Library Update



No.18, 11th September, 2017

AHRQ Series on Complex Intervention Systematic Reviews

The US <u>Agency for Healthcare Research and Quality</u> (AHRQ) have released a series of papers intended to help researchers design and conduct systematic reviews to better answer important clinical, policy, and research questions to improve health care and health outcomes.

The in-press series was published in the Journal of Clinical Epidemiology on 14-15 July 2017.

- Paper 1: An introduction to a series of papers that provide guidance and tools for reviews of complex interventions
- <u>Paper 2</u>: Defining Complexity, Formulating Scope and Questions
- Paper 3: Adapting frameworks to develop protocols
- <u>Paper 4</u>: Selecting Analytic Approaches

- Paper 5: Advanced Analytic Methods
- Paper 6: PRISMA-CI Extension Statement & Checklist
- <u>Paper 7</u>: PRISMA-CI Elaboration & Explanation
- <u>Paper 8</u>: Data collection and management Data collection in Pragmatic Trials

Document Delivery – internal and bulk requests

You may already know about our <u>Document Delivery</u> service, where you can request articles that are not available via our <u>journals list</u>.

Did you know you can also use this service to obtain articles we do have access to?

We're search experts, and we can locate an article, download it, and send it to you quicker than you can say "now how do I get to the Library's journals database again?".

Have you got a list of 100 citations you want us to find the full text for? No problem, get in touch, we'll work out a delivery time frame.



Ask a Librarian service passes its 15th anniversary

Since launching our <u>Ask a Librarian</u> service in 2002, we've answered nearly 5,000 questions, with around 350 of these during 2017 alone.

Send us your enquiry and we'll get back to you within one working day.

In the meantime, check our <u>FAQ</u> or <u>Fact Sheets</u> to see if your question has already been answered.

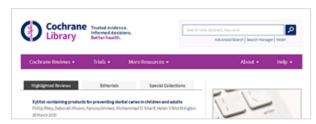


Cochrane Library: new items

Access

Select *Cochrane Library* from the library's list of <u>databases</u>, and just start searching.

A registered login allows you to save search histories for future use. Go to *Advanced Search* to log in or register for an account.



Recently added items

Editorial:

 All interventions are complex, but some are more complex than others: using iCAT_SR to assess complexity. Read more ...

Reviews:

- Antibiotics for persistent cough or wheeze following acute bronchiolitis in children. Read more ...
- Antidepressants for chronic non-cancer pain in children and adolescents. Read more ...
- Antiepileptic drugs for chronic non-cancer pain in children and adolescents. <u>Read more ...</u>
- Atypical antipsychotics for disruptive behaviour disorders in children and youths. Read more ...
- Culture-specific programs for children and adults from minority groups who have asthma. Read more ...
- Fluid supplementation for neonatal unconjugated hyperbilirubinaemia. Read more ...
- Head midline position for preventing the occurrence or extension of germinal matrix-intraventricular hemorrhage in preterm infants. Read more ...
- Heated, humidified air for the common cold. Read more ...
- Interventions for preventing and managing advanced liver disease in cystic fibrosis. Read more ...
- Isoniazid for preventing tuberculosis in HIV-infected children. Read more ...
- Late (≥ 7 days) inhalation corticosteroids to reduce bronchopulmonary dysplasia in preterm infants.
 Read more ...
- Manipulative interventions for reducing pulled elbow in young children. Read more ...
- Non-steroidal anti-inflammatory drugs (NSAIDs) for chronic non-cancer pain in children and adolescents.
 Read more ...
- Opioids for cancer-related pain in children and adolescents. <u>Read more ...</u>
- Opioids for chronic non-cancer pain in children and adolescents. Read more ...

- Oral dextrose gel to prevent hypoglycaemia in at-risk neonates. Read more ...
- Paracetamol (acetaminophen) for chronic non-cancer pain in children and adolescents. Read more ...
- Prophylactic levosimendan for the prevention of low cardiac output syndrome and mortality in paediatric patients undergoing surgery for congenital heart disease. Read more ...
- Saline irrigation for the management of skin extravasation injury in neonates. Read more ...
- Sildenafil for pulmonary hypertension in neonates. Read more ...
- Statins for children with familial hypercholesterolemia. Read more ...
- Sustained versus standard inflations during neonatal resuscitation to prevent mortality and improve respiratory outcomes. Read more ...
- Tailored interventions based on sputum eosinophils versus clinical symptoms for asthma in children and adults. Read more ...
- Task-oriented interventions for children with developmental co-ordination disorder. Read more ...
- Treadmill interventions in children under six years of age at risk of neuromotor delay. <u>Read more ...</u>
- Vitamin K supplementation for cystic fibrosis. Read more ...
- Welfare-to-work interventions and their effects on the mental and physical health of lone parents and their children. <u>Read more ...</u>

Protocols:

- Bisphosphonate use in children with cerebral palsy. Read more ...
- Care co-ordination interventions to improve outcomes during pregnancy and early childhood (up to 5 years). Read more ...
- Overall prognosis of preschool autism spectrum disorder diagnoses. Read more ...
- Personalised interventions for subgroups of children with conduct problems. <u>Read more ...</u>
- Prebiotics for the prevention of hyperbilirubinaemia in neonates. Read more ...
- Probiotics for the prevention or treatment of hyperbilirubinaemia in late preterm and term neonates. Read more ...
- Topical silver diamine fluoride for managing dental caries in children and adults. Read more ...
- Xenon as an adjuvant to therapeutic hypothermia in near term and term newborns with hypoxic ischaemic encephalopathy. <u>Read more ...</u>

Overview Reviews:

 Antenatal and intrapartum interventions for preventing cerebral palsy: an overview of Cochrane systematic reviews. Read more ...

Library Training: Session times for September/October 2017

If you can't make it to the scheduled sessions, <u>contact us</u> to arrange individual or group sessions at a time that suits you. **Charges apply for some Library training**. <u>See the website for more details</u>.

Session	September	October
Nursing & Allied Health	Monday 11 September, 2:00 pm	Wednesday 11 October, 2:00 pm
Cochrane Library	Tuesday 12 September, 11:00 am	Wednesday 18 October, 2:30 pm
EndNote Tutorial 1	Thursday 28 September, 10:00 am	Monday 23 October, 2:30 pm
EndNote Tutorial 2		Thursday 5 October, 10:00 am
Finding the Evidence		Wednesday 4 October, 1:00 pm
Introduction to the Library	Monday 25 September, 1:00 pm	Wednesday 25 October, 11:15 am
Ovid Medline	Monday 11 September, 11:00 am	Friday 13 October, 1:00 pm
PubMed	Friday 22 September, 8:00 am	Monday 16 October, 1:00 pm

iMedical apps reviews

Best new medical apps of the week: Reducing risks for IV drug users, virtual reality to demonstrate new tech, and symptom tracking for Tourette's

"This week's list of best new medical apps including some interesting additions to help IV drug and opioid users avoid risky behaviors, linking patients with multiple sclerosis specialists, as well as other patients, and an interesting new virtual reality app." Read more ...

Tech Spotlight: monARC is building patient research networks for next generation clinical trials

"Since 2009, iMedicalApps has given readers the latest in digital health with a deep knowledge of medicine, the mHealth marketplace, and what makes apps work. Our audience – the largest group of clinicians

interested in digital health anywhere on the internet – is pretty tech savvy, too. And they've created startups, apps, and platforms, some of which may be the "next big thing" in healthcare. To showcase these up-and-comers, we've decided to create the iMedicalApps Tech Feature. For our first Tech Feature, we'd like to present a startup founded by Komathi Stem, a biomedical engineer with a long track record in the pharmaceutical industry, focused on driving the next generation of clinical research."

Chronic Kidney Disease (CKD) Care app: eGRF Calculator and Quick Reference from the National Kidney Foundation

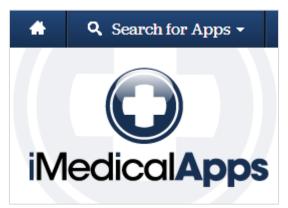
"The latest app from the National Kidney Foundation is called Chronic Kidney Disease (CKD) Care. The app calculates eGFR and based on other input including the albumin creatinine ratio, demographics and urinary findings generates a differential diagnosis for a specific patient. The app contains quick reference guides for each of these diagnoses based on NKF

guidelines." Read more ...

Text messaging interventions may improve mothers' adherence to proper infant sleeping practice

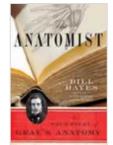
"We've covered the growing number of infant wearables that claim to monitor sleeping infants, though they generally don't explicitly claim to prevent

SIDS. And we should note that there's no data supporting most of these devices; on the contrary, home monitoring to prevent SIDS has historically not panned out in studies. In this study, a group of researchers passed on wearables and other similar technology. Instead, they focused on using mobile technology to help educate new mothers on safe sleep practices when they needed that information the most." Read more ...



Some lighter reading at the Library

Take a break from the daily grind and peruse a book from our biography or history categories ...



The Anatomist: a true story of Gray's anatomy /

Bill Hayes. Scribe, 2008.

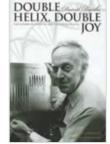
At 150 years old, Gray's Anatomystill sets the standard in medical textbooks, yet little has been written about its author, Henry Gray. Even less celebrated is Henry Carter, the illustrator who brought Gray's groundbreaking anatomy text to life. *The Anatomist- a true story of Gray's Anatomy* explores the lives of these two men, balancing biographical chapters with the author's own experience in the anatomy classroom, dissecting cadavers and marvelling at each new discovery with prose both lucid and arrestingly beautiful.



Dancing in my dreams: confronting the spectre of polio /

Kerry Highley. Monash University Publishing, 2016.

Dancing in My Dreams describes the disease of polio and its treatment, the scientific endeavour that led to the discovery of the polio virus, and the studies in virology and immunology that culminated in the production of a polio vaccine. It highlights the experiences of patients and the voices of survivors, revealing how ethnicity, class, age and gender all mediated individual's reactions to the disease, which included fear, rejection, denial and anger.



Double helix, double joy: David Danks, the father of clinical genetics in Australia /

Carolyn Rasmussen with Alister Danks. Miegunyah Press, 2010.

Professor David Danks explained in a public lecture revealingly titled, Double Helix, Double Joy, that 'Even from its infancy it was apparent that the double helix was going to change not only science, but also the community's image of science'. 'Double Joy' conveyed his sense that the developments cascading from Watson and Crick's initial DNA discovery would yield 'immense benefits' for people generally, and also for his own research ambitions.



On the Shoulders of Medicine's Giants: What Today's Clinicians Can Learn from Yesterday's Wisdom /

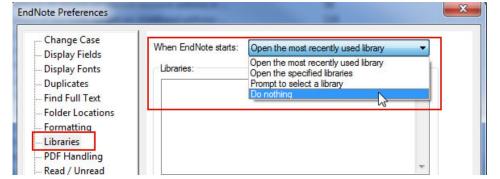
Robert B. Taylor. Springer, 2015.

Medical history offers us many wise thoughts, a few misguided notions, and a host of intriguing back-stories. On the Shoulders of Medicine's Giants presents a selection of these, and tells how the words of medicine's "giants"—such as Hippocrates, Sir William Osler, Francis Weld Peabody, and Elizabeth Kübler-Ross—are relevant to medical science and practice in the 21st century.

EndNote Tip: Prompt to open a library

When you open Endnote the last used library will automatically open by default. That's great if you only own a single library, but what if you have several?

If you own many libraries there are other options that may be more useful. Go to *Edit/Preferences/Libraries* and select the option that works best for you: *Open the specified libraries, Prompt to select a library,* or *Do nothing*.



Australian health and science headliners

Revolutionising the way medical students learn with new technology: PlayMed uses online experiential role-playing in a virtual hospital environment to help final-year medical students become better practitioners through experiencebased learning. Read more ...

Deadly peanut allergy cure on horizon: A peanut allergy treatment undergoing clinical trials is showing huge promise for people suffering from the deadly allergy. Researchers at the Murdoch Children's Research Institute (MCRI) have found that the clinical trial is showing long-lasting effects, more than four years after the original study. Read

higher than UK, other countries: When it comes to antibiotics, Australian infants have one of the highest rates of treatment in the world, increasing the risk of been published in the Journal of Paediatrics and Child Health. Read more ...

[source: hospitalhealth.com.au]

NHMRC Research Excellence Awards: Exceptional researchers in the fields of infectious disease, autoimmunity, chronic pain and Parkinson's disease were among the Australians honoured at the NHMRC Research Excellence Awards. Read more ...

> Aussie-invented bone 'glue' could halve patient recovery times: An Australian biotech company has created a bone graft substitute that can be applied in liquid form — a first of its kind. Read more ...

Some children on IV can be treated at home: Researchers from Murdoch Childrens Research Institute (MCRI) have found that some children with severe infections requiring intravenous (IV) antibiotics can safely have these at home, and that home treatment was as good as in

hospital in terms of safety, cost and patient satisfaction. Read more ...

Rethinking and redesigning clinical workspaces: Drivers such as cost pressure on healthcare systems, rising patient volumes and demands from patients engaged in their own healthcare, together with advances in technology, are transforming the way

care is delivered, creating a shift in what is required

in clinical spaces. Read more ...



STAFF PUBLICATIONS

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

Anderson, H., Vuillermin, P., Jachno, K., Allen, K.J., Tang, M.L.K., Collier, F., Kemp, A., Ponsonby, A.L. and Burgner, D. [Department of Paediatrics, University of Melbourne; Infection and Immunity Theme, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Prevalence and determinants of antibiotic exposure in infants: a population-derived Australian birth cohort study', Journal of Paediatrics and Child Health 2017; [Epub ahead of print]

Araujo, G.C., Antonini, T.N., Anderson, V., Vannatta, K.A., Salley, C.G., Bigler, E.D., Taylor, H.G., Gerhardt, C., Rubin, K., Dennis, M., Lo, W., Mackay, M.T., Gordon, A., Hajek Koterba, C., Gomes, A., Greenham, M. and Owen Yeates, K. [Department of Neurology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Profiles of executive function across children with distinct brain disorders: traumatic brain injury, stroke, and brain tumor', Journal of the International Neuropsychological Society 2017; vol.23(7), pp.529-538 (full text via Document Delivery)

Babl, F.E., Dionisio, D., Davenport, L., Baylis, A., Hearps, S.J.C., Bressan, S., Thompson, E.J., Anderson, V., Oakley, E. and Davis, G.A. [Emergency Department, Royal Children's Hospital; Murdoch Childrens Research Institute; Department of Paediatrics, University of

- Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Accuracy of components of SCAT to identify children with concussion', *Pediatrics 2017; vol.140(2), pp.* e20163258
- Beck, C., Koplin, J., Dharmage, S., Wake, M., Gurrin, L., McWilliam, V., Tang, M., Sun, C., Foskey, R., Allen, K.J., Cranswick, N., Smart, J., Douglass, J., Abello, A.L.K., Madrid, S.A., Robertson, C., Hill, D., Vuillermin, P., Osborne, N., Mathers, M., Peters, R., Dang, T., Tey, D., Robinson, M., Zurzolo, G., Thiele, L., Czech, H., Shaw, H., Anderson, D., Eckert, J., Bertalli, N., Sanjeevan, J., Tan, T., Martin, P., Garner, C., Trembath, K., Crawford, H., Suaini, N., Ferreira, M., Martino, D., Ellis, J., Saffery, R., Molloy, J., Brewerton, M., Licciardi, P., Tilbrook, K. and Chhabra, S. [Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institute; Department of Allergy and Immunology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Persistent food allergy and food allergy coexistent with eczema is associated with reduced growth in the first 4 years of life', Journal of Allergy and Clinical Immunology: In Practice 2016; vol.4(2), pp.248-256.e3
- Bissessor, M., Tabrizi, S.N., Bradshaw, C.S., Fairley, C.K., Hocking, J.S., Garland, S.M., Twin, J., Poljak, M., Peel, J. and Chen, M.Y. [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'The contribution of Mycoplasma genitalium to the aetiology of sexually acquired infectious proctitis in men who have sex with men', *Clinical Microbiology and Infection 2016; vol.22(3)*, pp.260-265
- Blair, M. and Hiscock, H. [Health Services Research Unit, Royal Children's Hospital;
 Department of Community Health Services Research, Centre for Community Child
 Health, Murdoch Childrens Research Institute; Department of Paediatrics, University of
 Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Themes emerging from State of
 Child Health: UK and Australia', Archives of Disease in Childhood 2017; Jul 22 [Epub ahead of
 print]
- **Bouchard, M., Bartlett, M. and Donnan, L.** [Department of Orthopaedics, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Assessment of the pediatric foot mass', <u>Journal of the American Academy of Orthopaedic Surgeons 2017; vol.25(1), pp.32-41 (full text via Document Delivery)</u>
- Buratto, E., Ye, X.T., Brizard, C.P., Brink, J., d'Udekem, Y. and Konstantinov, I.E.

 [Department of Cardiothoracic Surgery, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Successful atrioventricular valve repair improves long-term outcomes in children with unbalanced atrioventricular septal defect', <u>Journal of Thoracic and Cardiovascular Surgery 2017; Jun 28 [Epub ahead of print]</u>
- Campbell, P.T., McVernon, J. and Geard, N. [Infection and Immunity Research Theme, Murdoch Childrens Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Determining the best strategies for maternally targeted pertussis vaccination using an individual-based model', <u>American Journal of Epidemiology 2017</u>; vol.186(1), pp.109-117
- Cao, P. and McCaw, J.M. [Modelling and Simulation, Infection and Immunity Theme, Murdoch Childrens Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The mechanisms for within-host influenza virus control affect model-based assessment and prediction of antiviral treatment', Viruses 2017; vol.9(8), article no. 197
- Cao, P., Klonis, N., Zaloumis, S., Khoury, D.S., Cromer, D., Davenport, M.P., Tilley, L., Simpson, J.A. and McCaw, J.M. [Modelling and Simulation, Infection and Immunity Theme, Murdoch Childrens Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'A mechanistic model quantifies artemisinin-induced parasite growth retardation in blood-stage Plasmodium falciparum infection', Journal of Theoretical Biology 2017; vol.430, pp.117-127 (full text via Document Delivery)
- Chia, K., Fischer, I., Thomason, P., Graham, K. and Sangeux, M. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute; Flemington Road, Parkville, Vic., Australia.], 'Is it feasible to use an automated system to identify gait impairments?', *Gait and Posture 2017; [Epub ahead of print]*

- Chia, K., Fischer, I., Thomason, P., Graham, K. and Sangeux, M. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute; Flemington Road, Parkville, Vic., Australia.], 'The challenge of using statistical models to predict gait outcomes of orthopaedic surgery', Gait and Posture 2017; [Epub ahead of print]
- Chia, K., Fischer, I., Thomason, P., Graham, K. and Sangeux, M. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute; Flemington Road, Parkville, Vic., Australia.], 'O50: Is it feasible to use an automated system to recommend orthopaedic surgeries?', *Gait and Posture 2017; [Epub ahead of print]*
- Cortes, D., Clasen-Linde, E., Hutson, J.M., Li, R. and Thorup, J. [Douglas Stephens Surgical Research Laboratory, Murdoch Childrens Research Institute; Department of Paediatric Urology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'The Sertoli cell hormones inhibin-B and anti Mullerian hormone have different patterns of secretion in prepubertal cryptorchid boys', *Journal of Pediatric Surgery 2016; vol.51(3), pp.475-480*
- **Davidson, N.M., Hawkins, A.D.K. and Oshlack, A.** [Royal Children's Hospital, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'SuperTranscripts: a data driven reference for analysis and visualisation of transcriptomes', *Genome Biology 2017; vol.18, article no. 148*
- **Davis, A.M.** [Department of Cardiology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Torsades de pointes: 50 years later, can we see it coming?', *Circulation: Arrhythmia and Electrophysiology 2016; vol.9(2), pp.e003850*
- Davis, E., Reddihough, D., Murphy, N., Epstein, A., Reid, S.M., Whitehouse, A., Williams, K., Leonard, H. and Downs, J. [Developmental Disability and Rehabilitation Research, Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Exploring quality of life of children with cerebral palsy and intellectual disability: what are the important domains of life?', Child: Care, Health and Development 2017; Jul 26 [Epub ahead of print]
- De Valle, K.L., Davidson, Z.E., Kennedy, R.A., Ryan, M.M. and Carroll, K.M. [Neurology Department, Royal Children's Hospital; Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Physical activity and the use of standard and complementary therapies in Duchenne and Becker muscular dystrophies', <u>Journal of Pediatric Rehabilitation Medicine</u> 2016; vol.9(1), pp.55-63 (full text via Document Delivery)
- **Doyle, L.W. and Cheong, J.L.Y.** [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Postnatal corticosteroids to prevent or treat bronchopulmonary dysplasia who might benefit?', <u>Seminars in Fetal and Neonatal Medicine 2017; Jul 19 [Epub ahead of print]</u>
- Doyle, L.W., Carse, E., Adams, A.M., Ranganathan, S., Opie, G. and Cheong, J.L.

 [Department of Paediatrics, University of Melbourne; Murdoch Childrens Research
 Institute; Respiratory and Sleep Medicine, Royal Children's Hospital, Flemington Road,
 Parkville, Vic., Australia.], 'Ventilation in extremely preterm infants and respiratory
 function at 8 years', New England Journal of Medicine 2017; vol.377(4), pp.329-337
- **Frayman, K.B., Kazmerski, T.M. and Sawyer, S.M.** [Department of Respiratory and Sleep Medicine, Centre for Adolescent Health, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'A systematic review of the prevalence and impact of urinary incontinence in cystic fibrosis', *Respirology 2017; [Epub ahead of print]*
- **GBD 2015 Eastern Mediterranean Region Adolescent Health Collaborators, Azzopardi, P., Patton, G.C. and Mokdad, A.H.** [Department of Paediatrics, University of Melbourne;
 Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road,
 Parkville, Vic., Australia.], 'Adolescent health in the Eastern Mediterranean region:

- findings from the global burden of disease 2015 study', <u>International journal of Public</u> <u>Health 2017; Aug 03 [Epub ahead of print]</u>
- **GBD 2015 Eastern Mediterranean Region Cardiovascular Disease Collaborators, Weintraub, R. and Mokdad, A.H.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Murdoch Childrens Research Institute; Flemington Road, Parkville, Vic., Australia.], 'Burden of cardiovascular diseases in the Eastern Mediterranean Region, 1990-2015: findings from the Global Burden of Disease 2015 study', *International Journal of Public Health 2017; Aug 03 [Epub ahead of print]*
- **GBD 2015 Eastern Mediterranean Region Maternal Mortality Collaborators, Patton, G.C. and Mokdad, A.H.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Maternal mortality and morbidity burden in the Eastern Mediterranean region: findings from the Global Burden of Disease 2015 study', *International Journal of Public Health 2017; Aug 03 [Epub ahead of print]*
- **GBD 2015 Eastern Mediterranean Region Mental Health Collaborators, Patton, G.C. and Mokdad, A.H.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital, Murdoch Childrens Research Institute; Flemington Road, Parkville, Vic., Australia.], 'The burden of mental disorders in the Eastern Mediterranean region, 1990-2015: findings from the global burden of disease 2015 study', *International Journal of Public Health 2017; Aug 03 [Epub ahead of print]*
- GBD 2015 Eastern Mediterranean Region Neonatal, Infant and under-5 Mortality
 Collaborators, Azzopardi, P., Weintraub, R.M. and Mokdad, A. H. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Neonatal, infant, and under-5 mortality and morbidity burden in the Eastern Mediterranean region: findings from the Global Burden of Disease 2015 study', International Journal of Public Health 2017; Aug 03 [Epub ahead of print]
- Grosse, S.D., Gurrin, L.C., Bertalli, N.A. and Allen, K.J. [Department of Gut and Liver, Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne; Department of Gastroenterology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Clinical penetrance in hereditary hemochromatosis: estimates of the cumulative incidence of severe liver disease among HFE C282Y homozygotes', *Genetics in Medicine 2017; Aug 03 [Epub ahead of print]*
- Holbrook, J.D., Huang, R.C., Barton, S.J., Saffery, R. and Lillycrop, K.A. [Cancer and Disease Epigenetics, Murdoch Childrens Research Institute; Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'ls cellular heterogeneity merely a confounder to be removed from epigenome-wide association studies?', *Epigenomics 2017; Jul 27 [Epub ahead of print]*
- **Howell, K.B., Harvey, A.S. and Archer, J.S.** [Department of Neurology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Epileptic encephalopathy: use and misuse of a clinically and conceptually important concept', *Epilepsia 2016; vol.57*(3), *pp.343-347*
- Hunt, R.W., Hickey, L.M., Burnett, A.C., Anderson, P.J., Cheong, J.L.Y., Doyle, L.W. and Hunt, R.W. [Department of Neonatal Medicine, Royal Children's Hospital; Department of Clinical Science, Victorian Infant Brain Studies, Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Early surgery and neurodevelopmental outcomes of children born extremely preterm', Archives of Disease in Childhood. Fetal and Neonatal Edition 2017; Jul 22 [Epub ahead of print]
- **Kearsey, I. and Hutson, J.M.** [Department of Paediatrics, University of Melbourne; Surgical Research Laboratory, Murdoch Childrens Research Institute; Department of Urology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Disorders of sex

- development (DSD): not only babies with ambiguous genitalia. A practical guide for surgeons', *Pediatric Surgery International 2016; Dec 18 [Epub ahead of print]*
- Komulainen, K., Pulkki-Raback, L., Jokela, M., Lyytikainen, L.P., Pitkanen, N., Laitinen, T., Hintsanen, M., Elovainio, M., Hintsa, T., Jula, A., Juonala, M., Pahkala, K., Viikari, J., Lehtimaki, T., Raitakari, O. and Keltikangas-Jarvinen, L. [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Education as a moderator of genetic risk for higher body mass index: prospective cohort study from childhood to adulthood', International Journal of Obesity 2017; Jul 31 [Epub ahead of print]
- Kosola, S., Mundy, L.K., Sawyer, S.M., Canterford, L., van der Windt, D.A., Dunn, K.M. and Patton, G.C. [Centre for Adolescent Health, Royal Children's Hospital; Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Pain and learning in primary school: a population-based study', Pain 2017; Jun 21 [Epub ahead of print]
- Lau, L., Byrne, J., Ekert, P.G., Failes, T., Fellowes, A., Fletcher, J., Gifford, A., Haber, M., Kumar, A., Lock, R., Marshall, G., McCowage, G.B., Mould, E., Norris, M., Trahair, T., Tsoli, M., Tyrrell, V., Wadham, C., Xie, J. and Ziegler, D.S. [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Pilot study of a comprehensive precision medicine platform for children with high-risk cancer', Journal of Clinical Oncology 2017; vol.35(15 Suppl.), abstract no. 10539
- **Lenze, U. and von Eisenhart-Rothe, R.** [Department of Orthopaedics, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], '[Biological reconstruction of bone defects]', *Der Orthopade 2017; vol.46(8), pp.639*
- Lenze, U., Pohlig, F., Knebel, C., Lenze, F., Harrasser, N., Muhlhofer, H., Toepfer, A., Rechl, H. and von Eisenhart-Rothe, R. [Department of Orthopaedics, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], '[Autologous fibula transplantation for reconstruction of bone defects]', *Der Orthopade 2017; vol.46(8), pp.648-655*
- Lorenz, L., Marulli, A., Dawson, J.A., Owen, L.S., Manley, B.J., Donath, S.M., Davis, P.G. and Kamlin, C.O.F. [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Cerebral oxygenation during skin-to-skin care in preterm infants not receiving respiratory support', Archives of Disease in Childhood. Fetal and Neonatal Edition 2017; Jul 26 [Epub ahead of print]
- MacKay, M.T., Yock-Corrales, A., Churilov, L., Donnan, G.A., Babl, F.E. and Monagle, P.

 [Department of Paediatrics, University of Melbourne; Neurology Department, Emergency Department, Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Differentiating childhood arterial ischemic stroke from migraine in the pediatric emergency department', Stroke 2017; vol.48(Suppl. 1), AWMP110
- Milesi, I., Tingay, D.G., Lavizzari, A., Bianco, F., Zannin, E., Tagliabue, P., Mosca, F., Ventura, M.L., Rajapaksa, A., Perkins, E.J., Black, D., Di Castri, M., Sourial, M.D., Pohlmann, G. and Dellaca, R.L. [Neonatal Research, Murdoch Childrens Research Institute; Neonatology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Supraglottic atomization of surfactant in spontaneously breathing lambs receiving continuous positive airway pressure', Pediatric Critical Care Medicine 2017; Jul 22 [Epub ahead of print]
- Moily, N.S., Ormsby, A.R., Stojilovic, A., Ramdzan, Y.M., Diesch, J., Hannan, R.D., Zajac, M.S., Hannan, A.J., Oshlack, A. and Hatters, D.M. [Murdoch Childrens Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Transcriptional profiles for distinct aggregation states of mutant Huntingtin exon 1 protein unmask new Huntington's disease pathways', Molecular and Cellular Neurosciences 2017; vol.83, pp.103-112 (full text via Document Delivery)
- **Morgan, A.J., Rapee, R.M. and Bayer, J.K.** [Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Increasing response rates to follow-up questionnaires in health intervention

- research: randomized controlled trial of a gift card prize incentive', <u>Clinical Trials 2017;</u> <u>vol.14(4), pp.381-386 (full text via Document Delivery)</u>
- Murphy, A.D., Keating, C.P., Penington, A., McCombe, D. and Coombs, C.J. [Department of Plastic and Maxillofacial Surgery, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Paediatric fingertip composite grafts: do they all go black?', Journal of Plastic, Reconstructive and Aesthetic Surgery 2016; Nov 19 [Epub ahead of print]
- Naimo, P.S., Buratto, E. and Konstantinov, I.E. [Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'A curious course of an intramural anomalous left coronary artery from the pulmonary artery', <u>Journal of Thoracic and Cardiovascular Surgery 2016; Nov 03 [Epub ahead of print]</u>
- Nguyen, T., Orchard, D. and Zacharin, M. [Department of General Medicine, Department of Dermatology, Department of Endocrinology and Diabetes, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Liver haemangiomas and consumptive hypothyroidism in association with three cutaneous haemangiomas', Journal of Paediatrics and Child Health 2017; Jul 28 [Epub ahead of print]
- O'Meagher, S., Kemp, N., Norris, K., Anderson, P. and Skilbeck, C. [Clinical Sciences, Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Risk factors for executive function difficulties in preschool and early school-age preterm children', <u>Acta Paediatrica 2017; [Epub ahead of print]</u>
- Perucca, P., Crompton, D.E., Bellows, S.T., McIntosh, A.M., Kalincik, T., Newton, M.R., Vajda, F.J.E., Scheffer, I.E., Kwan, P., O'Brien, T.J., Tan, K.M. and Berkovic, S.F. [Department of Neurology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Flemington Road, Parkville, Vic., Australia.], 'Familial mesial temporal lobe epilepsy and the borderland of deja vu', *Annals of Neurology 2017; [Epub ahead of print*]
- **Pollard, A.J., Finn, A. and Curtis, N.** [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute; Flemington Road, Parkville, Vic., Australia.], 'Non-specific effects of vaccines: plausible and potentially important, but implications uncertain', *Archives of Disease in Childhood 2017; [Epub ahead of print]*
- Prentice, T., Davis, P.G. and Gillam, L. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'The concept of "continuing creation" will not save us from difficult decisions', American Journal of Bioethics 2017; vol.17(8), pp.23-25 (full text via Document Delivery)
- **Reddihough, D.** [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Management of drooling in neurological disabilities: more evidence is needed', <u>Developmental Medicine and Child Neurology 2016; Dec 23 [Epub ahead of print]</u>
- **Sabato, S.C. and Long, E.** [Department of Anaesthesia and Pain Management, Department of Emergency Medicine, Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Reply to Engelhardt, Thomas; Schmidt, Alexander; Machotta, Andreas, regarding their comment 'Prevent the need for front of neck access", *Pediatric Anesthesia 2017; vol.27(1), pp.108-109*
- Sasaki, M., Koplin, J.J., Dharmage, S.C., Field, M.J., Sawyer, S.M., McWilliam, V., Peters, R.L., Gurrin, L.C., Vuillermin, P.J., Douglass, J., Pezic, A., Brewerton, M., Tang, M.L.K., Patton, G.C. and Allen, K.J. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute; Flemington Road, Parkville, Vic., Australia.], 'Prevalence of clinic-defined food allergy in early adolescence: the SchoolNuts study', Journal of Allergy and Clinical Immunology 2017; [Epub ahead of print]
- Serlachius, A., Pulkki-Raback, L., Juonala, M., Sabin, M., Lehtimaki, T., Raitakari, O. and Elovainio, M. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Does high optimism protect against the inter-generational transmission of

- high BMI? The Cardiovascular Risk in Young Finns Study', *Journal of Psychosomatic Research 2017; vol.100, pp.61-64*
- **Seymour, M., Giallo, R. and Wood, C.E.** [Healthy Mothers Healthy Families, Murdoch Childrens Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The psychological and physical health of fathers of children with autism spectrum disorder compared to fathers of children with long-term disabilities and fathers of children without disabilities', *Research in Developmental Disabilities 2017; Aug 01 [Epub ahead of print] (full text via Document Delivery)*
- **Seymour, M., Giallo, R. and Wood, C.E.** [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Bio-ecological factors associated with the psychological distress of fathers of children with autism spectrum disorder: a population-based study of Australian families', *Autism 2017; Jul 01 [Epub ahead of print]*
- Simm, P.J., Bicknell-Royle, J., Lawrie, J., Nation, J., Draffin, K., Stewart, K.G., Cameron, F.J., Scheffer, I.E. and Mackay, M.T. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'The effect of the ketogenic diet on the developing skeleton', Epilepsy Research 2017; vol.136, pp.62-66
- Soquet, J., Liava'a, M., Eastaugh, L., Konstantinov, I.E., Brink, J., Brizard, C.P. and d'Udekem, Y. [Department of Cardiac Surgery, Royal Children's Hospital; Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Achievements and limitations of a strategy of rehabilitation of native pulmonary vessels in pulmonary atresia, ventricular septal defect, and major aortopulmonary collateral arteries', *Annals of Thoracic Surgery 2016; Dec 20 [Epub ahead of print]*
- **Sypek, M.P., Hughes, P. and Kausman, J.Y.** [Department of Nephrology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'HLA epitope matching in pediatric renal transplantation', *Pediatric Nephrology 2016; Dec 19 [Epub ahead of print]*
- **Tavita, N. and Greaves, R.F.** [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Systematic review of serum steroid reference intervals developed using mass spectrometry', *Clinical Biochemistry 2017; [Epub ahead of print] (full text via Document Delivery)*
- Wesolowska, K., Elovainio, M., Hintsa, T., Jokela, M., Pulkki-Raback, L., Pitkanen, N., Lipsanen, J., Tukiainen, J., Lyytikainen, L.P., Lehtimaki, T., Juonala, M., Raitakari, O. and Keltikangas-Jarvinen, L. [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Fasting glucose and the risk of depressive symptoms: instrumental-variable regression in the Cardiovascular Risk in Young Finns Study', International Journal of Behavioral Medicine 2017; Aug 04 [Epub ahead of print]
- Wilkinson, A.A., Dennis, M., Simic, N., Taylor, M.J., Morgan, B.R., Frndova, H., Choong, K., Campbell, C., Fraser, D., Anderson, V., Guerguerian, A.M., Schachar, R. and Hutchison, J. [Clinical Sciences, Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Brain biomarkers and pre-injury cognition are associated with long-term cognitive outcome in children with traumatic brain injury', BMC Pediatrics 2017; vol.17, article no. 173
- Wilson, T.G., Shi, W.Y., Iyengar, A.J., Winlaw, D.S., Cordina, R.L., Wheaton, G.R., Bullock, A., Gentles, T.L., Weintraub, R.G., Justo, R.N., Grigg, L.E., Radford, D.J. and d'Udekem, Y. [Department of Cardiac Surgery, Department of Cardiology, Royal Children's Hospital; Heart Research Group, Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Twenty-five year outcomes of the lateral tunnel Fontan procedure', Seminars in Thoracic and Cardiovascular Surgery 2017; [Epub ahead of print]
- **Wurzel, D.F. and Ranganathan, S.** [Department of Respiratory Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'No evidence that heliox inhalation

therapy improves important outcomes for infants with bronchiolitis', <u>Journal of Paediatrics and Child Health 2016; vol.52(12)</u>, pp.1114-1116

Xiang, Y., Tanaka, Y., Patterson, B., Kang, Y.J., Govindaiah, G., Roselaar, N., Cakir, B., Kim, K.Y., Lombroso, A.P., Hwang, S.M., Zhong, M., Stanley, E.G., Elefanty, A.G., Naegele, J.R., Lee, S.H., Weissman, S.M. and Park, I.H. [Department of Paediatrics, University of Melbourne; Royal Children's Hospital; Murdoch Childrens Research Institute; Flemington Road, Parkville, Vic., Australia.], 'Fusion of regionally specified hPSC-derived organoids models human brain development and interneuron migration', *Cell Stem Cell 2017; [Epub ahead of print] (full text via Document Delivery)*

Yang, J.Y., Beare, R., Stojanovski, B., Maixner, W.J., Seal, M.L. and Mackay, M.T.

[Neurosurgery, Neurology, Royal Children's Hospital; Developmental Imaging, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne; Flemington Road, Parkville, Vic., Australia.], 'Characterizing brain microstructural changes in childhood arterial ischemic stroke using multi-shell diffusion magnetic resonance imaging', Stroke 2017; <a href="vol.48(Suppl. 1), AWMP109

BOOKS

[online]

Acute pediatric neurology / edited by Thomas Sejersen, Ching H. Wang. Springer, 2014.

This book provides recommendations for evaluation and therapy in the area of acute pediatric neurology; these are presented didactically with frequent use of illustrations and algorithms. Chapters in the first part of the book discuss presenting symptoms of acute neurological conditions. The second part of the book covers major areas of acute pediatric neurology and each of these chapters has three key elements: description of presenting symptoms; recommended assessments; and recommended interventions. It provides an accessible, clinically focused guide to assist physicians in the emergency ward or intensive care unit in decisions on diagnosis and therapeutic interventions in all major acute pediatric neurological diseases.

[online]

<u>The epilepsy-aphasia spectrum: from Landau-Kleffner syndrome to Rolandic epilepsy</u> / by Thierry Deonna and Eliane Roulet-Perez. Mac Keith Press, 2016.

Landau-Kleffner syndrome (LKS) is a rare childhood neurological syndrome. It is characterised by a sudden or gradual loss of ability to understand of express language (aphasia) and usually occurs in children between the ages of 3 and 7 years. Rolandic epilepsy is the most common epilepsy syndrome in childhood with involvement of the oropharyngeal manifestations, hypersalivation and arrest of speech. These two syndromes are considered to be aspects of the 'epilepsy-aphasia spectrum' with common rolandic epilepsy being the mildest form and LKS the most severe.

[online]

Metabolism at a glance / J.G. Salway. 4th ed. Wiley-Blackwell, 2017.

This essential text is progressively appropriate for introductory through to advanced medical and biochemistry courses. It also provides a succinct review of inborn errors of metabolism, as well as new coverage of sports biochemistry, and the metabolism of lipids, carbohydrates and cholesterol.

[online]

Paediatric orthopaedic trauma in clinical practice / edited by Nick A. Aresti ... [et al]. Springer, 2015.

This compact pocketbook provides orthopaedic surgeons in training with concise and relevant core knowledge on all aspects of children's fractures. Content includes the common fractures that affect children and "Red flags", such as the key management points of potentially serious injuries and complications. This book would also be useful to pediatricians and emergency department doctors working in busy clinics that need a quick reference guide and with highlighted "red flags" of children's fractures.

[online]

The pediatric cardiac anesthesia handbook / Viviane G. Nasr, James A. DiNardo. Wiley-Blackwell, 2017.

This book is divided into two parts. The first part provides an introduction to the basic assessment of patients, including cardiovascular physiology, pathophysiology and the underlying concepts in coronary heart disease,

preoperative evaluation, intraoperative management, and interpretation of cardiac catheterization data. The second part of the book addresses disorders and diseases in a templated manner covering the anatomical and physiological features, surgical therapies, anesthetic approach and postoperative management. Chapters on the heart and heart and lung transplantation consider the additional complexities of those patients and anesthetic considerations for non-cardiac surgery after heart transplantation.

[online]

Urology at a glance / edited by Hashim Hashim, Prokar Dasgupta. Wiley-Blackwell, 2017.

This text offers practical advice on diagnosis and management of one of the most rapidly developing medical specialties. It provides an overview of clinical approaches to assist the medical student or junior doctor on rotation, as well as looking at practical procedures and specific details of the most commonly encountered urological disorders.

REPORTS, STATISTICS AND OTHER MEDIA

Pediatrics Audio-Digest

v.63 (31), 21st August 2017 [Audio CD]

Pediatric and adolescent gynecology

v.63 (33), 7th September 2017 [Audio CD]

Update on infectious disease

RCH Grand Rounds

21st June 2017 [DVD]

Conflict! Easy to recognise, challenging to resolve - presented by Dr. Haavi Morreim

9th August 2017 [DVD]

What is going on in Emergency Department research? PARIS, HotFuss, CHOICE, APHIRST, TakeCare,

ConSEPT, BronchKT, PICNICC, BellPIC - presented by A/Prof. Franz Babl

23rd August 2017 [*DVD*]

<u>Caring for children with congenital hearing loss at the Melbourne Children's</u> - presented by Dr. Melinda

Barker, Namita Bhojani, Dr. Valerie Sung, Prof. David Amor and Dr. Zeffie Poulakis 30th August 2017 [*DVD*]

<u>Vulnerable children in Australia: a human rights perspective</u> - presented by Prof. Gillian Triggs