

Library Update

No.3, 2nd March, 2020

Free Book Swap: new titles available

The books in our Book Swap collection are free to take – and you don't even need to be a Library member!

Bring a book ... take a book

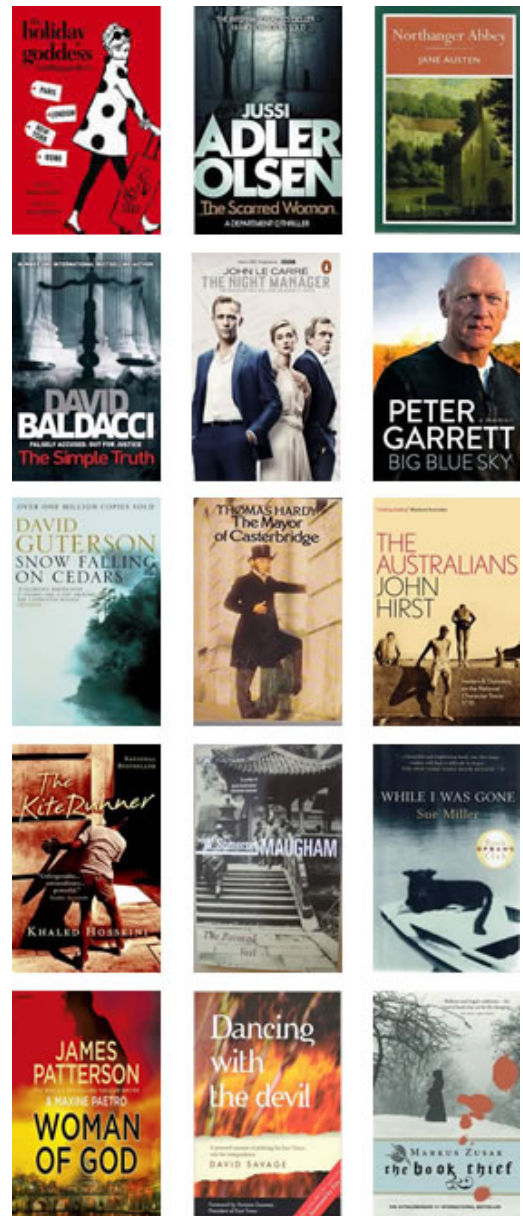
This collection is sustained by your honesty and generosity.

If you take a book, please leave one of your own to take its place

We also welcome donations of new or gently-used fiction or non-fiction to add to the collection. No kids' books please; this is for grown-ups.

Current titles include:

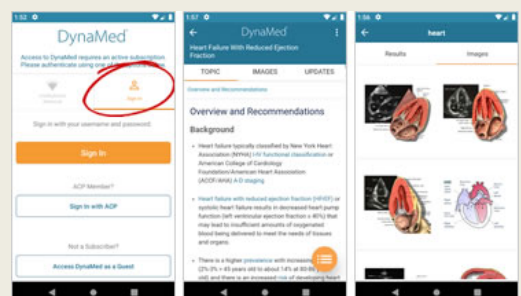
- **Holiday Goddess** / edited by Jessica Adams
- **The Scarred Woman** / Jussi Adler-Olsen
- **Northanger Abbey** / Jane Austen
- **The Simple Truth** / David Baldacci
- **The Night Manager** / John le Carré
- **Big Blue Sky** / Peter Garrett
- **Snow Falling on Cedars** / David Guterson
- **The Mayor of Casterbridge** / Thomas Hardy
- **The Australians** / John Hirst
- **The Kite Runner** / Khaled Hosseini
- **The Painted Veil** / W. Somerset Maugham
- **While I Was Gone** / Sue Miller
- **Woman of Gold** / James Patterson & Maxine Paetro
- **Dancing with the Devil** / David Savage
- **The Book Thief** / Markus Zusak



DynaMed trial: download the DynaMed app and get extended access

Create a personal account at DynaMed while on site at RCH. Then download the app for [Apple](#) or [Android](#) devices.

Access via the app will remain in place for 180 days; that's well beyond the current website trial period.



Library Update

2020 Ovid Medline global reload is complete

Medline via Ovid has now been updated with the 2020 edition of MeSH (Medical Subject Headings) from the National Library of Medicine

MeSH in 2020 includes 421 new terms, 9 deleted terms, 3 deleted subheadings and 20 new publication types.

[View a complete list of new and deleted terms.](#)

Contact Poh x55107, poh.chua@rch.org.au for help adjusting your saved searches.

Implications for saved searches in Ovid Medline, PubMed and The Cochrane Library

Check all your personal saved searches in Ovid Medline. Add new terms and replace moved/deleted terms with the updated terminology. Check the Scope Note for each MeSH term carefully for the definition, year of entry and previous indexing terms.

Saved search lines in PubMed and The Cochrane Library that contain thesaurus terms must also be checked and updated.

New MeSH terms

Accidental injuries	enhanced recovery after surgery	school, school mental health services
artificially sweetened beverages	evidence-based pharmacy practice	smart glasses
atomic bomb survivors	extreme weather	social integration
body dissatisfaction	food fussiness	sugar-sweetened beverages
cupping therapy	indigenous peoples	suicide, completed
dry needling	internet-based intervention	undiagnosed diagnosis
early warning score	intersex persons	univentricular heart
e-cigarette vapor	limited English proficiency	universal health care
edible insects	missed diagnosis	weight prejudice

Commonly used terms that must be replaced

Looking for	Current term	Replace with
Arthroses	Joint diseases/	Osteoarthritis/
Bilateral deafness	Deafness/	Deafness/ or Hearing loss, bilateral/
Clinical prediction rule	Decision support techniques/	Decision support techniques/ or Clinical decision rules/
Continuous arteriovenous hemofiltration	Hemofiltration/	Continuous renal replacement therapy/ or Extracorporeal circulation/ or Continuous renal replacement therapy/
Emotional stress	Stress, psychological/	Psychological distress/
Famine	Starvation/	Famine/
Intersex persons	Transgender persons/	Intersex persons/
Locked-in syndrome	Quadriplegia/	Locked-in syndrome/
Mentalizing	Theory of mind/	Mentalization/
Narcotic abuse or addition or dependence	Opioid-related disorders/	Narcotic-related disorders/
Orthopedic surgery	Orthopedics/	Orthopedics/ or Orthopedic procedures/
Rumination disorders	"Feeding and eating disorders of childhood"/	Gastrointestinal diseases/ or Rumination syndrome/
Shared decision making	Decision making/	Decision making/ or Decision making, shared/

Library Update

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](#) – NICE guideline [NG148]
- [Asthma: diagnosis, monitoring and chronic asthma management](#) – NICE guideline [NG80]
- [Bipolar disorder: assessment and management](#) – Clinical guideline [CG185]
- [Epilepsies: diagnosis and management](#) – Clinical guideline [CG137]
- [Fever in under 5s: assessment and initial management](#) – NICE guideline [NG143]
- [Workplace health: long-term sickness absence and capability to work](#) – NICE guideline [NG146]

Health awareness calendar

- Mar 3 – [World Hearing Day](#)
- Mar 1-7 – [Hearing Awareness Week](#)
- Mar 8 – [International Womens Day](#)
- Mar 12 – [World Kidney Day](#)
- Mar 13 – [World Sleep Day](#)
- Mar 16-22 – [Brain Awareness Week](#)
- Mar 21 – [World Down Syndrome Day](#)
- Mar 21 – [International Day for the Elimination of Racial Discrimination](#)
- Mar 25 & 26 – [Australian Healthcare Week Expo](#)
- Mar 26 – [Purple Day](#)
- Mar 28 – [Earth Hour](#)

EndNote Tip for Mac users: Save as compressed library (.enlx) instead of a package (.enlp)

If you are a Mac user you can save your EndNote library either as a compressed library (.enlx) or a package (.enlp). This allows you to easily save, backup or email your library.

Both options place the EndNote library (.enl) and its associated DATA folder together as one file. We

recommend that you save as compressed rather than a package because:

1. The compressed library is compatible with Windows.
2. It is easier to recover the library (.enl) from the compressed version than the packaged version. This may be necessary if your library becomes damaged or corrupted and you need to rebuild it.
3. Direct Export from databases tends not to work with a packaged library.

Library Training: Session times for March/April 2020

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

Session	March	April
Nursing & Allied Health	Wednesday 18 March, 2:00 pm	Monday 20 April, 12:00 pm
Cochrane Library	Monday 2 March, 10:00 am	Tuesday 7 April, 10:00 am
EndNote Tutorial 1	Tuesday 10 March, 10:00 am	Thursday 16 April, 9:00 am
EndNote Tutorial 2	Tuesday 17 March, 10:00 am	Thursday 23 April, 9:00 am
EndNote Demonstration	Wednesday 18 March, 8:30 am	-
Finding the Evidence	Monday 2 March, 9:00 am	Wednesday 15 April, 12:00 pm
Introduction to the Library	Tuesday 24 March, 12:00 pm	Monday 20 April, 8:30 am
Ovid Medline	Tuesday 10 March, 12:00 pm	Monday 6 April, 8:30 am
PubMed	Monday 16 March, 10:30 am	Thursday 16 April, 11:00 am

Health and Science News

- **How previous outbreaks prepared researchers for coronavirus:** Scientists were ready with a “plug and play” protocol when COVID-19 hit. [Read more](#) [source: natureindex.com]
- **New paediatric care model produces positive results:** An Australian pilot study which embedded paediatricians into five GP clinics over 12 months reduced emergency department and private paediatrician referrals. [Read more](#) [source: scimex.org]
- **Safe movement - avoiding back injury and pain:** How do health professionals protect their back? [Read more](#) [source: healthtimes.com.au]
- **10 tips to help take your nursing career to the next level:** Once you have worked out what you want, you will be able to determine which direction is best for you to follow in order to achieve your objectives and goals. [Read more](#) [source: electronichealthreporter.com]
- **Smart jumpsuit tracks infant movements to spot neurodevelopmental disorders:** The suit contains multiple sensors that provide accelerometer and gyroscope data on movement, and a machine-learning algorithm interprets the data to provide information on movement types and posture. [Read more](#) [source: medgadget.com]
- **RACGP calls for national plan to deal with pandemics:** “Australia needs to implement a national plan for dealing with potential pandemics. This isn’t the first and won’t be the last”. [Read more](#) [source: healthtimes.com.au]
- **Why nurses are instrumental in times of natural disaster and trauma:** Registered nurses are highly qualified professionals that have a depth and breadth of knowledge in their training that enables them to diversify their skills when required. [Read more](#) [source: healthtimes.com.au]
- **Breakthrough therapy uses Minecraft to empower children with ASD:** “The game acts as tool for the clinical psychologist to bring the therapeutic concept to life through characters, puzzles and activities”. [Read more](#) [source: healthtimes.com.au]
- **Childhood cancer rates increase with no change in sight:** The incidence rate of childhood cancer in Australia increased by 1.2 per cent each year between 2005 and 2015, and is expected to rise a further 7 per cent over the next 20 years, according to Australian research. [Read more](#) [source: scimex.org]
- **Could warmer weather help contain the coronavirus?:** That’s what some infectious disease experts are hoping. But they cannot be sure yet because this virus has not been around long enough for scientists to collect the evidence they need. [Read more](#) [source: reuters.com]
- **Study shows UV technology raises the standard in disinfecting ORs and medical equipment:** Ultraviolet (UV) technology eliminates more than 96 percent of pathogens in operating rooms (ORs) and on medical equipment, compared to 38 percent using manual cleaning methods. [Read more](#) [source: eurekalert.com]
- **Backing our world-leading medical researchers:** Researchers in the early stage of their projects with an aim of translating their work into positive health and economic outcomes for Victoria are invited to apply to the Victorian Medical Research Acceleration Fund. [Read more](#) [source: health.vic.gov.au]
- **Handheld eye scanner to detect autism spectrum disorder:** The device allows clinicians to obtain light-adapted electroretinograms, which involves detecting electrical signals in the retina and could help in diagnosing children with autism much earlier. [Read more](#) [source: medgadget.com]
- **Powerful antibiotics discovered using AI:** Machine learning spots molecules that work even against ‘untreatable’ strains of bacteria. [Read more](#) [source: nature.com]
- **How to bounce back from a bruising peer-review or paper rejection:** “It’s important not to take reviewers’ comments personally, even if you feel they have misunderstood the science.” [Read more](#) [source: nature.com]
- **How scientists use Slack:** “E-mail is genuinely awful and actually disastrous for group communication.” [Read more](#) [source: nature.com]
- **It’s now a matter of when, not if, for Australia. This is how we’re preparing for a jump in coronavirus cases:** The good news is currently there’s no evidence of “community transmission” of the virus in Australia. [Read more](#) [source: theconversation.com]
- **Someday, this prosthetic heart valve might be the only one a child needs:** “We mimicked the geometric profile of the human venous valve to design a bileaflet heart valve of programmed dimensions that is adaptable to growth without loss of one-way flow control.” [Read more](#) [source: discoveries.childrenshospital.org]

CAMPUS PUBLICATIONS

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

- Atlas, G., Rombauts, L., Wall, M., MacGregor, D., Lall, P., Harley, V. and Hewitt, J.** [Royal Children's Hospital; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'A human model showing the ability of testis XX cells to masculinise into sertoli cells and success of microTESE surgery in paediatric azoospermia', [Hormone Research in Paediatrics 2019; vol.91\(Suppl. 1\), pp.188-189](#)
- Bagheri-Fam, S., Chen, H., Wilson, S., Ayers, K., Hughes, J., Sloan-Bena, F., Calvel, P., Robevska, G., Puisac, B., Kusz-Zamelczyk, K., Gimelli, S., Spik, A., Jaruzelska, J., Warenik-Szymankiewicz, A., Faradz, S., Nef, S., Pie, J., Thomas, P., Sinclair, A. and Wilhelm, D.** [Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'The gene encoding the ketogenic enzyme HMGCS2 displays a unique expression during gonad development in mice', [PLoS ONE 2020; vol.15\(1\), pp. e0227411](#)
- Bannister, S., Messina, N.L., Novakovic, B. and Curtis, N.** [Department of Paediatrics, University of Melbourne; Infectious Diseases Research Group, Epigenetics Research Group, Murdoch Childrens Research Institute; Infectious Diseases Unit, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'The emerging role of epigenetics in the immune response to vaccination and infection: a systematic review', [Epigenetics 2020; \[Epub ahead of print\] \(full text via Document Delivery\)](#)
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- Borschmann, R., Craig, S. and Hiscock, H.** [Centre for Adolescent Health, Murdoch Childrens Research Institute; Health Services Research Unit, Royal Children's Hospital; Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Reducing suicide after hospital-treated self-harm in young people', [Lancet Child and Adolescent Health 2020; vol.4\(2\), pp.92-93](#)
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- Cheng, D.R., Silverman, E.D. and Cho, R.** [Department of General Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Coughing up clues: 16-year-old girl with acute haemoptysis', [BMJ Case Reports 2020; vol.13\(1\), article no. e233251 \(full text via Document Delivery\)](#)
- Claussnitzer, M., Cho, J.H., Collins, R., Cox, N.J., Dermitzakis, E.T., Hurles, M.E., Kathiresan, S., Kenny, E.E., Lindgren, C.M., MacArthur, D.G., North, K.N., Plon, S.E., Rehm, H.L., Risch, N., Rotimi, C.N., Shendure, J., Soranzo, N. and McCarthy, M.I.** [Murdoch Childrens Research Institute; Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'A brief history of human disease genetics', [Nature 2020; vol.577, pp.179-189](#)
- Craig, S., Babl, F.E., Dalziel, S.R., Gray, C., Powell, C., Al Ansari, K., Lyttle, M.D., Roland, D., Benito, J., Velasco, R., Hoefle, J., Moldovan, D., Thompson, G., Schuh, S., Zorc, J.J., Kwok, M., Mahajan, P., Johnson, M.D., Sapien, R., Khanna, K., Rino, P., Prego, J., Yock, A., Fernandes, R.M., Santhanam, I., Cheema, B., Ong, G., Chong, S.L., Gaudins, A. and Pediatric Emergency Research Networks.** [Emergency Department, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Acute severe

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BOOKS

[online]



[Adolescent health and wellbeing: current strategies and future trends](#)

/ Alessandro Pingitore, Francesca Mastorci, Cristina Vassalle, editors.
Springer, 2019.

This book presents a detailed and updated review of the widespread changes that take place during adolescence, adopting a preventive perspective that reflects physical, social, cognitive, and emotional changes.

It addresses a broad range of aspects, including: the preventive programs and their systemic effects; the role of environment in influencing the healthy behaviors of adolescents and young adults; the use of e-Health technology in health and behavioral interventions for adolescents; and the clinical and prognostic implications of primordial prevention in healthy adolescents. All of these elements are subsequently reviewed using a multidimensional approach, in order to offer extensive information on the complex changes that characterize adolescents' physiological, psychological, and neurobiological development.

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In addition, the book depicts the preventive strategies currently used in various social settings (school, family, sport club, health policies) aimed not only at reducing lifestyle risk behaviors, but also at improving resilience, happiness, social involvement, self-esteem, and sociability.

This update is essential in the light of the fact that, to date, prevention has mainly been directed towards adolescents with physical or mental disorders rather than their healthy peers.

[online]



[Congenital cytomegalovirus infection: epidemiology, diagnosis, therapy](#) / Gabriele Halwachs-Baumann, editor. 2nd ed. Springer, 2018.

Congenital cytomegalovirus (CMV) infection is the most common intrauterine transmitted viral infection, with a tremendous impact on fetuses and newborns. In this book the history of this disease, its pathophysiological background, epidemiology and symptoms, as well as diagnostic and therapeutic strategies, will be discussed.

Since economic aspects are gaining more and more importance in health politics, one chapter is dedicated to this issue in the context of congenital CMV infection.

The content is based on the latest scientific findings and written in an understandable manner, allowing persons not working in the field of congenital CMV to also profit from it. Thus, this book is of interest for medical doctors, nurses, midwives, economists, but also for men and women who want to inform themselves about this topic.

[online]



[Guide to pediatric urology and surgery in clinical practice](#) / Prasad P. Godbole, Duncan T. Wilcox, Martin Koyle, editors. 2nd ed. Springer, 2020. [1st ed, 2011 also available online]

This extensively revised second edition provides a quick reference guide to pediatric surgical and urological problems encountered in the primary care clinic.

Chapters cover recent updates in the field and give a synopsis of a particular condition, its management in primary care, indications for referral, and timing of referral.

It features a concise collection of pediatric surgical and urological conditions commonly encountered in primary care, and is a valuable resource for primary care practitioners, medical students, pediatricians and residents in pediatrics.

[online]



[Imaging practice and radiation protection in pediatric radiology: conventional radiography](#) / Michael Seidenbusch, Veronika Rosenberger, Karl Schneider. Springer, 2020.

This book offers the reader sound advice on how to perform optimal conventional pediatric radiographs and how to obtain quick and easy organ dose estimates in order to improve the optimization process in pediatric imaging.

Clear guidelines are provided for minimization of the radiation exposure of children through optimization of the radiation exposure conditions, and conversion coefficients are presented for calculation of the organ doses achieved in organs and tissues during conventional pediatric radiography, taking into consideration both optimal and suboptimal radiation field settings.

Previously published conversion coefficients have failed to represent the variation in radiation field settings in daily clinical routine, which has made it difficult for the pediatric radiologist to estimate the impact of the field settings on absorbed doses in organs and tissues.

The aim of this book, co-written by a pediatric radiologist, a physician and physicist, and a medical radiation technologist, is to address this issue by providing, for the first time, a thorough overview of clinical radiation field settings and their implications for radiation protection.

[online]



[Probiotics and child gastrointestinal health](#) / Stefano Guandalini, Flavia Indrio, editors. Springer, 2019.

This book shows the huge impact the gut microbiota has on the gastrointestinal health of humans with a particular focus on children. It also highlights the potential use of probiotic microorganisms to protect or improve children's gastrointestinal health.

The topics addressed in this book are spanning from the development of the gut microbiota in the fetus and newborn all the way to current and potential applications in disparate conditions such as necrotizing enterocolitis, or infectious, or inflammatory conditions affecting the child.

The book is written in a rigorous, evidence based manner by an international group of outstanding experts in these fields and is aimed at pediatric gastroenterologists, pediatricians and physician scientists alike.

Library Update

[online]



[The rise of fetal and neonatal physiology: basic science to clinical care](#) / Lawrence D. Longo. 2nd ed. Springer, 2018.

This second edition offers an expanded and updated history of the field of fetal and neonatal development, allowing readers to gain a comprehensive understanding of the biological aspects that contribute to the wellbeing or pathophysiology of newborns.

In this concluding opus of a long and prominent career as a clinical scientist, Dr. Longo has invited new contributions from noted colleagues with expertise in various fields to provide a historical perspective on the impact of how modern concepts emerged in the field of fetal physiology and contributed to the current attention paid to the fetal origins of diseases in adults.

The extensive survey provided by the author, who personally knew most of the pioneers in the field, offers a unique guide for all clinical and basic scientists interested in the history of – and future approaches to diagnosing and treating – pathologies that represent the leading causes of neonatal mortality and, far too often, life-long morbidity.