PLOS Neglected Tropical Diseases: 10th Anniversary Collection

2017 marks the tenth anniversary of the Public Library of Science's (PLOS) Neglected Tropical Diseases, which was "the first open access journal devoted to highlighting research and commentary on the forgotten diseases that affect the world's most neglected people."

In honor of this anniversary, this open-access journal has published this collection of retrospective articles that highlight research about twenty different tropical diseases and how this research has evolved over the past decade.

Readers may want to start by checking out a short history of the journal authored by Peter Hotez and Donald Bundy. From here, readers can find articles about topics including research into parasite genomics, challenges in treating mycetoma, and efforts to eradicate guinea worm. Other articles more broadly address research into tropical diseases, such as Bruce Lee and Sarah Bartsch's "How to determine if a model is right for neglected tropical disease decision making" and Dirk Engels's "Neglected tropical disease: a proxy for economic development and shared prosperity."


Poor nutrition in Aboriginal children starts from first foods

New research suggests fruit and vegetables are luxuries for young Aboriginal children in remote locations, with a third (33%) missing out on these nutritious foods. The new study¹, published in the Dietitians Association of Australia's (DAA) journal Nutrition & Dietetics, also found one in four (25%) had sweet drinks and 20 per cent had processed meats, on the day prior to the survey. Read the full media release (PDF) from the DAA.

Movement guidelines to help keep Aussie kids happy and healthy

New movement guidelines to help parents and carers create healthy daily practices for babies and young children have been released by the Australian Government.

Australia's Physical Activity and Sedentary Behaviour Guidelines have been developed by experts across Australia with input from national and international stakeholders, and in partnership with Canada, which developed the world's first 24-hour movement guidelines.

The Guidelines for children from birth to 5 years outline what a typical day for a baby, toddler or pre-schooler would look like, including advice on screen time, active play, time spent sitting and lying down, and the ideal amount of sleep. Guidelines are also given for children aged 5-12 years, young people aged 13-17, and adults.

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.

- Cystic fibrosis: diagnosis and management – NICE guideline [NG78]
- Developmental follow-up of children and young people born preterm – NICE guideline [NG72]
- Familial hypercholesterolaemia: identification and management – Clinical guideline [CG71]
- Immunosuppressive therapy for kidney transplant in children and young people – Technology appraisal guidance [TA482]

EndNote Tip: Entering references with corporate author

When manually entering a reference containing a corporate author into EndNote, place a comma after the name, for example:

Royal Children's Hospital,

This ensures that the entire name is treated as a first name, so no manipulation of the name will be applied. If your corporate author name includes a comma in the name itself, use two commas in place of the first comma, for example:

University of California,, Berkeley

EndNote treats this as a last name followed by a blank first name, then everything after the (blank) first name is appended, including a second comma in the name. The formatted result is the corporate name with the commas in place.
Library Training: Final session times for December 2017

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 times for 2018 will be on the website soon.

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<th>Session</th>
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<td>EndNote Tutorial 1</td>
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New reports from the Australian Institute of Health and Welfare

**Impact of physical activity as a risk factor for chronic conditions**

This report details the impact of physical inactivity on disease burden in the Australian population. Results from this study suggest that prevention and intervention efforts may best be focused on sustained population-level increases in physical activity, by as little as 15 minutes each day, to avoid associated disease burden. It also highlights that health inequalities exist, with lower socioeconomic groups experiencing larger rates of disease burden due to physical inactivity. Read more ...

**Overweight and obesity in Australia: a birth cohort analysis**

Adults in 2014–15 were significantly more likely to be obese than adults of the same age 20 years earlier at almost any given age. At age 18–21, 15.2% of those born in 1994–1997 were obese, almost double the proportion of those born in 1974–1977 at the same age (8.0%). Children and adolescents in 2014–15 were also significantly more likely to be overweight or obese at ages 10–13 and 14–17 than those of the same age 20 years earlier. Read more ...

**A picture of overweight and obesity in Australia**

This report provides an overview of overweight and obesity in Australia—a major public health issue that has significant health and financial costs. Almost one-quarter of children and two-thirds of adults are overweight or obese, and rates continue to rise, largely due to a rise in obesity, which cost the economy $8.6 billion in 2011–12. Read more ...
iMedical apps reviews

Best New Medical Apps of the Week

“Including Doc4Me, Hematology/Oncology @Point of Care, Neurology @Point of Care, and Radiology Assistant 2.0”. Read more...

Can Virtual Reality Replace Anatomy Lab in Med School?

“Thirty-two medical students will trial the HoloAnatomy mixed-reality lab this fall. Their performance will be compared with medical students in the traditional cadaver lab. HoloAnatomy is a medical-education application developed for the Microsoft HoloLens device, and it was recently demonstrated at the Health 2.0 Conference in California by Microsoft's Chief Medical Officer, Simon Kos, MD. HoloAnatomy allows the user to visualize a human body in 3D using multiple tracking sensors. Various muscle and organ layers can be seen by scanning through the body, without the need to dissect through fat and fascia at length — and without the exposure to formaldehyde typically used to preserve cadavers. Case Western Reserve University has released a demonstration video of a class trying out an early version of HoloAnatomy, viewable here. It’s won several awards, including the 2017 Digital Edge Award and the 2016 Jackson Hole Science Media Award.” Read more...

Review: This Emergency Medicine App is ‘Outstanding’

“The R.E.B.E.L. EM app from AgileMD is an outstanding addition to the app store now as a dedicated app outside of the AgileMD shell. It is free, easy to use and contains high-yield charts on a wide variety of EM topics. It is best used for board review and/or retraining a medical topic while at work. Although not as comprehensive or evidence-based as a dedicated reference such as Dynamed Plus or UpToDate, R.E.B.E.L. EM can be a part of a wider set of resources when combined with their popular blog and podcast.” Read more...

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

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BOOKS


This book tells the intriguing and often colorful stories of the medical words we use. The origins of clinical and scientific terms can be found in Greek and Latin myths, in places such as jungles of Uganda and the islands of the Aegean Sea, in the names of medicine's giants such as Hippocrates and Osler, and in some truly unlikely sources. This book can give you new insights into the terms we use every day in the clinic, hospital, and laboratory. Knowing a word's history assists in understanding not only what it means, but also some of the connotative subtleties of terms used in diagnosis and treatment.

[online] Damage control management in the polytrauma patient / edited by Hans-Christoph Pape ... [et al]. 2nd ed. Springer, 2017. [1st ed also online]

This book is an unparalleled source of cutting-edge information on every aspect of rescue, trauma management, and fracture care in the polytrauma/multiple injured patient. Damage control surgery is approached logically and systematically by dividing treatment into phases. The common goal of treating life-threatening conditions first, then treating major pelvic and extremity fractures, requires cooperation among all major disciplines and subspecialties involved in the care of polytrauma patients, and the book is accordingly multidisciplinary in nature. It is edited by pioneers in the field and the authors are all acclaimed experts. This second edition will be invaluable for all clinicians who must weigh life-saving operations against limb-threatening conditions, including emergency personnel, trauma surgeons, orthopaedic traumatologists, and anesthesiologists.


This is an invaluable tool for the accurate diagnosis of any infectious disease, from the common to the most challenging. The organ-based format makes it an especially useful tool for surgical pathologists' daily diagnostic and management issues. High-quality, full-color illustrations and differential diagnosis tables accompany each lesion, clearly depicting how to recognize the morphology of organisms and the spectrum of histological responses that they may cause.


This text focuses on the applications of genome discovery on the broad spectrum of cardiovascular disorders. Each chapter is organized for the application of genomics and personalized medicine tools and technologies to a) Risk Assessment and Susceptibility, b) Diagnosis and Prognosis, c) Pharmacogenomics and Precision Therapeutics, and d) Emerging and Future Opportunities in the field.

Case-based and heavily illustrated, this book covers virtually every clinical scenario in which you're likely to use TEE. The editors provide practical, how-to guidance on transesophageal echocardiography, including new approaches and state-of-the-art technologies. More than 1,500 images and accompanying videos sharpen your image acquisition and analysis skills and help you master this challenging technique.


The latest edition of this popular book covers the “how-to” of respiratory care of newborns. Chapters from the previous edition have been updated to reflect advances in both equipment and practice, while newer chapters reflect the evolving worldwide approaches to neonatal respiratory failure, such as sustained inflation, optimization of lung volume, and the use of volumetric capnography, aerosol therapy, and management of chylothorax. New additions to the book also include chapters on assessment of large data bases, implementation of quality improvement programs in neonatal respiratory care, chronic ventilation of the baby with non-respiratory failure. The text also features case studies for self-review and is illustrated with high quality radiographic images, figures, tables, and algorithms.

REPORTS, STATISTICS AND OTHER MEDIA

Pediatrics Audio-Digest
v.63 (41), 7th November 2017 [Audio CD]

Update on seizures