RCH History in the Library
The Library collection includes some interesting resources outlining the history of RCH from its beginnings in 1870 to the present. These are particularly relevant as the hospital approaches its 150th anniversary celebrations in 2020.

DVDs
- The Golden years at the Royal Children's Hospital: a light hearted collection of three short films from the 1970s: A day in the life of a hospital; A day in the life of a nurse; and Hospital hangups.
- Jock's Library: describes the life of Melbourne paediatrician John Whyte Grieve after whom the RCH Library was named, and the first 40 years of the Library named in his honour.
- RCH (RMO) Revues: these always guarantee some laughs. Available for loan from 2002 to 2014.

Books
- Hospital children: a tiny volume originally published in 1891 by Sister Grace Jennings Carmichael.
- The Royal Children's Hospital: a history of faith, science and love: Peter Yule's work from 1999.
- Caring for our children: the history of nursing at RCH by Margaret McInnes's from 2006.
- Thirty years from the heart: T.H. Goh covers 30 years of cardiology in this 2005 book.

Grand Rounds
- Kevin Collins presented What's in your box? What's in our box? What are we taking with us “up the road”? in 2011, which reflected on the history, culture, people and achievements of RCH prior to the move to this hospital.
- Keith Waters recognised 40 years of paediatric oncology in 2013.
- Yves d'Udekem shared 25 years of experience with Tetralogy of Fallot repairs in 2013.
- Frank Oberklaid celebrated 21 years of the Centre for Community Child Health in 2016.

Free Ovid resource in October
Test drive complimentary access to PsycBooks for the month of October

PsycBooks is an extensive collection of peer-reviewed books that provides students, researchers, and educators access to high-quality publications in psychology and related fields.

Complete the form to receive a confirmation email with a username and password. You can then log in to Ovid and access PsycBooks until the end of the month.
New reports from Australian Institute of Health and Welfare (AIHW)

Health Expenditure Australia 2014-15

Spending on health in Australia (recurrent and capital expenditure combined) was $161.6 billion in 2014–15, $4.4 billion (2.8%) higher in real terms than in 2013–14. This was the third consecutive year that growth in health expenditure was below the 10-year average (4.6% between 2004–05 and 2014–15). Growth in health expenditure per person was also relatively low, at less than a half of the average annual growth over the decade (1.4% compared with 2.9%). Despite the low growth, the share of the economy (GDP) represented by health reached 10.0% for the first time.

More information in the media release, or read the full report.

Australia's Health 2016

Australia's health 2016 is the 15th biennial health report of the Australian Institute of Health and Welfare. This edition profiles current health issues in a collection of feature articles and statistical snapshots that cover a range of areas, including: The health status of Australians; Health expenditure; The major causes of ill health; Determinants of health; Health through the life course; Health of Indigenous Australians; Preventing and treating ill health; Health system performance.

More information in the media release, or read the full report.

iMedical apps reviews

10 minute ER challenge app launched from Hopkins group

“CTisus 10 minute ER Challenge is a fantastic radiology learning medical app that is free to download and comes from reputable physician authors. If you’re looking for a deep dive into radiology learning this app won’t provide that — but it succeeds by being simple and fun to use.” Read more ...

Apple’s new home button makes iPhones and iPads more difficult to use in hospital settings

“With the solid state home button, you can’t encase an iPad effectively to keep it sterile and still use the device. With iOS 10 you can only access the home screen through the home button (prior iOS versions enabled you to use the lock button to access the home screen). I’m hoping a company is able to figure out a way to make sterile cases that will accommodate the new home screen, but at this time they don’t exist. Even if they do, it will be a huge hassle for companies and hospitals when the iPad eventually gets the same home button.” Read more ...

Review of the Infectious Disease Compendium app, a worthy alternative to Sanford and Hopkins

“The Infectious Disease Compendium (IDC) medical app is an outstanding infectious diseases guide that continues to give the competition a run for their money. The combination of humorous, yet authoritative writing, along with an easy to use interface all at a very reasonable price makes the app easy to recommend. Although I personally still favor the Hopkin's and Sanford Guides primarily for their frequent updates, most providers cannot go wrong with IDC and should check it out.” Read more ...

Review of the PosterCast app, a novel approach to presenting scientific posters

“The PosterCast app is a fabulous concept that turns the poster presentation experience into a user friendly, easy to disseminate multimedia experience. The demos available on the device look amazing, but unfortunately users cannot “try it out” without a conference code. Time will tell if this technology is utilized at many of the larger national/international medical conferences.” Read more ...
Cochrane Library: new items

Select Cochrane Library from the library’s list of databases, 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.

Editorials

- Avoiding or stopping steroids in kidney transplant recipients: sounds good but does it work? More...
- Introducing Cochrane Global Ageing: towards a new era of evidence. More...

New Cochrane Database of Systematic Reviews (Protocols)

- Conservative treatment for functional daytime urinary incontinence in children. More...
- Dental filling materials for managing carious lesions in the primary dentition. More...
- Dexmedetomidine for analgesia and sedation in newborn infants receiving mechanical ventilation. More...
- Fish oil-based lipid emulsions versus standard lipid emulsions for treatment of parenteral nutrition-associated liver disease in children. More...
- Head midline position for preventing the occurrence or extension of germinal matrix-intraventricular hemorrhage in preterm infants. More...
- Interventions for idiopathic toe walking. More...
- Interventions for preventing ophthalmia neonatorum. More...
- Plasma transfusion to prevent intraventricular haemorrhage in very preterm infants. More...
- Video feedback for improving parental sensitivity and attachment. More...

New Cochrane Database of Systematic Reviews (Reviews)

- Antifibrinolytic agents for reducing blood loss in scoliosis surgery in children. More...
- Avoidance of bottles during the establishment of breast feeds in preterm infants. More...
- Baby-led compared with scheduled (or mixed) breastfeeding for successful breastfeeding. More...
- Cognitive behavioural therapy (CBT) for adults and adolescents with asthma. More...
- Community-based population-level interventions for promoting child oral health. More...
- Compression stockings for preventing deep vein thrombosis in airline passengers. More...
- Different antibiotic treatments for group A streptococcal pharyngitis. More...
- Electronic cigarettes for smoking cessation. More...
- Factors that impact on the use of mechanical ventilation weaning protocols in critically ill adults and children: a qualitative evidence-synthesis. More...
- Interventions for patients and caregivers to improve knowledge of sickle cell disease and recognition of its related complications. More...
- Maxillary distraction osteogenesis versus orthognathic surgery for cleft lip and palate patients. More...
- Medical interventions for the prevention of platinum-induced hearing loss in children with cancer. More...
- Non-invasive positive pressure ventilation for acute asthma in children. More...
- Non-nutritive sucking for increasing physiologic stability and nutrition in preterm infants. More...
- Oral appliances and functional orthopaedic appliances for obstructive sleep apnoea in children. More...
- Oral stimulation for promoting oral feeding in preterm infants. More...
- Pain-relieving agents for infantile colic. More...
- Paracetamol (acetaminophen) for prevention or treatment of pain in newborns. More...
- Pneumococcal vaccines for cystic fibrosis. More...
- Polyunsaturated fatty acids (PUFAs) for children with specific learning disorders. More...
- Population-level interventions in government jurisdictions for dietary sodium reduction. More...
- Singing as an adjunct therapy for children and adults with cystic fibrosis. More...
- Strategies to improve the implementation of healthy eating, physical activity and obesity prevention policies, practices or programmes within childcare services. More...
- Synchronized mechanical ventilation for respiratory support in newborn infants. More...
- Ultrasound-guided arterial cannulation for paediatrics. More...
- Vitamin A supplementation for the prevention of morbidity and mortality in infants one to six months of age. More...
- Vitamin D for the management of asthma. More...
Search Tip: Cochrane Library – advanced search tips

- Use NEXT to search for heart attack or heart attacks, but not attacking the heart. For example: heart NEXT attack*. This operator assumes the terms are in the direction keyed. Don’t use numbers with NEXT, such as NEXT/2.

- Use NEAR to search for words appearing in either direction, with a number to denote the maximum number of words between the terms. For example: heart NEAR/2 attack* will find heart attack, heart attacks, attacking the child’s heart, heart that is attacked.

- Truncate search terms using an asterisk*. For example: heart attack* will find papers on heart attack, heart attacks, attacking heart. The root word must be at least 3 characters.

- Enclose terms in “quotation marks” to search for an exact phrase. For example: “heart attack” will only find that exact phrase. Do not enclose an asterisk in a phrase, i.e. “heart attack*”.

STAFF PUBLICATIONS

Article titles are linked to full text where available, or to information about ordering documents.


Burns, C., Clayton, J., Ng, J. and Hansford, J. [Children's Cancer Centre, Department of Neurosurgery, Department of Anatomical Pathology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Primitive myxoid mesenchymal tumour of infancy - a case of early chemotherapy-responsiveness and review of the literature', Neuro-Oncology 2016; vol.18(Suppl. 3), pp.iii7-iii8


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Rao, S., Yao, Y., Zheng, C., Ryan, J., Mao, C., Zhang, F., Meyre, D. and Xu, Q. [Disease Epigenetics Group, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.] 'Common variants in CACNA1C and MDD susceptibility: a comprehensive meta-analysis', *American Journal of Medical Genetics Part B, Neuropsychiatric Genetics* 2016; vol.171(6), pp.896-903 (full text via Document Delivery)


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BOOKS


“This new edition considers what happens to the body's chemistry when affected by disease. Each chapter covers the relevant basic science and effectively applies this to clinical practice. It includes discussion on diagnostic techniques and patient management and makes regular use of case histories to emphasise clinical relevance, summarise chapter key points and to provide a useful starting point for examination revision. The approach and scope of this trusted text makes it ideal for integrated medical curricula for medical training and for students and practitioners of clinical and biomedical science.”


“This text provides a comprehensive and timely reference that focuses on the translational and clinical use of DNA repair as a target area for the development of diagnostic biomarkers and the enhancement of cancer treatment. Experts on DNA repair proteins from all areas of cancer biology research take readers from bench research to new
therapeutic approaches. This book provides a detailed discussion of combination therapies, in other words, how the inhibition of repair pathways can be coupled with chemotherapy, radiation, or DNA damaging drugs. Newer areas in this edition include the role of DNA repair in chemotherapy induced peripheral neuropathy, radiation DNA damage, Fanconi anemia cross-link repair, translesion DNA polymerases, BRCA1-BRCA2 pathway for HR and synthetic lethality, and mechanisms of resistance to clinical PARP inhibitors.

[online]

“The second edition has been extensively revised to cover recent advances in knowledge and management. The book is intended as a comprehensive, one-stop reference for specialists and health professionals who care for young children with spinal deformities. In addition, it will effectively help to standardize the care of these patients. Depending on the etiology, children with spinal deformities are often cared for by multiple specialists, including pediatricians, pediatric orthopaedists or orthopaedic spine surgeons, neurologists, pediatric surgeons, pediatric neurosurgeons, oncologists, and pulmonologists. The multidisciplinary nature of care is reflected in this text, which will be of value for all involved practitioners rather than just orthopaedic specialists. It will also be an ideal reference for nurses, physical therapists, and healthcare professionals in training, who are usually unfamiliar with spinal deformities in children.”

[online]
Pediatric robotic urology / edited by Jeffrey S. Palmer. Humana Press, 2009. [also held in print]

“This text offers a state-of-the-art overview of the precise surgical techniques revolutionizing pediatric urology surgery. It covers introductory and advanced surgical topics and includes over 100 color illustrations of intraoperative procedures.”

[online]

“Beginning with the scientific basis of tumors, this book provides up-to-date information on epidemiology, cytogenetics, and molecular biology, before examining current treatments for the full range of pediatric tumors. Integration of surgery, neoadjuvant and adjuvant chemotherapy, and radiation therapy is a dominant theme. In addition, chapters on supportive care, palliative care, and the role of parents' associations reflect the book's holistic approach. Excellent full-color pictures and line drawings illustrate all aspects of managing childhood tumors, including details of operative techniques neglected in many other texts. This comprehensive book, expanded and updated to encompass the very latest developments and strategies, provides a contemporary approach for pediatric, general, and urological surgeons dealing with childhood tumors.”

[online]

“Covers screening, pathophysiology, diagnosis, treatment, management, prevention, critical care, practice management, ethical and legal concerns and much more. Full-color photos throughout.”

REPORTS, STATISTICS AND OTHER MEDIA

Pediatrics Audio-Digest
v.62 (35), 21st September 2016 [Audio CD]
(Update on substance abuse)
v.62 (37), 7th October 2016 [Audio CD]
(Update on pediatric cardiology)