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Helping you make better treatment decisions for your patients

Clinical Evidence is the international source of the best available evidence for effective healthcare. We support the clinical decision making of hundreds of thousands of clinicians around the world by providing access to the latest medical evidence, continually updated, to help make treatment decisions.

Our panel of experts and specialist writers rigorously check and then summarise the most relevant evidence in a quick and easy to find format. Our reviews concentrate on summarising the evidence in relation to common clinical problems, to ensure that we provide solutions that are relevant to your patients.

The development and improvement of *Clinical Evidence* is a constant process. Based on extensive customer feedback we have continued to develop *Clinical Evidence* so that it remains at the forefront of evidence based resources for clinical decisions.

Below are just some of the key features that you will discover:

- Systematic reviews of over 3300 interventions in the context of over 670 clinical situations
- Timely access to all the latest and most relevant research findings
- Simple user interface to minimise the number of clicks required to reach information
- GRADE scores ranking the quality of the evidence presented
- Monthly updates and new topics
- PDA edition to provide answers on the move
- Patient information leaflets so you can provide your patients with plain-English information on their condition
- All of this is within a single, evidence based resource

This user guide introduces you to the essential features of *Clinical Evidence*, and will help you get the most out of them.

ClinicalEvidence

Finding evidence

There are three ways to find the evidence you need:

- Browse by section
- Browse the full review list
- Or use the search tool

FINDING BY SECTION

Click on the 'Sections' heading and an alphabetical pop-up list of sections will appear. When you choose a section a new window appears showing the systematic reviews available.



Finding evidence

FINDING BY LISTING

Click on the 'Full review list' heading and an alphabetical pop-up list of reviews will appear. By clicking on the alphabet bar at the top of this window you can easily access the available evidence.

The screenshot shows the ClinicalEvidence website. At the top, there is a navigation bar with links: Home, Log out, Help, Contact us. Below this is a large header with the 'ClinicalEvidence' logo. Under the logo is a secondary navigation bar with buttons: 'See more', 'Full review list' (circled in blue), 'Access this site', 'Conditions', 'Subscribe', 'Resources', 'About us', 'Contact us', and 'Contribute'. Below the navigation bar is a main content area with the text: 'Clinical Evidence is one of the world's most authoritative medical resources for informing treatment decisions and improving patient care.' To the right of this text is a sidebar with 'New books, 2008' and 'Log out'. Below the main text is a section titled 'Latest updated reviews' with a list of medical conditions and their update status, such as 'Polycystic ovary syndrome (updated)', 'Migraine in children (updated)', 'Diabetic nephropathy (updated)', 'Dementia: foot ulcers (updated)', 'Head lice (updated)', 'Dengue haemorrhagic fever or dengue shock syndrome in children (updated)', 'Acute coronary syndrome (updated)', 'Posttuss (tuberculosis) (updated)', 'Nausea and vomiting (updated)', and a 'Summary of all updates' link. To the right of this list is another sidebar titled 'New Alerts & Email Alerts' with links to 'Get your updates via RSS' and 'Sign up for email alerts'. Below this is a section titled 'Clinical Evidence Userguide' with an image of a book and text describing the resource. At the bottom left is a section titled 'Guest editorial' with text about the uniform implementation of clinical recommendations. At the bottom right is a section titled 'Articles and Research section' with text about the latest independent research.

ClinicalEvidence

Sections ▾ Full review list ▾ Search this site

A B C D E F G H I J K L N N O P Q R S T U V W X Y Z

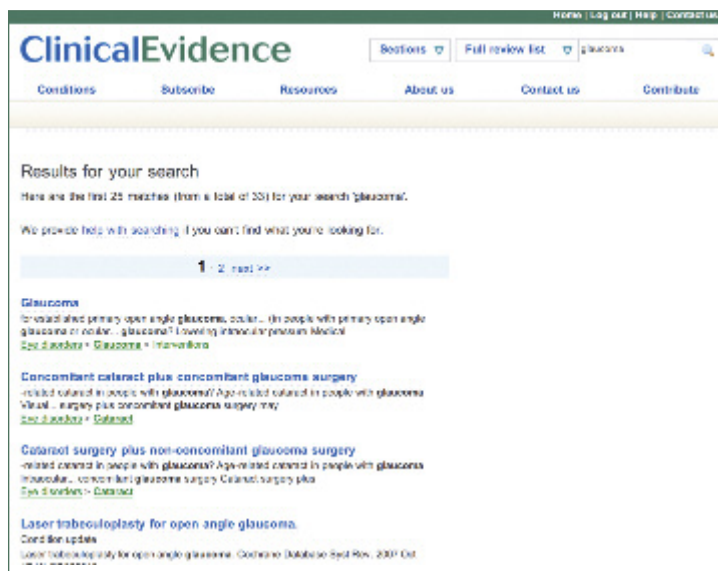
Kidney Syn- A C D N	Absence seizures in children Acne vulgaris Acute cholelithiasis (cholesterol) Acute coronary syndrome (cardiac angina and non-ST elevation MI) (updated) Acute otitis media in children Acute renal failure Acute respiratory distress syndrome ADHD in children and adolescents Age related macular degeneration AIDS (acquired immune deficiency syndrome) AIDS: mother-to-child transmission AIDS: prevention of opportunistic infections AIDS: tuberculosis in people with HIV Air travel, middle-ear pain and trauma Alcohol misuse ALU	Allergic rhinitis, seasonal Alkaloide alkalosis Alzheimer's disease Amyotrophy AUD AWS (updated) Anorectic dysphagia Apoptosis and lost ulcers in diabetes (updated) Arse flosum (chronic) Arginine (chronic stable) Arthritis spinus Arteriosclerosis Arteriole occlusis, acute Artery disease: generalized ASMA in children Asthenous ulcers (recurrent)	Appendicitis ARDS ARF Arrhythmic acute atrial fibrillation Arrhythmia chronic atrial fibrillation Arrhythmia: ventricular tachyarrhythmias Arterial disease, peripheral Asphyxia, perinatal Asthma and other wheezing disorders in children Asthma in adults Asthmatic foot Astal fertilization (acute onset) Astal fertilization (chronic) Atropine overdose (and delirious self-harm) (updated) Autism
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Finding evidence

FINDING BY SEARCHING

This facility is particularly valuable when searching for a treatment or condition that may appear in several different reviews e.g. Corticosteroids.

Results are returned in listings that show a snippet of text with your search term highlighted so you can gauge the context. Results are ranked by relevance with a clear pathway that identifies where the results are located.



Navigating around a review

Once you have located the review that interests you, *Clinical Evidence* presents the information with a tabbed sub-menu. This evidence has been selected by systematic and rigorous searching to answer clinical questions while focusing on outcomes that matter most to patients and clinicians. Each treatment or intervention is then categorised according to its benefits and harms.

The core evidence is supplemented by links, references, and additional information.

INTERVENTIONS

A summary of interventions ranked by their effectiveness

KEY POINTS

A one page summary of the review

ABOUT THIS CONDITION

Background information about the condition

UPDATES

Material published since the review search date

GUIDELINES

Links to major guidelines relevant to the review

PRINT OPTIONS

Print the page or download a multi-page review in PDF format



The tabbed sub-menu

Reading the full text

Interventions for each condition are summarised in a table. They are categorised by effectiveness, with icons for easy reference (see below).

ICONS

Characterise the benefits/harms associated with an intervention

DETAIL

Click the description to access a summary of the intervention, the benefits and harms, and a commentary

KEY TO ICONS



Beneficial



Likely to be beneficial



Trade-off between benefits and harms



Unknown effectiveness



Unlikely to be beneficial



Likely to be ineffective or harmful

ClinicalEvidence

Sections | Full review list | Search this site

Conditions | Subscribe | Resources | About us | Contact us | Contribute

Kidney stones

Rozie Wilson, David Tolley, James Legeman

Interventions | Key points | About this condition | Updates (3) | Guidelines (9) | References | Your responses

You may prefer to read the key points of this review.

Here is a list of clinical questions we have addressed in this review.

- What are the effects of interventions for stone removal in people with asymptomatic kidney stones?
- What are the effects of interventions for the removal of symptomatic renal stones?
- What are the effects of interventions to remove symptomatic ureteric stones?
- What are the effects of interventions for the management of acute renal colic?

What are the effects of interventions for stone removal in people with asymptomatic kidney stones?

Unknown effectiveness	??	<ul style="list-style-type: none">Extracorporeal shockwave lithotripsy (ESWL) in people with asymptomatic renal or ureteric stonesPercutaneous nephrolithotomy (PCNL) in people with asymptomatic renal or ureteric stonesUreteroscopy in people with asymptomatic renal or ureteric stones
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What are the effects of interventions for the removal of symptomatic renal stones?

Likely to be beneficial	😊	<ul style="list-style-type: none">Extracorporeal shockwave lithotripsy (ESWL) in people with renal stones less than 20 mmPercutaneous nephrolithotomy (PCNL) in people with renal stones
Unknown effectiveness	??	<ul style="list-style-type: none">Open nephrectomy in people with renal

Related BMJ Journal articles

- Student BMJ: xBNL: Flank pain radiating to the suprapubic region
- BMJ: Management of kidney stones
- Student BMJ: xBNL: Abdominal mass
- Student BMJ: xBNL
- Postgraduate Medical Journal: Guidelines on the long-term group of stones

What are the effects of interventions for stone removal in people with asymptomatic kidney stones?

Unknown effectiveness	??	<ul style="list-style-type: none">Extracorporeal shockwave lithotripsy (ESWL) in people with asymptomatic renal or ureteric stonesPercutaneous nephrolithotomy (PCNL) in people with asymptomatic renal or ureteric stonesUreteroscopy in people with asymptomatic renal or ureteric stones
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Additional resources

Clinical Evidence offers a variety of other resources to help keep you up-to-date and to help you practise evidence based medicine (EBM).

EBM TOOLS

These tools explain some of the statistical and clinical terms used in *Clinical Evidence* and introduces the concept of assessing and measuring risk when making clinical decisions

EBM LINKS

Carefully selected links to other evidence based materials, publications and organisations

DRUG INFORMATION

Links to international sources of high-quality drug information

EBM TRAINING

Free training modules on statistics and diagnostic tests

ARTICLES AND RESEARCH

Reports highlighting *Clinical Evidence* and how it has affected and supported clinical practices

The screenshot shows the Clinical Evidence website. At the top, there's a navigation bar with links: Home, Log out, Help, and Contact us. Below this is a search bar with a dropdown menu for 'Sections' and a 'Full review list' button. The main header features the 'ClinicalEvidence' logo and a navigation menu with links: Conditions, Subscribe, Resources, About us, Contact us, and Contribute. A sub-header reads 'Helping you to practise evidence-based medicine'. Below this is a secondary navigation bar with links: Commissioned papers, EBM Tools, EBM links, Drug information, EBM training, and Articles and Research. The main content area is divided into two columns. The left column has two sections: 'Palliative care' and 'Smoking cessation'. The 'Palliative care' section includes a summary of an evidence summary and practical guide, a link to download the review, and a PDF icon for 'Putting evidence into practice: Palliative care (2,740 KB)'. The 'Smoking cessation' section includes a summary of findings from a systematic review. The right column has a sidebar with links: Editorial, Editorial Archive, Evidence in Practice newsletter archive, EBM Tools, Common abbreviations, A glossary, Methods for estimating CVD risk, Methods for calculating risk, Methods of adjusting for baseline risk, EBM Links, Drug information, EBM Training, EBM Articles & Research, and EBM Video. At the bottom, there's a navigation bar with links: EBM Tools, EBM links, Drug information, EBM training, and Articles and Research.

News and alerts

Clinical Evidence helps you monitor what is happening in the sphere of evidence based medicine, and beyond, with a variety of tools that alert you to new content, findings and news.

RSS UPDATES

Subscribe to our RSS feeds and be notified of feeds as they occur

EMAIL ALERTS

Receive notification when new reviews or updates are added to *Clinical Evidence*

DRUG SAFETY ALERTS

The latest findings on drug safety feature prominently on the home page

NEWS

The latest EBM related news

The screenshot shows the Clinical Evidence website interface. At the top, there's a navigation bar with links: Conditions, Subscribe, Resources, About us, Contact us, and Contribute. Below this is a header section with the site's name and a search bar. The main content area is divided into several sections:

- Latest updated reviews:** A list of recent updates, including Polypharmacy syndrome, Migraine in children, Diabetes: foot disease, Heart flow, Dengue fever (DENV), Nausea and vomiting, and a summary of all updates.
- Guest editorial:** A featured article titled "The uniform implementation of clinical recommendations is not always supported on a nationwide level..." with a globe icon.
- Our methods:** A section explaining the systematic review process.
- Consultancy reviews:** A section for palliative care, smoking cessation, and managing HIV infection.
- Drug safety alerts:** A section highlighting recent drug safety alerts, such as FDA's alert on the risk of suicidal thoughts and behavior associated with antipsychotics (16 December 2009) and MHRA's alert on the risk of progressive multifocal leukoencephalopathy (PML) associated with ritonavir (7 November 2009).
- News Feeds & Email Alerts:** A sidebar section with links to RSS feeds and email alerts.
- Clinical Evidence Userguide:** A sidebar section with a user guide icon.
- Articles and Research section:** A sidebar section with links to articles and research.
- NEW VIDEO now online:** A sidebar section with a video icon.
- Clinical Evidence Research Report:** A sidebar section with a report icon.
- Evidence in Practice Newsletter:** A sidebar section with a newsletter icon.
- The latest news from bmj.com:** A sidebar section with a news icon.

Annotations with arrows point from the text on the left to specific features on the website:

- An arrow points from "RSS UPDATES" to the "RSS Feeds & Email Alerts" sidebar.
- An arrow points from "EMAIL ALERTS" to the "RSS Feeds & Email Alerts" sidebar.
- An arrow points from "DRUG SAFETY ALERTS" to the "Drug safety alerts" section.
- An arrow points from "NEWS" to the "Guest editorial" section.

Clinical Evidence: on the move

Health professionals need to find quick answers to clinical questions wherever they are. It's not always possible to check the evidence on a computer, so *Clinical Evidence* is also available in two portable, complementary formats.

Clinical Evidence Handbook

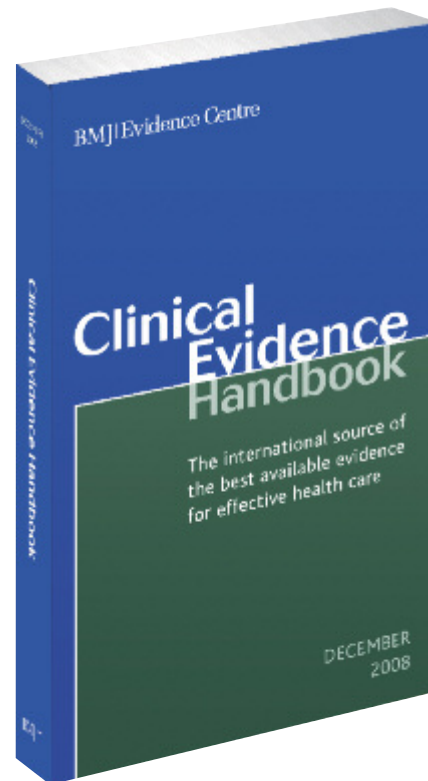
Published in June and December

Containing summary and background information for each topic and recently enhanced to be more efficient at the point of care, this handbook is an essential reference tool for healthcare professionals when they are away from their computer.

The *Clinical Evidence* Handbook is also available for purchase in other languages including: German, Italian, Russian, Portuguese and Spanish.

Clinical Evidence on PDAs

The key information from *Clinical Evidence* online can now also be delivered to handhelds (Personal Digital Assistants). Access to the latest evidence – wherever it's needed – enables healthcare professionals to quickly make informed and effective treatment decisions for their patients.





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