The ECRI Guidelines Trust: filling the void left by the defunded National Guideline Clearinghouse

ECRI Guidelines Trust is a publicly available web-based repository of objective, evidence-based clinical practice guideline content.

Its purpose is to provide physicians, nurses, other clinical specialties, and members of the healthcare community with up-to-date, clinical practices to advance safe and effective patient care.

This centralized repository includes evidence-based guidance developed by nationally- and internationally-recognized medical organizations and medical specialty societies.

ECRI Institute’s 20+ years of experience as the sole prime contractor for the National Guideline Clearinghouse (NGC) puts them in a unique position to build upon that legacy by summarizing guidelines and appraising them against the Institute of Medicine (IOM) Standards for Trustworthiness.

The Guidelines Trust provides the following guideline-related content:

- Guideline Briefs: Summarizes content providing the key elements of the clinical practice guideline.
- TRUST (Transparency and Rigor Using Standards of Trustworthiness) Scorecards: Ratings of how well guidelines fulfill the IOM Standards for Trustworthiness.

ECRI Guidelines Trust will continually update and expand the content and features included in the repository to keep pace with the evolving field of guidelines.

All clinical practice guidelines represented on the site are reviewed against ECRI’s Inclusion Criteria. The institute operates under strict conflict-of-interest rules, which ensures objectivity.

Register for free access to the ECRI Guidelines Trust.

Library Training: final session times for 2018

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.

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Nikon's Small World Photomicrography: celebrating 44 years of images captured by the light microscope

Nikon's Small World is regarded as the leading forum for showcasing the beauty and complexity of life as seen through the light microscope.

The competition first began in 1975 as a means to recognize and applaud the efforts of those involved with photography through the light microscope.

Since then, Small World has become a leading showcase for photomicrographers from the widest array of scientific disciplines.

The Photomicrography Competition is open to anyone with an interest in microscopy and photography. The video competition, entitled Small World In Motion encompasses any movie or digital time-lapse photography taken through the microscope. See this year's winners.

Training and literature searches increase for 2018

We have reached 2,075 people so far this year through training, orientation, literature search assistance, and answering queries.

While the number of shorter queries has decreased slightly, from 1,369 in Jan-Oct 2017 to 1,358 year to date in 2018, other areas have increased.

Nearly 400 people have attended training and orientation sessions so far this year, a 9.6% increase over 2017 so far.

We have assisted 330 people with literature searches, an 18% increase year-to-date over 2017. This reflects the increased focus on systematic reviews across the campus.

The average systematic review search takes around five hours, so the increase in searches causes flow-on effects for other services, such as a slow-down in cataloguing and updating database holdings.
Download a free calendar from the Library website
The Library's popular calendars are available for 2019 and 2020
Each 1-page, colour-themed calendar includes public holidays, school holidays, and numbered weeks.
Download them from the Library website.

Latest reports from AIHW

**Nutrition across the life stages**
The purpose of this report is to investigate the adequacy of the Australian diet across various life stages to help inform the evidence-base in relation to nutrition-related health determinants for chronic conditions. It brings together the latest available data from a variety of sources, including some previously published results, and also includes new analysis, such as reporting by socioeconomic status and remoteness. Read it now.

**Aboriginal and Torres Strait Islander adolescent and youth health and wellbeing 2018—in brief**
This in-brief report presents key findings from the Australian Institute of Health and Welfare's report: Aboriginal and Torres Strait Islander adolescent and youth health and wellbeing 2018. It brings together data for Indigenous people aged 10–24 on health and wellbeing outcomes, social and economic determinants of health, health risk factors, and health service use. Read it now.

**Potentially preventable hospitalisations in Australia by small geographic areas**
This report provides information on 22 conditions for which hospitalisation may have been prevented by timely and appropriate provision of primary or community-based health care by Primary Health Network (PHN) and Statistical Area Level 3 (SA3). These include chronic, acute and vaccine-preventable conditions. Read it now.

**MyHospitals: Costs of acute admitted patients in public hospitals from 2012–13 to 2014–15**
This MyHospitals report shows variation in the average cost of delivering similar services to similar patients across public hospitals in 2014–15. The average cost of care (per National Weighted Activity Unit) ranged from $3,300 to $6,400. The report also reveals how these costs have changed at each hospital over three financial years. Read it now.

Dance Your Ph.D. Contest 2018: submissions accepted until 14 January 2019
This is the 11th year of the Dance Your Ph.D. contest sponsored by AAAS and Science, challenging scientists to explain their research without PowerPoint slides or jargon—in fact with no talking at all.

It doesn't matter if you're just starting your Ph.D. or you completed it decades ago. All science should be explained with dance.

Get started by reading the FAQ, or see Tips & Tricks for hints on how to make a good Ph.D. dance, how to make a good video, along with a few critiqued examples. Enter here. See past winners from 2017, 2016, and 2015. [source: sciencemag.org]
Health and Science News

Why doctors hate their computers: "As my Epic training began, I expected my patience to be rewarded in the same way. But three years later I've come to feel that a system that promised to increase my mastery over my work has, instead, increased my work's mastery over me." Read more ... [source: newyorker.com]

What if the placebo effect isn't a trick?: New research is zeroing in on a biochemical basis for the placebo effect — possibly opening a Pandora's box for Western medicine. Read more ... [source: nytimes.com]

Hospital violence: we can reduce it: "Hospitals need to reduce publicly accessible areas and beef up security." Read more ... [source: hospitalhealth.com.au]

In win for open access, two major funders won't cover publishing in hybrid journals: The Wellcome Trust and the Bill & Melinda Gates Foundation—two of the world's largest private foundations that support research—announced today they are joining a consortium of 11 European funding agencies in requiring their funded research to be immediately free for all to read on publication. Read more ... [source: sciencemag.org]

Children's screen time has little effect on sleep, says study: The amount of time children spend on devices has little effect on how long they sleep, a study from Oxford University suggests. But one UK GP said the findings did not tally with his clinical experience. Read more ... [source: bbc.com]

'Too many children' have tonsils removed unnecessarily: Thousands of children are having their tonsils removed unnecessarily, costing the NHS millions of pounds each year, according to experts. Read more ... [source: bbc.com]

Bullying doctors a threat to patient safety: Low level unprofessionalism by medical practitioners is a risk to patient safety, according to the authors of a Perspective published by the Medical Journal of Australia. Read more ... [source: hospitalhealth.com.au]

Tiny new pacemaker small enough for infants: Researchers and engineers have created a pacemaker appropriately tiny enough to implant into infants. Measuring only one cubic centimeter, about the size of a large pill, it allows the device to be implanted inside the child in a minimally invasive fashion. Read more ... [source: medgadet.com]

Llama blood clue to beating all flu: Llamas have been used to produce a new antibody therapy that has the potential to work against all types of flu, including new pandemics. Read more ... [source: bbc.com]

Surgery students 'losing dexterity to stitch patients': A (UK) professor of surgery says students have spent so much time in front of screens and so little time using their hands that they have lost the dexterity for stitching or sewing up patients. But, at least one surgeon disagrees. Read more ... [source: bbc.com]

Falls from soft furniture are leading cause of toddler injuries: Accidents on sofas and beds are now the leading cause of injury for children aged 4 years and younger in the U.S. and a leading cause of trauma for infants, new research suggests. Read more ... [source: reuters.com]

A bold new strategy for stopping the rise of superbugs: Scientists have pinpointed a molecule that accelerates the evolution of drug-resistant microbes. Now they're trying to find a way to block it. Read more ... [source: theatlantic.com]

Childhood obesity linked to antibiotics, antacids: A new study has found that children who are given antibiotics or antacids in their first two years of life are more likely to become obese during their childhood. Read more ... [source: hospitalhealth.com.au]

Wishes help keep pediatric patients out of the hospital: In the retrospective study published online by Pediatric Research, patients granted a wish were 2.5 times more likely to have fewer unplanned hospital admissions and 1.9 times more likely not to have to use the emergency department. Read more ... [source: eurekalert.org]

Kawasaki disease: One disease, multiple triggers: The research team determined that this inflammatory disease likely has multiple environmental triggers influenced by a combination of temperature, precipitation and wind patterns. Read more ... [source: eurekalert.org]

Children with autism thrive in mainstream pre-schools: In a world first, breakthrough research from La Trobe University has shown that toddlers with autism are just as capable of learning important life skills through early-intervention delivered in mainstream pre-schools as in specialised settings. Read more ... [source: eurekalert.org]
Search Tip: use Contexts in Ovid Medline to check for narrower terms

When a MeSH term appears to have no narrower term(s), use Contexts to see if there are narrower terms under a different branch.

For example, the MeSH tree for Ambulances falls under the Motor Vehicles branch and has no visible narrower term(s).

Select Contexts from the top of the tree to view other branch(es) for Ambulances.

This shows that Ambulances also falls under the branch Transportation of Patients and has a narrower term Air Ambulances.

Select Ambulances and Explode to include Air Ambulances in your search.

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.


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**BOOKS**

[online]  
Gain a foundational understanding of cardiovascular physiology and how the cardiovascular system functions in health and disease. This new edition explains the fundamentals of this complex subject in a clear and concise manner, while helping you bridge the gap between normal function and disease with pathophysiology content throughout the book. Helps you easily master the material in a systems-based curriculum with learning objectives, clinical concept boxes, highlighted key words and concepts, chapter summaries, self-study questions, and a comprehensive exam to help prepare for USMLEs. Keeps you current with the latest concepts in vascular, molecular, and cellular biology as they apply to cardiovascular function, thanks to molecular commentaries in each chapter.

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This classic textbook aims to assist clinicians develop the consultation skills required to elicit a clear history, and the practical skills needed to detect clinical signs of disease. Where possible, the physical basis of clinical signs is explained to aid understanding. Formulation of a differential diagnosis from the information gained is introduced, and the logical initial investigations are included for each system. The first part of the book addresses the general principles of good interaction with patients, from the basics of taking a history and examining, to the use of pattern recognition to identify spot diagnoses. The second part documents the relevant history, examination and investigations for all the major body systems. The third part illustrates the application of these skills to specific clinical situations. The final part covers preparation for assessments of clinical skills and the use of these skills in everyday practice.


The fourth edition of this book is the most comprehensive major reference work on hypertension in children and adolescents. Since the publication of the previous edition, there have been notable changes in the field, with the arrival of new evidence of the long-term sequelae of hypertension in youth, an evidence-based review of the value of routine BP screening in children and adolescents, and further evidence of the cardiovascular consequences of the childhood obesity epidemic. This expanded edition covers these new findings, while featuring new chapters on such timely topics as routine blood pressure screening, hypertension in late adolescents/young adults, and current pediatric hypertension research. The reference work also includes thorough updates on chapters from the previous edition, as well as new clinical practice guidelines for childhood hypertension, which have not been revised since 2004.


This book provides a comprehensive, state-of-the art review of pediatric oncology. The text covers relevant concepts in molecular biology and addresses technical principles, applications, challenges, and integration of current and emerging genomic and molecular methods in the diagnosis and personalized management of childhood cancers. The text also discusses a wide array of pediatric neoplasms in the context of molecular pathology in a concise and understandable manner, with focus on their molecular pathogenesis, clinicopathological features, classification, molecular diagnosis, and approaches to personalized care.

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Pediatrics Audio-Digest
v.64 (41), 7th November 2018 [Audio CD]
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