., Bitton, A., Coward, S., Jones, J.L., Lee, K., Peña-Sánchez, J.N., Rohatinsky, N., Ghandeharian, S., Sabrie, N., Gupta, S., Brar, G., Khan, R., Im, J.H.B., Davis, T., Weinstein, J., St-Pierre, J., Chis, R., Meka, S., Cheah, E., Goddard, Q., Gorospe, J., Kerr, J., Beaudion, K.D., Patel, A., Russo, S., Blyth, J., Blyth, S., Charron-Bishop, D. and Targownik, L.E.** [Department of Gastroenterology and Clinical Nutrition, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The 2023 impact of inflammatory bowel disease in Canada: treatment landscape', [Journal of the Canadian Association of Gastroenterology 2023; vol.6\(Suppl. 2\), pp.S97-s110](#)
- Mynard, J.P., Kowalski, R., Harrington, H.A., Kondiboyina, A., Smolich, J.J. and Cheung, M.M.H.** [Heart Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Cardiology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Superiority of a representative MRI flow waveform over doppler ultrasound for aortic wave reflection assessment in children and adolescents with/without history of heart disease', [Annals of Biomedical Engineering 2023; August \[Epub ahead of print\]](#)

# Library Update

- Nevin, S.M., McGill, B.C., Kelada, L., Hilton, G., Maack, M., Elvidge, K.L., Farrar, M.A., Baynam, G., Katz, N.T., Donovan, L., Grattan, S., Signorelli, C., Bhattacharya, K., Nunn, K. and Wakefield, C.E.** [Victorian Paediatric Palliative Care Program, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The psychosocial impact of childhood dementia on children and their parents: a systematic review', [Orphanet Journal of Rare Diseases 2023; vol.18\(1\), article no. 277](#)
- Noé, A., Dang, T.D., Axelrad, C., Burrell, E., Germano, S., Elia, S., Burgner, D., Perrett, K.P., Curtis, N. and Messina, N.L.** [Infection, Immunity and Global Health, Population Health, Murdoch Children's Research Institute; Infectious Diseases Unit, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'BNT162b2 COVID-19 vaccination in children alters cytokine responses to heterologous pathogens and toll-like receptor agonists', [Frontiers in Immunology 2023; vol.14, article no. 1242380](#)
- Oehler, J.B., Wright, H., Stark, Z., Mallett, A.J. and Schmitz, U.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'The application of long-read sequencing in clinical settings', [Human Genomics 2023; vol.17\(1\), article no. 73](#)
- Olds, T., Singh, B., Miatke, A., Eglitis, E., Maher, C. and Dumuid, D.** [Centre for Adolescent Health, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The association between socioeconomic status and use of time in Australian children and adolescents', [Journal of Adolescent Health 2023; September \[Epub ahead of print\]](#)
- Ovchinnikov, D.A., Jong, S., Cuddy, C., Scheffer, I.E., Maljevic, S. and Petrou, S.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Generation of an iPSC line (FINi001-A) from a girl with developmental and epileptic encephalopathy due to a heterozygous gain-of-function p.R1882Q variant in the voltage-gated sodium channel Na(v)1.2 protein encoded by the SCN2A gene', [Stem Cell Research 2023; vol.71, article no. 103179](#)
- Painter, F.L., Booth, A.T., Letcher, P., Olsson, C.A. and McIntosh, J.E.** [Centre for Adolescent Health, Royal Children's Hospital; Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'The lived experience of stress for parents in the context of COVID-19-related disruption', [Family Relations 2023; vol.72\(4\), pp.1511-1531](#)
- Patel, H., Burgner, D. and Whittaker, E.** [Infection and Immunity Theme, Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Multisystem inflammatory syndrome in children: a longitudinal perspective on risk factors and future directions', [Pediatric Research 2023; September \[Epub ahead of print\]](#)
- Pearce, L.A., Borschmann, R., Young, J.T. and Kinner, S.A.** [Justice Health Group, Centre for Adolescent Health, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Advancing cross-sectoral data linkage to understand and address the health impacts of social exclusion: challenges and potential solutions', [International Journal of Population Data Science 2023; vol.8\(1\), article no. 2116](#)
- Pennell, T., Calder, N. and Glubb-Smith, K.J.** [Emergency Department, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'A quality improvement approach to improving recognition of Māori tamariki (children) and assessing barriers to culturally responsive care in a paediatric ward setting', [Child: Care, Health and Development 2023; September \[Epub ahead of print\]](#)
- Pereira-Fantini, P.M., Kenna, K.R., Fatmou, M., Sett, A., Douglas, E., Dahm, S., Sourial, M., Fang, H., Greening, D.W. and Tingay, D.G.** [Neonatal Research Group, Murdoch Children's Research Institute; Animal Services, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Impact of tidal volume

# Library Update

strategy at birth on initiating lung injury in preterm lambs', [American Journal of Physiology. Lung Cellular and Molecular Physiology 2023; September \[Epub ahead of print\] \(full text via Document Delivery\)](#)

**Peris, M., Crompton, K., Shepherd, D.A. and Amor, D.J.** [Neurodisability and Rehabilitation, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Neurodevelopment and Disability, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The association between hCG and adverse pregnancy outcomes: a systematic review and meta-analysis', [American Journal of Obstetrics and Gynecology 2023; August \[Epub ahead of print\]](#)

**Phillips, A., Jiang, Y., Walsh, D., Andrews, N., Artama, M., Clothier, H., Cullen, L., Deng, L., Escolano, S., Gentile, A., Gidding, G., Giglio, N., Junker, T., Huang, W., Janjua, N., Kwong, J., Li, J., Nasreen, S., Naus, M., Naveed, Z., Pillsbury, A., Stowe, J., Vo, T., Buttery, J., Petousis-Harris, H., Black, S. and Hviid, A.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Background rates of adverse events of special interest for COVID-19 vaccines: a multinational Global Vaccine Data Network (GVDN) analysis', [Vaccine 2023; vol.41\(42\), pp.6227-6238](#)

**Phillips, T., Brierty, A., Goodchild, D., Patritti, B.L., Murphy, A., Boocock, M., Dwan, L., Passmore, E., McGrath, M. and Edwards, J.** [Gait Analysis Laboratory, Royal Children's Hospital; Developmental Imaging, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Australia and New Zealand Clinical Motion Analysis Group (ANZ-CMAG) clinical practice recommendations', [Gait and Posture 2023; vol.106, pp.1-10](#)

**Piel, F.B., Rees, D.C., DeBaun, M.R., Nnodu, O., Ranque, B., Thompson, A.A., Ware, R.E., Abboud, M.R., Abraham, A., Ambrose, E.E., Andemariam, B., Colah, R., Colombatti, R., Conran, N., Costa, F.F., Cronin, R.M., de Montalembert, M., Elion, J., Esrick, E., Greenway, A.L., Idris, I.M., Issom, D.Z., Jain, D., Jordan, L.C., Kaplan, Z.S., King, A.A., Lloyd-Puryear, M., Oppong, S.A., Sharma, A., Sung, L., Tshilolo, L., Wilkie, D.J. and Ohene-Frempong, K.** [Department of Clinical Haematology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Defining global strategies to improve outcomes in sickle cell disease: a Lancet Haematology Commission', [Lancet Haematology 2023; vol.10\(8\), pp.e633-e686](#)

**Pittet, L.F., Moore, C.L., McDonald, E., Barry, S., Bonten, M., Campbell, J., Croda, J., Dalcolmo, M., Davidson, A., Douglas, M.W., Gardiner, K., Gwee, A., Jardim, B., Lacerda, M.V.G., Lucas, M., Lynn, D.J., Manning, L., de Oliveira, R.D., Perrett, K.P., Prat-Aymerich, C., Richmond, P.C., Rocha, J.L., Rodriguez-Baño, J., Warris, A., Wood, N.J., Messina, N.L. and Curtis, N.** [Infectious Diseases Group, Clinical Epidemiology and Biostatistics Unit, Melbourne Children's Trial Centre, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Infectious Diseases, Research Operations, Department of Allergy and Immunology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Bacillus Calmette-Guérin vaccination for protection against recurrent herpes labialis: a nested randomised controlled trial', [EClinicalMedicine 2023; vol.64, article no. 102203](#)

**Pope, N., Jones, S., Crellin, D., Palmer, G., South, M. and Harrison, D.** [Royal Children's Hospital; Murdoch Children's Research Institute; Department Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], '"Seeing the light in the shade of it": primary caregiver and youth perspectives on using an inpatient portal for pain care during hospitalization', [Pain 2023; August \[Epub ahead of print\]](#)

**Punchihewa, N. and Rodrigues, M.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'A comprehensive review of dermoscopy in melasma', [Clinical and Experimental Dermatology 2023; August \[Epub ahead of print\]](#)

**Qian, Y., Dharmage, S.C., Hamilton, G.S., Lodge, C.J., Lowe, A.J., Zhang, J., Bowatte, G., Perret, J.L. and Senaratna, C.V.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Longitudinal risk factors for obstructive sleep apnea: a systematic review', [Sleep Medicine Reviews 2023; vol.71, article no. 101838](#)

# Library Update

- Rimbaldo, K., Frayman, K.B. and Shanthikumar, S.** [Respiratory and Sleep Medicine, Royal Children's Hospital; Respiratory Diseases, Murdoch Research Children's Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'The impact of telehealth based care on paediatric cystic fibrosis outcomes', [Journal of Cystic Fibrosis 2023; vol.22\(4\), pp.706-709](#)
- Ross, H., Scroggie, C., Singhal, S., Phan, T.G., Garner, L., Legro, I., Morris, S., Blanc, F. and Milne, S.C.** [Bruce Lefroy Centre for Genetic Health Research, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'What happens in a public health acute stroke unit? The role of allied health', [Medicine Today 2023; vol.24\(8\), pp.26-32 \(full text via Document Delivery\)](#)
- Rowe, S.L., Leder, K., Sundaresan, L., Wollersheim, D., Lawrie, J., Stephens, N., Cowie, B.C., Nolan, T.M. and Cheng, A.C.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Excess mortality among people with communicable diseases over a 30-year period, Victoria, Australia: a whole of population cohort study', [Lancet Regional Health - Western Pacific 2023; vol.38, article no. 100815](#)
- Rudd, I., Gill, G., Buckley, M. and Downie, L.** [Victorian Clinical Genetics Service, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'An incidental finding in prenatal exome sequencing - a case study and review of the clinical and ethical considerations', [American Journal of Medical Genetics. Part A 2023; August \[Epub ahead of print\] \(full text via Document Delivery\)](#)
- Ruethers, T., Johnston, E.B., Karnaneedi, S., Nie, S., Nugraha, R., Taki, A.C., Kamath, S.D., Williamson, N.A., Mehr, S.S., Campbell, D.E. and Lopata, A.L.** [Centre for Food and Allergy Research, Murdoch Children's Research Institute; Paediatric Allergy and Immunology Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Commercial shellfish skin prick test extracts show critical variability in allergen repertoire', [Allergy 2023; August \[Epub ahead of print\]](#)
- Russell, F.M., Curtis, N. and Carlin, J.** [Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Lifting universal school masking - Covid-19 incidence among students and staff', [New England Journal of Medicine 2023; vol.389\(6\), pp.578-579](#)
- Saxena, R., Elefanty, A., Labonne, T., Ng, E. and Stanley, E.** [Novo Nordisk Foundation Center for Stem Cell Medicine (reNEW), Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], '3170 - tracking development of Runx1+ hemogenic endothelium in vitro', [Experimental Hematology 2023; vol.124\(Suppl.\), pp.S134](#)
- Schlapbach, L.J., Gibbons, K.S., Butt, W., Kannankeril, P.J., Li, J.S. and Hill, K.D.** [Intensive Care Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Improving outcomes for infants after cardiopulmonary bypass surgery for congenital heart disease: a commentary on recent randomized controlled trials', [Pediatric Critical Care Medicine 2023; August \[Epub ahead of print\]](#)
- Schweiger, M., Amodeo, A., Vierecke, J., Hussein, H., Berger, F., de By, T., Zimpfer, D., Sliwka, J., Davies, B., Miera, O. and Meyns, B.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Use of implantable cardioverter-defibrillator in children supported with ventricular assist device: an analysis of data from the EUROMACS registry', [Artificial Organs 2023; vol.47\(8\), pp.1319-1325 \(full text via Document Delivery\)](#)
- Schweiger, M., Hussein, H., de By, T., Zimpfer, D., Sliwka, J., Davies, B., Miera, O. and Meyns, B.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Use of intracorporeal durable LVAD support in children using HVAD or HeartMate 3-A EUROMACS analysis', [Journal of Cardiovascular Development and Disease 2023; vol.10\(8\), article no. 351](#)

# Library Update

- Segal, L. and Hiscock, H.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Child abuse and premature mortality: disrupting the harm cascade', [Medical Journal of Australia 2023; vol.219\(7\), pp.301-302](#)
- Senserrick, T., Möller, H., Boufous, S., Stevenson, M., Williamson, A., Patton, G., McLean, R., Chen, H.Y., Cullen, P., Woodward, M. and Ivers, R.** [Centre for Adolescent Development, Royal Children's Hospital; Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Learning with a supervisor who has traffic offences and young driver crashes: the DRIVE study 13-year follow-up', [Journal of Adolescent Health 2023; vol.73\(5\), pp.859-865](#)
- Sevastidis, A., Wannan Arachchige Dona, S., Gold, L., Sciberra, E., Coghill, D. and Le, H.N.D.** [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Social gradient in use of health services and health-related quality of life of children with attention-deficit/hyperactivity disorder: a systematic review', [JCPP Advances 2023; vol.3\(3\), article no. e12170](#)
- Shaw, A.G., et al.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Defining a research agenda for environmental wastewater surveillance of pathogens', [Nature Medicine 2023; vol.29, pp.2155-2157](#)
- Singer-Berk, M., Gudmundsson, S., Baxter, S., Seaby, E.G., England, E., Wood, J.C., Son, R.G., Watts, N.A., Karczewski, K.J., Harrison, S.M., MacArthur, D.G., Rehm, H.L. and O'Donnell-Luria, A.** [Centre for Population Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Advanced variant classification framework reduces the false positive rate of predicted loss-of-function variants in population sequencing data', [American Journal of Human Genetics 2023; vol.110\(9\), pp.1496-1508 \(full text via Document Delivery\)](#)
- Singh, J.K. and Menahem, S.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'The five "S"s and the "SNOO" Smart Sleeper-non-pharmacological interventions (NPI) to promote sleep and reduce crying of infants: a scoping review', [Translational Pediatrics 2023; vol.12\(8\), pp.1527-1539](#)
- Soler-Garcia, A., Gamell, A., Monsonís, M., Korta-Murua, J.J., Espiau, M., Rincón-López, E., Rodríguez-Molino, P., Pérez-Porcuna, T., Bustillo-Alonso, M., Santiago, B., Tebruegge, M. and Noguera-Julian, A.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The value of the second QuantiFERON-TB Gold-Plus antigen tube at diagnosis and at treatment completion in Spanish children with tuberculosis', [Pediatric Infectious Disease Journal 2023; vol.42\(11\), pp.1017-1020](#)
- Stefanski, A., Pérez-Palma, E., Brünger, T., Montanucci, L., Gati, C., Klöckner, C., Johannesen, K.M., Goodspeed, K., Macnee, M., Deng, A.T., Aledo-Serrano, Á., Borovikov, A., Kava, M., Bouman, A.M., Hajianpour, M.J., Pal, D.K., Engelen, M., Hagebeuk, E.E.O., Shinawi, M., Heidlebaugh, A.R., Oetjens, K., Hoffman, T.L., Striano, P., Freed, A.S., Futtrup, L., Balslev, T., Abulí, A., Danvoye, L., Lederer, D., Balci, T., Nabavi Nouri, M., Butler, E., Drewes, S., van Engelen, K., Howell, K.B., Houry, J., May, P., Trinidad, M., Froelich, S., Lemke, J.R., Tiller, J., Freed, A.N., Kang, J.Q., Wuster, A., Møller, R.S. and Lal, D.** [Department of Neurology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'SLC6A1 variant pathogenicity, molecular function, and phenotype: a genetic and clinical analysis', [Brain 2023; August \[Epub ahead of print\]](#)
- Sung, V., Ching, T.Y.C., Smith, L., Marnane, V., Saetre-Turner, M., King, A., Beswick, R., Iseli, C.E. and Carew, P.** [Prevention Innovation, Population Health, Murdoch Children's Research Institute; Centre for Community Child Health, Otolaryngology Department, Royal Children's Hospital; Department of Paediatrics, University of

# Library Update

Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Mild matters: trial learnings and importance of community engagement in research for early identified bilateral mild hearing loss', [Frontiers in Pediatrics 2023; vol.11, article no. 1197739](#)

**Swanepoel, H.F., Matthews, H.S., Claes, P., Vandermeulen, D. and Oettle, A.C.** [Facial Sciences, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'A statistical shape model for estimating missing soft tissues of the face in a black South African population', [Journal of Prosthodontics 2023; August \[Epub ahead of print\] \(full text via Document Delivery\)](#)

**Sypek, M., Francis, A. and Chadban, S.** [Department of Nephrology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Predicting graft survival in pediatric kidney transplantation: does the box fit?', [American Journal of Transplantation 2023; vol.23\(10\), pp.1481-1482](#)

**Takagi, M., Ball, G., Babl, F.E., Anderson, N., Chen, J., Clarke, C., Davis, G.A., Hearps, S.J.C., Pascouau, R., Cheng, N., Rausa, V.C., Seal, M., Shapiro, J.S. and Anderson, V.** [Murdoch Children's Research Institute; Department of Rehabilitation Medicine, Emergency Department, Psychology Service, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Examining post-concussion white matter change in a pediatric sample', [NeuroImage: Clinical 2023; vol.39, article no. 103486](#)

**Taki, A.C., Ruethers, T., Nugraha, R., Karnaneedi, S., Williamson, N.A., Nie, S., Leeming, M.G., Mehr, S.S., Campbell, D.E. and Lopata, A.L.** [Centre for Food and Allergy Research, Murdoch Children's Research Institute; Department of Allergy and Immunology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Thermostable allergens in canned fish: evaluating risks for fish allergy', [Allergy 2023; August \[Epub ahead of print\]](#)

**Timofeeva, M., Lav, C., Cheung, M.M.H. and Ooi, A.** [Department of Cardiology, Royal Children's Hospital; Heart Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Numerical simulation of the cavopulmonary connection flow with conduit stenoses of varying configurations', [Computers in Biology and Medicine 2023; vol.164, article no. 107358](#)

**Tiong, I.S., Stevenson, W.S., Wall, M., Yap, Y.Z., Seymour, J.F., Kenealy, M. and Blombery, P.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Favorable outcomes of DDX41-mutated myelodysplastic syndrome and low blast count acute myeloid leukemia treated with azacitidine +/- lenalidomide', [eJHaem 2023; August \[Epub ahead of print\]](#)

**Tolstrup, J.S., Kruckow, S., Becker, U., Andersen, O., Sawyer, S.M., Katikireddi, S.V. and Møller, S.P.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Centre for Adolescent Health, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Socioeconomic inequalities in alcohol-related harm in adolescents: a prospective cohort study of 68,299 Danish 15-19-year-olds', [EClinicalMedicine 2023; vol.62, article no. 102129](#)

**Tornivuori, A., Kallio, M., Culnane, E., Pasanen, M., Salanterä, S., Sawyer, S. and Kosola, S.** [Department of Paediatrics, University of Melbourne; Department of Adolescent Medicine, Royal Children's Hospital; Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Transition readiness and anxiety among adolescents with a chronic condition and their parents: a cross-sectional international study', [Journal of Advanced Nursing 2023; September \[Epub ahead of print\]](#)

**Trainer, A.H., Goode, E., Hoskins, C., Wheeler, J.C.W. and Best, S.** [Australian Genomics, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Calibrating variant curation by clinical context based on factors that influence patients' tolerance of uncertainty', [Genetics in Medicine 2023; September \[Epub ahead of print\]](#)

# Library Update

**Tran, H.A., Deng, L., Wood, N., Choi, P., Singleton, S., Clarke, L., Khanlari, S., Maitland-Scott, I., Bird, R., Brown, S., Manoharan, B., Tan, C.W., Gold, M., Hissaria, P., Melody, S., Chunilal S, S.D., Buttery, J., Clothier, H., Crawford, N.W., Phuong, L., Pepperell, D., Effler, P., Parker, C., Carter, N., Macartney, K., McStea, M., Miller, T., Nissen, M., Larter, C., Kay, E. and Chen, V.M.** [SAEFVIC, Infection and Immunity, Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The clinicopathological features of thrombosis with thrombocytopenia syndrome following ChAdOx1-S (AZD1222) vaccination and case outcomes in Australia: a population-based study', [Lancet Regional Health - Western Pacific 2023; vol.40, article no. 100894](#)

**Uhlhaas, P.J., Davey, C.G., Mehta, U.M., Shah, J., Torous, J., Allen, N.B., Avenevoli, S., Bella-Awusah, T., Chanen, A., Chen, E.Y.H., Correll, C.U., Do, K.Q., Fisher, H.L., Frangou, S., Hickie, I.B., Keshavan, M.S., Konrad, K., Lee, F.S., Liu, C.H., Luna, B., McGorry, P.D., Meyer-Lindenberg, A., Nordentoft, M., Öngür, D., Patton, G.C., Paus, T., Reininghaus, U., Sawa, A., Schoenbaum, M., Schumann, G., Srihari, V.H., Susser, E., Verma, S.K., Woo, T.W., Yang, L.H., Yung, A.R. and Wood, S.J.** [Centre for Adolescent Health, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Towards a youth mental health paradigm: a perspective and roadmap', [Molecular Psychiatry 2023; August \[Epub ahead of print\]](#)

**VanHaltren, K., Armstrong, R.K. and Gunn-Charlton, J.K.** [Department of Neonatal Medicine, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Neonatal Research Group, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Functional measures on PEDI are associated with BSID-3 scales at 2 years, following neonatal surgery', [Early Human Development 2023; vol.185, article no. 105854](#)

**Vargas, C., Haeusler, G.M., Slavin, M.A., Babl, F.E., Mechinaud, F., Phillips, R., Thursky, K. and Lourenco, R.A.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Emergency Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'An analysis of the resource use and costs of febrile neutropenia events in pediatric cancer patients in Australia', [Pediatric Blood and Cancer 2023; vol.70\(11\), article no. e30633](#)

**Vijayakumar, N., Youssef, G., Bereznicki, H., Dehestani, N., Silk, T.J. and Whittle, S.** [Centre for Adolescent Health, Developmental Imaging, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The social determinants of emotional and behavioral problems in adolescents experiencing early puberty', [Journal of Adolescent Health 2023; September \[Epub ahead of print\]](#)

**Vilvarajan, S., McDonald, M., Douglas, L., Newham, J., Kirkland, R., Tzannes, G., Tay, D., Christodoulou, J., Thompson, S. and Ellaway, C.** [Brain and Mitochondrial Research Group, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Multidisciplinary management of Rett syndrome: twenty years' experience', [Genes 2023; vol.14\(8\), article no. 1607](#)

**Wang, J., Hu, Y.J., Collins, L., Fedjukova, A., Aggarwal, V., Mensah, F., Cheong, J.L.Y. and Wake, M.** [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Study protocol: Generation Victoria (GenV) special care nursery registry', [International Journal of Population Data Science 2023; vol.8\(1\), article no. 2139](#)

**Wang, J., Sun, S. and Deng, H.** [Murdoch Children's Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Chemical reprogramming for cell fate manipulation: methods, applications, and perspectives', [Cell Stem Cell 2023; vol.30\(9\), pp.1130-1147 \(full text via Document Delivery\)](#)

**Wang, S.S., Pandey, K., Watson, K.A., Abbott, R.C., Mifsud, N.A., Gracey, F.M., Ramarathinam, S.H., Cross, R.S., Purcell, A.W. and Jenkins, M.R.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Endogenous H3.3K27M



# Library Update

derived peptide restricted to HLA-A\*02:01 is insufficient for immune-targeting in diffuse midline glioma', [Molecular Therapy - Oncolytics 2023; vol.30, pp.167-180](#)

**Wang, T., Scuffham, P., Byrnes, J., Delatycki, M.B. and Downes, M.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'An overview of reproductive carrier screening panels for autosomal recessive and/or X-linked conditions: how much do we know?', [Prenatal Diagnosis 2023; vol.43\(11\), pp.1416-1424](#)

**Welti, R., Chinotti, M., Walsh, O., Arcus, M., Asgari, J., Phillips, K., Wallace, J., Do, L., Moynihan, P. and Silva, M.** [Inflammatory Origins, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Oral health messages for Australia: a national consensus statement', [Australian Dental Journal 2023; September \[Epub ahead of print\]](#)

**Welti, R., Jones, B., Moynihan, P. and Silva, M.** [Inflammatory Origins, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Evidence pertaining to modifiable risk factors for oral diseases: an umbrella review to Inform oral health messages for Australia', [Australian Dental Journal 2023; August \[Epub ahead of print\]](#)

**Wilkinson, D.J.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'What is 'medical necessity'?', [Clinical Ethics 2023; vol.18\(3\), pp.285-286](#)

**Willis, G.A., Kearns, T., Mayfield, H.J., Sheridan, S., Thomsen, R., Naseri, T., David, M.C., Engelman, D., Steer, A.C., Graves, P.M. and Lau, C.L.** [Tropical Diseases, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Scabies prevalence after ivermectin-based mass drug administration for lymphatic filariasis, Samoa 2018-2019', [PLoS Neglected Tropical Diseases 2023; vol.17\(8\), article no. e0011549](#)

**Wilson, T., Illhardt, T., Fink, M., Jones, R., Volovets, A., Byrne, M. and Oliver, M.** [Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Liver transplantation in patients with cystic fibrosis: 30 years of experience in Australia and New Zealand', [Journal of Hepatology 2023; vol.78\(Suppl. 1\), pp.S480](#)

**Wittawatmongkol, O., Bunjongmanee, P., Kosalaraksa, P., Laoprasopwattana, K., Boonsathorn, S., Chantasrisawad, N., Sudjaritruk, T., Niyomnaitham, S., Senawong, S., Srisutthisamphan, K., Quan Toh, Z., Rungmaitree, S., Nanthapaisal, S., Phanthanawiboon, S., Khantee, P., Techasaensiri, C., Hirankarn, N., Pangprasertkul, S. and Chokephaibulkit, K.** [Department of Paediatrics, University of Melbourne; Infection and Immunity, Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Immunogenicity and reactogenicity of fractional, heterologous primary COVID-19 vaccination schedules with BNT162b2 boosters in 5-11-year-old Thai children: a multicenter, prospective, double-blind, randomized control trial', [Vaccine 2023; vol.41\(40\), pp.5834-5840](#)

**Wong, R., Wang, L., Urrutia-Cabrera, D., Hung, S.S.C., Staffieri, S., Ludlow, L. and Hewitt, A.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'Using spatial transcriptomics to study retinoblastoma', [Investigative Ophthalmology and Visual Science 2023; vol.64\(8\), pp.1265](#)

**Wu, Y., Jayasinghe, K., Stark, Z., Quinlan, C., Patel, C., McCarthy, H., Mallawaarachchi, A.C., Kerr, P.G., Alexander, S., Mallett, A.J. and Goranitis, I.** [Victorian Clinical Genetics Services, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of Paediatric Nephrology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Genomic testing for suspected monogenic kidney disease in children and adults: a health economic evaluation', [Genetics in Medicine 2023; vol.25\(11\), article no. 100942](#)

**Xepoleas, M.D., Naidu, P., Nagengast, E., Collier, Z., Islip, D., Khatra, J., Auslander, A., Yao, C.A., Chong, D. and Magee, W.P.** [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Systematic review of postoperative velopharyngeal insufficiency: incidence and association with palatoplasty timing and technique', [Journal of Craniofacial Surgery 2023; vol.34\(6\), pp.1644-1649](#)

# Library Update

- Xia, Y.Y., de Seymour, J.V., Yang, X.J., Zhou, L.W., Liu, Y., Yang, Y., Beck, K.L., Conlon, C.A., Mansell, T., Novakovic, B., Saffery, R., Han, T.L., Zhang, H. and Baker, P.N.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Hair and cord blood element levels and their relationship with air pollution, dietary intake, gestational diabetes mellitus, and infant neurodevelopment', [Clinical Nutrition 2023; vol.42\(10\), pp.1875-1888](#)
- Yap, K.K., Schroder, J., Gerrand, Y.W., Kong, A.M., Fox, A.M., Knowles, B., Banting, S.W., Elefanty, A.G., Stanley, E.G., Yeoh, G.C., Lockwood, G.P., Cogger, V.C., Morrison, W.A., Polo, J.M. and Mitchell, G.M.** [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Liver-specification of human iPSC-derived endothelial cells transplanted into mouse liver', [bioRxiv 2023; June \[Epub ahead of print\]](#)
- Yosipovitch, G., Gooderham, M.J., Stander, S., Fonacier, L., Szepietowski, J.C., Deleuran, M., Girolomoni, G., Su, J.C., Bushmakina, A.G., Cappelleri, J.C., Feeney, C., Chan, G., Thorpe, A.J., Valdez, H., Biswas, P., Rojo, R., DiBonaventura, M. and Myers, D.E.** [Murdoch Children's Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Interpreting the relationship among itch, sleep, and work productivity in patients with moderate-to-severe atopic dermatitis: a post hoc analysis of JADE MONO-2', [American Journal of Clinical Dermatology 2023; August \[Epub ahead of print\]](#)
- Yu, A., Jansen, M.A.C., Dalmeijer, G.W., Bruijning-Verhagen, P., van der Ent, C.K., Grobbee, D.E., Burgner, D.P. and Uiterwaal, C.** [Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Childhood infection burden, recent antibiotic exposure and vascular phenotypes in preschool children', [PloS ONE 2023; vol.18\(9\), article no. e0290633](#)
- Zhang, S., Guo, Y., Fidelito, G., Robinson, D.R.L., Liang, C., Lim, R., Bichler, Z., Guo, R., Wu, G., Xu, H., Zhou, Q.D., Singh, B.K., Yen, P., Kappei, D., Stroud, D.A. and Ho, L.** [Royal Children's Hospital; Victorian Clinical Genetics Services, Murdoch Children's Research Institute, Flemington Road, Parkville, Vic., Australia.], 'LINC00116-encoded microprotein mitoregulin regulates fatty acid metabolism at the mitochondrial outer membrane', [iScience 2023; vol.26\(9\), article no. 107558](#)
- Zheleva, B., et al.** [Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Advocacy at the Eighth World Congress of Pediatric Cardiology and Cardiac Surgery', [Cardiology in the Young 2023; vol.33\(8\), pp.1277-1287](#)
- Zhu, Y., Almeida, F.J., Baillie, J.K., Bowen, A.C., Britton, P.N., Brizuela, M.E., Buonsenso, D., Burgner, D., Chew, K.Y., Chokephaibulkit, K., Cohen, C., Cormier, S.A., Crawford, N., Curtis, N., Farias, C.G.A., Gilks, C.F., von Gottberg, A., Hamer, D., Jarovsky, D., Jassat, W., Jesus, A.R., Kemp, L.S., Khumcha, B., McCallum, G., Miller, J.E., Morello, R., Munro, A.P.S., Openshaw, P.J.M., Padmanabhan, S., Phongsamart, W., Reubenson, G., Ritz, N., Rodrigues, F., Rungmaitree, S., Russell, F., Sáfiadi, M.A.P., Saner, C., Semple, M.G., Prado da Silva, D.G.B., de Sousa, L.M.M., Diogo Moço Souza, M., Spann, K., Walaza, S., Wolter, N., Xia, Y., Yeoh, D.K., Zar, H.J., Zimmermann, P. and Short, K.R.** [Infection and Immunity, Murdoch Children's Research Institute; Department of Paediatrics, University of Melbourne; Department of General Medicine, Infectious Diseases, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'International pediatric COVID-19 severity over the course of the pandemic', [JAMA Pediatrics 2023; vol.177\(10\), pp.1073-1084](#)
- Zohny, H., Lyreskog, D.M., Singh, I. and Savulescu, J.** [Murdoch Children's Research Institute, Parkville, Vic., Australia.], 'The mystery of mental integrity: clarifying its relevance to neurotechnologies', [Neuroethics 2023; vol.16\(3\), article no. 20](#)

362.1068 GRE [in print]

[How to read a paper: the basics of evidence-based medicine and healthcare](#) / Trisha Greenhalgh. 6th ed. John Wiley & Sons, 2019

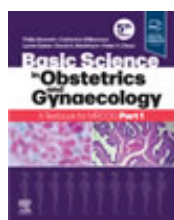


How to Read a Paper addresses the common criticisms of evidence-based healthcare, dispelling many of its myths and misconceptions, while providing a pragmatic framework for testing the validity of healthcare literature.

Now in its sixth edition, this informative text includes new and expanded discussions of study bias, political interference in published reports, medical statistics, big data and more.

[online]

[Basic science in obstetrics and gynaecology: a textbook for MRCOG Part 1](#) / edited by Phillip Bennett ... [et al.] 5<sup>th</sup> ed. Elsevier, 2024

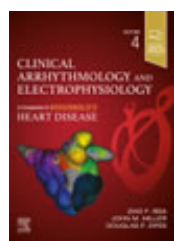


This is an essential one-stop, portable revision tool for candidates preparing for Part 1 of the MRCOG specialist examination.

Fully updated by experts who are internationally recognised in their fields, the chapters match the syllabus of the exam, combining detailed coverage of the science with related self-assessment questions that you will encounter in the MRCOG. This book is suitable for doctors specialising in obstetrics and gynaecology.

[online]

[Clinical arrhythmology and electrophysiology: a companion to Braunwald's Heart disease](#) / by Ziad F. Issa, John M. Miller, Douglas P. Zipes. 4<sup>th</sup> ed. Elsevier, 2024

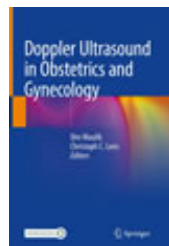


This text provides clinicians with clear, authoritative guidance on every aspect of the latest diagnosis and management options for patients with arrhythmias.

This comprehensive reference on cardiac arrhythmias lays a solid foundation of the underlying mechanisms of cardiac electrophysiology with an emphasis on identifying, understanding, and treating individual arrhythmias. Now fully updated, and carefully written to provide continuity and a consistent message throughout, the 4<sup>th</sup> edition offers unparalleled coverage of cardiac arrhythmias in an accessible and user-friendly manner.

[online]

[Doppler ultrasound in obstetrics and gynecology](#) / edited by Dev Maulik, Christoph C. Lees. 3<sup>rd</sup> ed. Springer, 2023



In this new edition the current standards of practice in Doppler ultrasound are described, and information is presented on the most recent developments in clinical practice and technology.

The basic and physical principles of Doppler ultrasound are also clearly explained. Among other topics, the chapters on obstetric applications address the use of Doppler for fetal examination, including investigation of the fetal cerebral circulation; Doppler echocardiography of the fetal heart; and the role of Doppler in cases of post-term pregnancy and multiple gestation.

This superbly illustrated book will be a must-have reference for maternal-fetal medicine specialists, obstetrician-gynecologists, radiologists, and sonographers and will also be of value for researchers in the field.

[online]

[First-trimester ultrasound: a comprehensive guide](#) / edited by Jacques S. Abramowicz, Ryan E. Longman. 2<sup>nd</sup> ed. Springer, 2023



This second edition includes basic examination guidelines as well as cutting-edge ultrasound modalities, including Doppler and three-dimensional ultrasound, for the period immediately preceding conception through early embryology.

The text begins with a discussion of the safety and efficacy of diagnostic ultrasound and the use of this modality for the evaluation and treatment of infertility. It then explores conditions that may interfere with normal conception or development, including maternal diseases that would benefit from early scanning, elements of teratology, multiple gestations, ectopic pregnancy, gestational trophoblastic disease, fetal anomalies and invasive procedures in the first trimester.

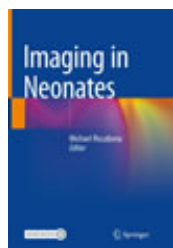
This edition includes seven new chapters focusing on the imaging of fetal development, including chapters on the first trimester fetal brain, genitourinary tract, and diagnosis of fetal genetic syndromes.

Numerous illustrations, figures, and online videos serve as aides for understanding key concepts.

# Library Update

[online]

[Imaging in neonates](#) / edited by Michael Riccabona. Springer, 2023



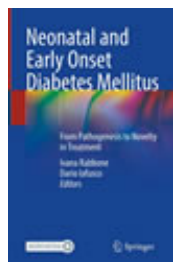
This book provides a concise overview of neonatal imaging. After a short clinical introduction on the crucial role of imaging in diagnosing and treating neonatal conditions, it discusses the various methods (ultrasound, digital radiography, fluoroscopy, CT, and MRI) available and explains in detail how they have to be adapted for neonatal applications.

Chapters feature imaging findings and differential diagnoses for the most common neonatal conditions. Additionally, some relevant aspects of foetal imaging are presented.

Written by an interdisciplinary team, *Imaging in Neonates* is a practical resource for daily use in the ward for all medical professionals involved in treating neonates.

[online]

[Neonatal and early onset diabetes mellitus: from pathogenesis to novelty in treatment](#) / edited by Ivana Rabbone, Dario Iafusco. Springer, 2023



This comprehensive volume provides the most up-to-date information about all the progresses that have been made and that have led to the clarification of the pathogenesis of all forms of diabetes.

From pathogenesis to novelty in therapy, the book covers all aspects of the diagnosis and treatment also discussing rare forms of early onset diabetes, insulin therapy, pump therapy and technologies, acute and chronic complications.

The volume is enhanced by videos showing the impact of treatments on movement difficulties, psychomotor development, and muscle tone. Slide decks with key messages are also available for download.

This book will be of benefit to pediatricians, endocrinologists, neonatologists and all physicians who deal with neonates affected by this disease.

[online]

[Neurodevelopmental pediatrics: genetic and environmental influences](#) / edited by David D. Eisenstat ... [et al.]. Springer, 2023



This book explores the interrelationship of genetics, the environment, or both, in the causation of three neurodevelopmental disorders: autism/autism spectrum disorder (ASD), fetal alcohol spectrum disorder (FASD), and cerebral palsy (CP). It links common clinical problems in developmental pediatrics and pediatric neurology to current concepts and translational research advances in developmental neurosciences, medical genetics, and related disciplines.

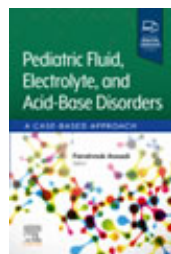
The first section provides an overview of development of the brain, including topics such as neuronal stem cells, epigenetics, and the influence of the prenatal environment. The next three sections analyze the epidemiology, diagnosis, interventions, and controversies and research directions associated with each of the three neurodevelopmental disorders.

It also examines co-morbidities common to all three disorders, such as disturbed sleep, seizures, behavioral disorders, and pain. It concludes by highlighting the impact of ASD, FASD, and CP on family dynamics and provides tools and resources based on foundational concepts such as neuroethics, bioinformatics, community engagement, and advocacy.

Learning objectives, key points, clinical vignettes, and multiple-choice questions are incorporated throughout the book.

[online]

[Pediatric fluid, electrolyte, and acid-base disorders: a case-based approach](#) / edited by Farahnak Assadi. Elsevier, 2024



Comprehensive and case-based, this book provides a state-of-the-art overview of this complex field in a concise, authoritative format perfect for self-study or review. Real-life patient cases reflect those that are frequently encountered in clinical decision making.

These narrative case studies offer a unique opportunity for readers to determine how best to diagnose, treat, and manage their patients based on the history of present illness, review of symptoms, relevant history, and physical examination findings.