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New factsheets from the Australian Institute of Health and Welfare

Hospitalised assault injuries among women and girls

This factsheet examines cases of hospitalised assault against women in 2013–14. Rates of assault among women were highest for those aged between 15–19 and 50–54. Over half (59%) of all these women were assaulted by bodily force, and for assaults by bodily force and involving sharp and blunt objects, the majority of injuries were to the head and neck (63%). Where information about the perpetrator was available, a spouse or domestic partner was the most commonly reported perpetrator (in 59% of cases).

Read more ...

Dog-related injuries

This factsheet reports on hospitalisations that occurred as a result of being bitten or struck by a dog in 2013–14. In 2013–14, 3,644 hospitalised injury cases were due to being bitten by a dog, and 328 cases due to being struck by a dog. Overall, hospitalisations for dog-related injuries were more common in young children aged 0–9 (689 cases, 17%). Read more ...
Infant development and wellbeing report, from NHMRC

The NHMRC Report on the Evidence: promoting social and emotional development and wellbeing of infants in pregnancy and the first year of life summarises the findings of a comprehensive evaluation of 51 systematic reviews commissioned by the NHMRC.

The report contains rigorous analysis of the scientific evidence on programs and services for parents of young babies, provided in pregnancy or the first year of life, that may influence social and emotional development and wellbeing. The report is for Australian organisations and services to use when developing policies, or designing and planning programs for parents or caregivers.

Children who develop in a healthy way have a better chance of understanding and regulating their emotions, expressing these in their everyday activities and behaviours, and relating well to other people. Experiences during very early childhood, especially of parental care, help shape a child's way of thinking, feeling and behaving, their abilities to understand and regulate their emotions, and the ways they relate to other people. The way that babies are cared for while their brains are growing rapidly will affect social and emotional development – not just during infancy, but also later in life.

For some programs, there were encouraging results suggesting that they might help improve babies' capacity for healthy emotional lives and relationships, although the researchers did not find proof of this in babies less than one year old. This is not surprising, because researchers are only just beginning to study these aspects of babies' lives.

Several of the programs had other benefits for babies, or later as children or adolescents. Other programs didn't have enough evidence to show whether or not they were effective. They may be good for babies, but we don't have the proof yet.

Cochrane Library: new items

Access

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.

Recently added items

Editorials
- Corticosteroids for preterm deliveries: missing evidence. Read more ...
- Evidence-based interventions for global mental health: role and mission of a new Cochrane initiative. Read more ...

New Cochrane Database of Systematic Reviews: Complete Reviews
- Arginine supplementation for prevention of necrotising enterocolitis in preterm infants. Read more ...
- Asthma education for school staff. Read more ...
- Dietary interventions for recurrent abdominal pain in childhood. Read more ...
- Effects of targeting lower versus higher arterial oxygen saturations on death or disability in preterm infants. Read more ...
- Infant pacifiers for reduction in risk of sudden infant death syndrome. Read more ...
- Lay-led and peer support interventions for adolescents with asthma. Read more ...
- Repeated lumbar or ventricular punctures in newborns with intraventricular haemorrhage. Read more ...
- Routine oro/nasopharyngeal suction versus no suction at birth. Read more ...
- Topiramate monotherapy for juvenile myoclonic epilepsy. Read more ...

New Cochrane Database of Systematic Reviews: Protocols
- Higher versus lower sodium intake for preterm infants. Read more ...
- Prophylactic paracetamol for the prevention of fever in children receiving vaccination as part of a standard childhood immunization schedule. Read more ...
- Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults. Read more ...
Communicating with telemedicine provides high satisfaction and reassurance for parents during pediatric intensive care unit rounds

“For children, having parents engaged in care is critical. But that can be tough sometimes, particularly for kids hospitalized for prolonged periods. Yager et al conducted a proof-of-concept study using telemedicine to communicate with family members and caregivers of patients in PICU of Massachusetts General Hospital in Boston. Parents who could not be with their child during hospital rounds were provided with an iPad with an app that could connect them with the hospital staff in real-time during rounds. Immediately following each session, the parents, physicians, and nurses involved in the virtual meeting were asked to complete a survey on the level of satisfaction and disruption.” Read more ...

3-D printing is changing the medical field of Nepal

“It’s been two years since Nepal’s devastating earthquake, and its effects are still felt today. As communities try to rebuild and people cope with loss, Field Ready, a U.S. non-profit organization, hopes to help Nepalese doctors and patients using 3-D mobile printing technology in underserved clinics. Mobile health tech solutions are well suited for humanitarian efforts because they can be taken anywhere from war zones to developing nations, and even to the remote mountainous regions of Nepal, where Field Ready's printer creates tools quickly. In addition to tweezers, they've printed and are testing fetoscopes, wrist braces and umbilical clamps using the 3-D printer and plastic-mold injection.” Read more ...

Apple Watch engineers working on way to read glucose levels, but let’s be realistic

“The Apple Watch could soon be used as a tool for glucose monitoring that could change the lives of millions who are managing diabetes, according to CNBC. The news organization reported that Apple engineers have been developing a way to read glucose levels continuously without puncturing the skin by using lights and sensors on the Apple Watch. While having the Apple Watch monitor glucose levels would be fascinating, we need to be realistic as well. There are massive regulatory and also clinical situations that would need to be taken into consideration before the Apple Watch could try to read glucose levels in a non-invasive manner.” Read more ...

Review of Johns Hopkins Muscle Anatomy 3D App

“A good anatomy atlas for the price. There are better apps for this purpose available that have been reviewed by iMedicalApps, but none at this price. Certainly, gets the job done, and much better than the static anatomy texts I used back in medical school.” Read more ...

Remote follow up using health app effective for surgical patients

“Patients undergoing ambulatory surgical procedures are routinely sent home the same day of their surgery. Effective systems for follow up to monitor for things like wound healing and pain management is therefore critical. Forcing patients to make the trek back to the clinic, especially when many went back to work in a day or two, can be tedious, especially if those visits rarely lead to management changes. In a recently published study in JAMA Surgery, Armstrong et al conducted a randomized controlled trial (RCT) to compare outcomes between remote follow-up using the QoC Health Inc health app and conventional in-person visits during the first 30 days after elective ambulatory breast reconstruction.” Read more ...

“Snake Oil” medical apps continue to be a problem

“The BBC recently highlighted the story of a woman in Kenya who had HIV misdiagnosed on a “prank” smartphone app. The report not only brought to light the danger of using unregulated health apps but gave insight into mobile tech usage in poorer parts of the world.” Read more ...
Library Training: Session times for June/July 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.

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<td>Cochrane Library</td>
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<td>EndNote Tutorial 1</td>
<td>Monday 19 June, 11:00 am</td>
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<td>EndNote Tutorial 2</td>
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<td>Finding the Evidence</td>
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<td>Introduction to the Library</td>
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<td>PubMed</td>
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EndNote Tip: Exporting from databases

Where available, select options to export all fields, “Complete Reference”, from your search result records into EndNote to gather all available information.

Our Fact Sheet no.12 – Importing into EndNote provides step by step instructions for exports from commonly used databases such as Ovid Medline, EBSCOhost, PubMed, and Cochrane Library.

STAFF 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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This new title focuses on critical issues in therapeutic drug monitoring including special requirements of therapeutic drug monitoring important to special populations (infants and children, pregnant women, elderly patients, and obese patients). The book also covers issues of free drug monitoring and common interferences in using immunoassays for therapeutic drug monitoring. This book is essential reading for any clinician, fellow, or trainee who wants to gain greater insight into the process of therapeutic drug monitoring for individual dosage adjustment and avoiding drug toxicity for certain drugs within a narrow therapeutic window. The book is written specifically for busy clinicians, fellows, and trainees who order therapeutic drug monitoring and need to get more familiar with testing methodologies, issues of interferences, and interpretation of results in certain patient populations.

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Providing users with a comprehensive reference that is organized by endocrine grouping (i.e., thyroid, pancreas, parathyroid, pituitary, adrenal, and reproductive and bone), this book discusses the genetic and molecular basis for the diagnosis of various disorders. It emphasizes the practical nature of diagnosing a disease, including which tests should be done for the diagnosis of diabetes mellitus in adults and children, which genes should be evaluated for subjects with congenital hypothyroidism, which genetic tests should be ordered in obese patients or for those with parathyroid carcinoma, and the rationale behind testing for multiple endocrine neoplasias.

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Written by residents, for residents and reviewed by expert faculty at The Johns Hopkins Hospital, this book is a great source of pediatric point-of-care clinical information. Updated and expanded content keeps you fully current with new guidelines, practice parameters, and more. Easy to use, concise, and complete, this is an essential manual for all health care professionals who treat children.

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Thoroughly revised and updated, the fifth edition retains the high level of illustration and accessibility that has made it so popular worldwide with medical students and trainees approaching clinical specialty exams.

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