The Library user survey results are in! Now to analyse them ...

With 459 responses, compared with 264 in our 2011 survey, this could take some time! Thank you to all who responded. Your input is essential so we can meet your needs effectively. We look forward to helping you in 2017 and beyond. Congratulations to Katherine Frayman – winner of the Village Gold Class voucher for completing the survey.

Some quick figures to start with, more to come in 2017

Responses by profession

- Doctor: 0-10 years of professional practice: 13%
- Doctor: more than 10 years of professional practice: 19%
- Nurse: 24%
- Allied Health: 16%
- Scientist: 7%
- Administration or clerical: 5%
- Student: 3%
- Other: 13%

Overall satisfaction with Library

- 1 (Low): 1%
- 2: 1%
- 3: 14%
- 4: 45%
- 5 (High): 39%
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iMedical apps reviews

Adherium's smart inhaler reduces hospitalizations, steroid use in recent study

“In a recent study, Australian digital health company Adherium’s smart inhaler was shown to reduce hospitalizations and acute asthma exacerbations in kids with poorly controlled asthma. The primary outcome was disease control based on a validated questionnaire, the ACQ, and after 12 months there was no difference. Interestingly though the pre-specified secondary outcomes tell a different story. Adherence rates were 70% in the intervention group vs. 49% in the control group. In addition, kids in the intervention group had fewer hospitalizations (0.025 vs. 0.129 per 100 child days, p<0.001) and fewer courses of steroids (0.411 vs. 0.676 per 100 child days, p=0.008).” Read more ...

SMARTCOUGH study gets IRB approval to study diagnosing coughs with a smartphone microphone

“ResApp uses the microphone to record breath sounds and coughs, and utilizes an algorithm to diagnose common respiratory diseases. The medical app, developed by the University of Queensland and funded by the Bill and Melinda Gates Foundation, records the user’s cough and runs it against an algorithm to determine the type of illness and the severity. The potential for this mobile technology is immeasurable for “telemedicine.” Being able to email the sounds of a cough or even send that sound via an app would have huge implications for telemedicine. Importantly, its effect on health care in developing countries or war zones could be considerable as well — which is one of the reasons the Gates foundation was one of the initial backers of the project.” Read more ...

American Medical Association releases guidelines for use of health apps

“Recently, the American Medical Association (AMA) recently approved physician-adjudicated principles to guide selection, use, coverage, and payment policies of mobile health apps during the AMA Interim Meeting. These principles will guide future advocacy and efforts in promoting the use of health apps and other digital health tools. In addition to supporting development, a unique focus of the AMA’s efforts seems to be on integration of these tools into clinical workflows, patient-physician relationships, and reimbursement models.” Read more ...

Surgeons using Google Cardboard to plan complex heart surgeries in babies

“Surgeons in Florida are using Google Cardboard to help plan complex surgeries for infants with congenital heart disease, including in a recent life-saving surgery for an infant born with a particularly severe congenital heart defect. This certainly is not the last time we will hear of virtual reality technology being utilized in healthcare. The possibilities that virtual reality offers for healthcare are immense, and hopefully with the recent explosion in the array of devices available more exciting usage data will arise.” Read more ...
Australia's health and medical research workforce

Expert people providing exceptional returns
Deloitte Access Economics for The Australian Society for Medical Research, 19 October 2016

The NHMRC (National Health and Medical Research Council) is Australia's peak funding agency for health and medical research, supporting a large proportion of our workforce. This report quantifies the value of that workforce and examines the health and economic gains under contrasting scenarios. Read the report (PDF).

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STAFF PUBLICATIONS

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

Abu-Bonsrah, K.D., Zhang, D. and Newgreen, D.F. [Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'CRISPR/Cas9 Targets chicken embryonic somatic cells in vitro and in vivo and generates phenotypic abnormalities', Scientific Reports 2016; vol.6, article no. 34524

Archibald, A., Scarff, K., Smith, M., Elliott, J., Hunt, C., McDonald, Z., Barns-Jenkins, C., Holt, C., Sandoval, K., Siva Kumar, V., Ward, L., Cowie, S., Burgess, T., Amor, D., Yiu, E., Massie, J., Sart, D.D. and Bruno, D. [Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Genetic counseling challenges with reproductive genetic carrier screening for cystic fibrosis, fragile x syndrome and spinal muscular atrophy: experience with 10,000 patients', Twin Research and Human Genetics 2016; vol.19(5), pp.545


Backhouse, B., Sinclair, A., Ayers, K. and Tan, T.Y. [Department of Paediatrics, University of Melbourne, Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'The phenotypic and genotypic spectrum of Mayer-Rokitansky-Kuster-Hauser syndrome', Twin Research and Human Genetics 2016; vol.19(5), pp.568


Balasubramaniam, S., Koo, M., Lewis, B., Mattman, A., Van Karneebek, C., Rodenburg, R. and Christodoulou, J. [Murdoch Childrens Research Institute, Victorian Clinical Genetics Services, Royal Children's Hospital, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Leigh-like syndrome due to homoplasmic m.8993t>g variant with hypocitrullinemia and unusual biochemical features suggestive of multiple carboxylase deficiency (MCD)', Twin Research and Human Genetics 2016; vol.19(5), pp.531

Bankier, A. [Human Research Ethics Committee, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Links and second chances', Twin Research and Human Genetics 2016; vol.19(5), pp.526


Brady, R.D., Grills, B.L., Church, J.E., Walsh, N.C., McDonald, A.C., Agoston, D.V., Sun, M., O'Brien, T.J., Shultz, S.R. and McDonald, S.J. [Murdoch Childrens Research Institute, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.] 'Closed head experimental traumatic brain injury increases size and bone volume of callus in mice with concomitant tibial fracture', *Scientific Reports* 2016; vol.6, article no. 34491.


Burke, J., Burgess, T. and Amor, D. [Victorian Clinical Genetics Service, Royal Children's Hospital, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.] 'Keeping it in the family-consanguinity in Tasmania versus mainland Australia', *Twin Research and Human Genetics* 2016; vol.19(5), pp.585.


Cohen, P., Flowers, N., Pertile, M.D., Hannan, N., Tong, S. and Hui, L. [Victorian Clinical Genetics Service, Department of Paediatrics, University of Melbourne, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.] 'Detection rates of high grade serous ovarian cancers using a clinical non-invasive prenatal testing platform: potential for ovarian cancer screening', *Ultrasound in Obstetrics and Gynecology* 2016; vol.48(Suppl. 1), pp.18.

Cooper, M., Leventer, R., Gillam, L. and Thomson Bowe, K. [Developmental Medicine, Children's Bioethics Centre, Royal Children's Hospital, Murdoch Childrens Research Institute, Department of Paediatrics, Flemington Road, Parkville, Vic., Australia.], 'Extraordinary survival: what does it take?', *Pediatric Neurology* 2015; Dec 10 [Epub ahead of print]


 Cutler, T.L., Craig, J.M., Segal, N.L., Umstad, M.P., Keogh, L.A., Rankin, M., Denton, J., Derom, C.A., Sumathipala, A., Harris, J.R. and Hopper, J.L. [Murdoch Childrens Research Institute, Royal Children's Hospital, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Can we do more to help parents of newborn twins understand about zygosity and chorionicity?', *Twin Research and Human Genetics* 2016; vol.19(5), pp.512-513


 Dierig, A., Ritz, N., Tacke, U. and Heininger, U. [Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Group A streptococcal suppurative arthritis and osteomyelitis of the shoulder with brachial plexus palsy in a newborn', *Pediatric Infectious Disease Journal* 2016; vol.35(10), pp.1151-3


 Donald, J.S. and Konstantinov, I.E. [Department of Cardiac Surgery, Royal Children's Hospital, Department of Paediatrics, University of Melbourne, Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Surgical aortic valvuloplasty versus balloon aortic valve dilatation in children', *World Journal for Pediatric and Congenital Heart Surgery* 2016; vol.7(5), pp.583-91


 Doyle, L.W., Adams, A.M., Robertson, C., Ranganathan, S., Davis, N.M., Lee, K.J., Cheong, J.L., Anderson, P., Burnett, A., Callanan, C., Carse, E., Charlton, M.P., Cheong, J., Davis, N., Duff, J., Hutchinson, E., Hayes, M., Kelly, E., McDonald, M., Opie, G., Roberts, G., Watkins, A. and Woods, H. [Clinical Sciences, Clinical Epidemiology and Biostatistics, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Thoracic Medicine, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Increasing airway obstruction from 8 to 18 years in extremely preterm/low-birthweight survivors born in the surfactant era', *Thorax* 2016; [Epub ahead of print]

 Elliott, J., Archibald, A., Scarff, K., Flowers, N., Amor, D. and Pertile, M. [Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Foetal sex chromosome detection during early pregnancy via Non Invasive Prenatal Testing (NIPT)', *Twin Research and Human Genetics* 2016; vol.19(5), pp.528-529

 Engelmann, D., Mатаika, R.L., Kado, J.H., Ah Kee, M., Donath, S., Parks, T. and Steer, A.C. [Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Murdoch Childrens Research Institute,
Flemington Road, Parkville, Vic., Australia.], 'Adherence to secondary antibiotic prophylaxis for patients with rheumatic heart disease diagnosed through screening in Fiji', Tropical Medicine and International Health 2016; Oct 12 [Epub ahead of print] (full text via Document Delivery)


Flowers, N., Shi, G., Giouzeppos, O., Love, C., Bruno, D. and Pertile, M. [Victorian Clinical Genetics Services, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Noninvasive prenatal testing (NIPT) for screening pregnancies of balanced reciprocal translocation carriers', Twin Research and Human Genetics 2016; vol.19(5), pp.532


Frentz, S.L., Ke, B.X., Fraizer, A. and Thorburn, D. [Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Characterizing biochemical effects of complex I deficiency in human embryonic kidney 293 (hek293t) cells', Twin Research and Human Genetics 2016; vol.19(5), pp.531

Gaffney, L., Greenberg, J., Stark, Z. and Pertile, M. [Victorian Clinical Genetics Services, Parkville, Vic., Australia.], 'An unlikely explanation: two abnormal pregnancies lead to the conclusion that the client is the result of a trisomy rescue', Twin Research and Human Genetics 2016; vol.19(5), pp.578

Galati, J.C. and Seaton, K.A. [Clinical Epidemiology and Biostatistics Unit, Murdoch Childrens Research Institute, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'MCAR is not necessary for the complete prenatal testing (NIPT) for screening pregnancies of balanced reciprocal translocation carriers', Statistical Methods in Medical Research 2016; vol.25(4), pp.1527-34 (full text via Document Delivery)

Gargan, B., Sexton, A., Taylor, J. and Bogwitz, M. [Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Understanding the experiences and needs of people with hereditary haemorrhagic telangiectasia', Twin Research and Human Genetics 2016; vol.19(5), pp.563

Giouzeppos, O., Manser, R., Shi, G., Flowers, N., Bruno, D. and Pertile, M.D. [Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Outcome analysis of 28 NIPT cases with increased risk for trisomy 13', Twin Research and Human Genetics 2016; vol.19(5), pp.563


Gustin, S.E., Stringer, J.M., Hogg, K., Sinclair, A.H. and Western, P.S. [Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'FGF9, activin and TGFbeta promote testicular characteristics in an XX gonad organ culture model', Reproduction 2016; vol.152(5), pp.529-43 (full text via Document Delivery)


Halliday, J., Charles, T., Kennedy, J., Lewis, S., Muller, C., Fawcett, S., Smith, S., Forster, D., Walker, S., Meiser, B., Amor, D., Slater, H. and Norris, F. [Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Victorian Clinical Genetics Services, Flemington Road, Parkville, Vic., Australia.], 'Genomes and pregnancy, the gap study: providing choice of fetal genomic results to women having prenatal diagnosis', Twin Research and Human Genetics 2016; vol.19(5), pp.546

Hanvey, A.N., Clifford, S.A., Mensah, F.K. and Wake, M. [Community Health Services Research, Clinical Epidemiology and Biostatistics, Murdoch Childrens Research Institute, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'MCAR is not necessary for the complete prenatal testing (NIPT) for screening pregnancies of balanced reciprocal translocation carriers', Twin Research and Human Genetics 2016; vol.19(5), pp.532

Giouzeppos, O., Manser, R., Shi, G., Flowers, N., Bruno, D. and Pertile, M.D. [Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Outcome analysis of 28 NIPT cases with increased risk for trisomy 13', Twin Research and Human Genetics 2016; vol.19(5), pp.563


Gustin, S.E., Stringer, J.M., Hogg, K., Sinclair, A.H. and Western, P.S. [Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'FGF9, activin and TGFbeta promote testicular characteristics in an XX gonad organ culture model', Reproduction 2016; vol.152(5), pp.529-43 (full text via Document Delivery)


Halliday, J., Charles, T., Kennedy, J., Lewis, S., Muller, C., Fawcett, S., Smith, S., Forster, D., Walker, S., Meiser, B., Amor, D., Slater, H. and Norris, F. [Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Victorian Clinical Genetics Services, Flemington Road, Parkville, Vic., Australia.], 'Genomes and pregnancy, the gap study: providing choice of fetal genomic results to women having prenatal diagnosis', Twin Research and Human Genetics 2016; vol.19(5), pp.546

Hanvey, A.N., Clifford, S.A., Mensah, F.K. and Wake, M. [Community Health Services Research, Clinical Epidemiology and Biostatistics, Murdoch Childrens Research Institute, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'MCAR is not necessary for the complete prenatal testing (NIPT) for screening pregnancies of balanced reciprocal translocation carriers', Twin Research and Human Genetics 2016; vol.19(5), pp.532
Road, Parkville, Vic., Australia.], ‘Which body composition measures are associated with cardiovascular function and structure in adolescence?’, Obesity Medicine 2016; vol.3, pp.20-27


Howden, S.E., McColl, B., Glauser, A., Vadolas, J., Petrou, S., Little, M.H., Elefanty, A.G. and Stanley, E.G. [Murdoch Childrens Research Institute, Royal Children's Hospital, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], ‘A Cas9 variant for efficient generation of indel-free knockin or gene-corrected human pluripotent stem cells’, Stem Cell Reports 2016; vol.7(3), pp.518-26


Kausman, J.Y., Walker, A.M., Cantwell, L.S., Quinlan, C., Sypek, M.P. and Ierino, F.L. [Department of Nephrology, Royal Children’s Hospital, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], ‘Application of an epitope-based allocation system in pediatric kidney transplantation’, Pediatric Transplantation 2016; Sep 24 [Epub ahead of print]


Lake, N.J., Compton, A.G., Calvo, S.E., Mootha, V.K. and Thorburn, D.R. [Murdoch Childrens Research Institute, Royal Children's Hospital, Department of Paediatrics, University of Melbourne, Victorian Clinical Genetic Services, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Using massively parallel sequencing to
determine the genetic basis of Leigh syndrome, the most common paediatric mitochondrial disorder', *Twin Research and Human Genetics* 2016; vol.19(5), pp.544


Mackay, M.T., Stojanovski, B., Mosley, I., Churilov, L., Donnan, G.A. and Monagle, P. [Department of Neurology, Department of Haematology, Royal Children's Hospital, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Parental care-seeking behavior and prehospital timelines of care in childhood arterial ischemic stroke', *Stroke* 2016; vol.47(10), pp.2638-40

Mackay, M.T., Yock-Corrales, A., Churilov, L., Monagle, P., Donnan, G.A. and Babi, F.E. [Department of Neurology, Emergency Department, Department of Haematology, Royal Children's Hospital, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Differentiating childhood stroke from mimics in the emergency department', *Stroke* 2016; vol.47(10), pp.2476-81

Manguy, A.M., Joubert, L. and Bansemer, L. [Social Work, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Psychosocial service needs of pediatric transport accident survivors: Using clinical data-mining to establish demographic and service usage characteristics', *Social Work in Health Care* 2016; vol.55(8), pp.595-613 (full text via Document Delivery)


Menezes, M. and Christodoulou, J. [Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Arginine as an anti-aggregation agent and a potential therapeutic for treatment phenylketonuria associated with aggregated mutant PAH protein', *Twin Research and Human Genetics* 2016; vol.19(5), pp.530


Moran, F.C., Tannenbaum, E. and Welsh, L. [Physiotherapy Department, Respiratory Medicine Department, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Modified shuttle test-what is normal?', *Pediatric Pulmonology* 2016; vol.51(5-45), pp.369

Moss, R., Hickson, R.I., McVernon, J., McCaw, J.M., Hort, K., Black, J., Madden, J.R., Tran, N.H., McBryde, E.S. and Gaff, C. [Murdoch Childrens Research Institute, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Model-informed risk assessment and decision making for an emerging infectious disease in the Asia-Pacific region', *PLoS Neglected Tropical Diseases* 2016; vol.10(9), e0005018


Pantaleo, S. [VCGS Pathology, Parkville, Vic., Australia.], 'Variant pathogenicity assessment in cardiac genetic testing', *Twin Research and Human Genetics* 2016; vol.19(5), pp.558-559

Patterson, B., Burke, J., Amor, D. and James, P.A. [Victorian Clinical Genetics Services, Parkville, Vic., Australia.], 'Using genealogy in cascade testing-the value in concatenation', *Twin Research and Human Genetics* 2016; vol.19(5), pp.536

Pearce, F.C., McNab, A.A. and Hardy, T.G. [Department of Ophthalmology, Royal Children's Hospital, Department of Paediatrics, University of Melbourne, Flemington Road, Parkville, Vic., Australia.], 'Marcus Gunn Jaw-Winking Syndrome: a comprehensive review and report of four novel cases', *Ophthalmic Plastic and Reconstructive Surgery* 2016; Sep 7 [Epub ahead of print] (full text via Document Delivery)


Pitt, P., McClaren, B.J. and Hodgson, J. [Genetics Education and Health Research, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Embodied experiences of prenatal diagnosis of fetal abnormality and pregnancy termination', *Reproductive Health Matters* 2016; vol.24(47), pp.168-77

Pittman, J.E., Wylie, K., Akers, K., Storch, G., Hatch, J., Quante, J., Frayman, K.B., Clarke, N., Davis, M., Stick, S.M., Hall, G., Montgomery, G., Ranganathan, S., Davis, S.D. and Ferkol, T. [Department of Paediatrics, Melbourne Respiratory Diseases, Royal Children's Hospital, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Association of antibiotics, airway microbiome, and inflammation in infants with cystic fibrosis', *Pediatric Pulmonology* 2016; vol.51(S45), pp.305-306

Rao, S., Yao, Y., Ryan, J., Li, T., Wang, D., Zheng, C., Xu, Y. and Xu, Q. [Disease Epigenetics Group, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Common variants in FKBP5 gene and major depressive disorder (MDD) susceptibility: a comprehensive meta-analysis', *Scientific Reports* 2016; vol.6, article no. 32687


Rogers, C., Hunter, M., Dudding-Byth, T., Heard, R., Hwang, Y., Arpone, M., Aliaga, S., Francis, D. and Godler, D. [Murdoch Childrens Research Institute, Cyto-molecular Diagnostic Research Laboratory, Victorian Clinical Genetic Services, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'FXTAS in individuals with Fragile X full mutation', *Twin Research and Human Genetics* 2016; vol.19(5), pp.559

Rysavy, M.A., Marlow, N., Doyle, L.W., Tyson, J.E., Serenius, F., Iams, J.D., Stoll, B.J., Barrington, K.J. and Bell, E.F. [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Reporting outcomes of extremely preterm births', *Pediatrics* 2016; e20160689

Sahhar, M. [Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Back to the future—a personal reflection of the developing profession of genetic counseling in Australia', *Twin Research and Human Genetics* 2016; vol.19(5), pp.525

Salaria, M., White, J. and Slater, H.R. [Victorian Clinical Genetic Services, Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Deletion at chromosome 10p12.1 containing WAC gene, is it a new deletion syndrome', *Twin Research and Human Genetics* 2016; vol.19(5), pp.568-569
Savarirayan, R. [Victorian Clinical Genetics Services, Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.] 'Medicine in the time of genomics: from diagnosis to treatment', Twin Research and Human Genetics 2016; vol.19(5), pp.523-524

Schofield, D., Alam, K., White, S.M. and Gaff, C. [Murdoch Childrens Research Institute, Royal Children's Hospital, Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.] 'The social and economic impacts of childhood syndromes of suspected genetic origin', Twin Research and Human Genetics 2016; vol.19(5), pp.587

Schofield, D., Dooble, B., Roscioli, T. and Mattick, J.S. [Murdoch Childrens Research Institute, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.] 'Fulfilling the promise of personalized medicine-prioritizing our investment', Twin Research and Human Genetics 2016; vol.19(5), pp.587

Slater, H., Whitlam, J.B., Ling, L., Swain, M., Petrovic, V., Challis, J., Brooks, I., Cronin, S., Harrington, T., Bruno, D. and Conyers, R. [Cyto-Molecular Diagnostic Research Group, Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Children's Cancer Centre, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.] 'A new approach to measuring bone marrow transplant chimerism based on ubiquitous, highly heterozygous copy number variation and digital droplet PCR', Twin Research and Human Genetics 2016; vol.19(5), pp.550

Staffieri, S., Kearns, L., Elder, J., McKenzie, J., Curnow, L., Amor, D., Hewitt, A. and Mackey, D. [Department of Ophthalmology, Royal Children's Hospital, Department of Paediatrics, Royal Children's Hospital, Murdoch Childrens Research Institute, Parkville, Vic., Australia.] 'Familial retinoblastoma and genetic testing: a paradigm shift in clinical care', Twin Research and Human Genetics 2016; vol.19(5), pp.563-564


Tan, N., Tan, T.Y., Savarirayan, R., Amor, D., White, S.M. and Stark, Z. [Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.] 'Early adoption of genetic testing technologies in the NICU-impact on diagnosis', Twin Research and Human Genetics 2016; vol.19(5), pp.568


Tuer, L. [Victorian Clinical Genetics Services, Parkville, Vic., Australia.] 'Annual audit of referrals and clinic activity of the visiting Northern Territory genetics services', Twin Research and Human Genetics 2016; vol.19(5), pp.571


Vadolas, J., Glaser, A. and McColl, B. [Murdoch Childrens Research Institute, Royal Children's Hospital, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Development of novel genetic therapies for haemoglobin disorders', *Twin Research and Human Genetics* 2016; vol.19(5), pp.526


Waubant, E., Ponsonby, A.L., Pugliatti, M., Hanwell, H., Mowry, E.M. and Hintzen, R.Q. [Royal Children's Hospital, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Environmental and genetic factors in pediatric inflammatory demyelinating diseases', *Neurology* 2016; vol.87(9 Suppl 2), Suppl. 1, pp.S20-7

West, K., Metcalfe, S., Menezes, M., Hodgson, J. and McClaren, B. [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Picking up the pieces: an exploration of patients' and practitioners' experiences of detection of a fetal anomaly at ultrasound to inform genetic counselling practice', *Twin Research and Human Genetics* 2016; vol.19(5), pp.564


Woodcock, I.R., Coscini, N., Mandelstam, S., Rodriguez-Casero, V. and Dabscheck, G. [Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Acute spinal cord syndrome secondary to venous congestion', *Neurology* 2016; vol.87(12), pp.1302-3


Yeung, A., Stark, Z., Elder, J. and Ruddle, J. [Victorian Clinical Genetics Services, Murdoch Childrens Research Institute, Department of Ophthalmology, Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'A clinician's approach to diagnostic testing for genetic eye diseases in the genomic era', *Twin Research and Human Genetics* 2016; vol.19(5), pp.572-573

The gold-standard resource for evaluating bone health in children and adolescents, this practical and highly anticipated second edition offers a comprehensive, fully updated resource for addressing bone health in these populations. Reflecting the 2013 International Society for Clinical Densitometry (ISCD) Guidelines for Pediatric DXA assessment, interpretation and reporting, this reference covers all the important changes in the field over the last 9 years. Some highlights of this edition include: an entire chapter on the assessment of infants and toddlers, a chapter devoted to the assessment of children with disabling conditions, an in-depth discussion of vertebral fracture and its etiologies, and a thorough review of the advantages and limitations of densitometry techniques including DXA, pQCT, HRpQCT, and MRI. New fracture prediction software, including Trabecular Bone Score and Finite Element Analysis, is described. In this edition, the limitations of DXA are addressed as are the most recent strategies for handling them including proposed DXA adjustments such as height Z-score.


Written for pediatric dermatologists, fellows, dermatology residents and medical students rotating in pediatric dermatology, this book covers topics ranging from atopic dermatitis, drug eruptions, neonatal inpatient dermatology, abuse, and skin signs of other systemic diseases. Inpatient Pediatric Dermatology is an emerging subspecialty of Pediatric Dermatology, yet little has been written for the practicing physician treating these young patients in the hospital. This book fills that void and uses case-based examples to highlight common and uncommon presentations of dermatologic disease in the hospitalized pediatric patient. Complete with useful color illustrations and photographs, this book is the go-to guide for clinicians treating hospitalized pediatric dermatology patients.


This book will move the field of pediatric cochlear implantation forward by educating clinicians in the field as to current and emerging best practices and inspiring research in new areas of importance, including the relationship between cognitive processing and pediatric cochlear implant outcomes. The book discusses communication practices, including sign language for deaf children with cochlear implants and the role of augmentative/alternative communication for children with multiple disabilities. Focusing exclusively on cochlear implantation as it applies to the pediatric population, this book also discusses music therapy, minimizing the risk of meningitis in pediatric implant recipients, recognizing device malfunction and failure in children, perioperative anesthesia and analgesia considerations in children, and much more. This title is aimed at clinicians, including neurotologists, pediatric otolaryngologists, audiologists and speech-language pathologists, as well as clinical scientists and educators of the deaf.

**Pediatric electrocardiography : an algorithmic approach to interpretation** / edited by Ra-id Abdulla ... [et al]. Springer, 2016.

This book clarifies the process of reading electrocardiograms (ECGs) in children. It provides a structured, step-by-step guide for interpreting ECGs using algorithms, which allow clinicians to decipher the data within these tracings and establish differential diagnoses. The book also presents actual high-definition ECG tracings, which are annotated and highlighted to demonstrate the issues discussed. Topics include cellular electrophysiology changes and electrocardiography and disorders such as axis abnormalities, heart rate and rhythm disturbances, hypertrophy, conduction abnormalities, and fetal arrhythmias. Clinical scenarios with answers provide real-life examples of how pediatric patients present, their ECGs, and treatment methodology. It is a valuable resource for pediatricians, family medicine physicians, cardiologists, and medical students.
Comprehensive and generously illustrated, this text highlights both general principles and specific strategies for managing the spectrum of pediatric lower limb deformities. It is divided thematically into five sections, though any chapter can stand on its own to guide the clinician in specific situations. Part I covers general principles and techniques, including etiology, clinical evaluation, imaging as well as different surgical methods. Part II, covering related concepts and management options, discusses soft tissue contractures, amputations and working in austere and resource-challenged settings. Underlying conditions comprise part III – specific metabolic, neuromuscular and tumor-related conditions, along with arthrogryposis, Osteogenesis Imperfecta and various skeletal dysplasias. Part IV presents congenital and developmental disorders, such as congenital femoral deficiency, hemimelias, tibial pseudoarthrosis and Blount disease, while part V rounds out the book with chapters on sequelae related to different etiologies and their treatment. Covering all aspects of the management of pediatric lower limb deformities and written by renowned experts in the field, this textbook will be an invaluable resource for orthopedic surgeons and trainees worldwide.

This comprehensive volume provides current state of the art of the use of corticosteroids in the pediatric patient. The first chapters cover historical notes, general concepts on treatment with corticosteroids with regard to indications and side effects, and basic pharmacologic properties of these compounds. The rest of the book is devoted to the specific use of steroids in the different pediatric subspecialties. Despite advances with newer effective immunosuppressive and anti-inflammatory drugs, corticosteroids still remain the mainstay of therapy for many disorders. Leading authors in their field have summarized these concepts to provide an authoritative, comprehensive guide to help clinicians safely and effectively use corticosteroids in their pediatric patients.

REPORTS, STATISTICS AND OTHER MEDIA

Royal Children's Hospital, Annual Financial Report 2015-16
Royal Children's Hospital, Delivering Great Care, Quality of Care Report 2015-16
Royal Children's Hospital Auxiliaries, Annual Report 2015-16
Royal Children's Hospital Foundation, The Impact of Giving 2015-16