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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.



The screenshot shows the ClinicalEvidence homepage. At the top, there are navigation links: Home, Log out, Help, and Contact us. Below this is a main navigation bar with 'Sections', 'Full review list', and 'Search this site'. The 'Sections' dropdown menu is highlighted with a blue circle. Below the navigation bar, there is a section for 'Latest updated reviews' with a grid of links to various medical conditions. To the right, there is a 'New! News & Email Alerts' section and a 'Clinical Evidence Userguide' section.



The screenshot shows the 'Sections' dropdown menu. The menu is titled 'A full list of Clinical Evidence conditions.' and lists various medical conditions in three columns. The 'Infectious diseases' option is highlighted with a blue circle. Other conditions listed include Blood and lymph disorders, Cardiovascular disorders, Care of the elderly, Child health, Diabetes, Digestive system disorders, Ear, nose, & throat disorders, Endocrine and metabolic disorders, Eye disorders, HIV and AIDS, Heart and circulation, Infectious diseases, Kidney disorders, Lifestyle, Men's health, Mental health, Musculoskeletal disorders, Neurological disorders, Oncology, Oral health, Palliative care, Poisoning, Pregnancy and childbirth, Respiratory disorders (acute), Respiratory disorders (chronic), Sexual health, Skin disorders, Sleep disorders, Social and community health, Supportive and palliative care, Travel health, Women's health, and Wounds.



The screenshot shows the 'Kidney disorders' page. The page is titled 'Kidney disorders' and has a navigation bar with 'Conditions', 'Subscribe', 'Resources', 'About us', 'Contact us', and 'Contribute'. Below the navigation bar, there is a section for 'Systematic reviews' with a list of links: Acute renal failure, Chronic renal failure, End-stage renal disease, and Kidney stones. To the right, there is a section for 'Covered elsewhere' with a list of links: Benign prostatic hyperplasia, Chylochole (uncomplicated, genital), Chronic prostatitis, Diabetic nephropathy (updated), Erectile dysfunction, Genital herpes, Genital prolapse in women, and Gonorrhoea.



# 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 Clinical Evidence homepage. At the top right, there is a navigation bar with 'Home', 'Log out', 'Help', and 'Contact us'. Below this is a search bar and a 'Full review list' button, which is circled in blue. The main content area includes a header with 'Conditions', 'Subscribe', 'Resources', 'About us', 'Contact us', and 'Contribute'. Below the header, there is a section titled 'Clinical Evidence is one of the world's most authoritative medical resources for informing treatment decisions and improving patient care.' followed by 'Latest updated reviews' with a grid of links to various medical topics like 'Pharyngeal esophageal syndrome', 'Migraine in children', etc. There is also a 'Guest editorial' section and a 'New! News & Email Alerts' section.

The screenshot shows the Clinical Evidence alphabetical index. At the top, there is a navigation bar with 'Home', 'Log out', 'Help', and 'Contact us'. Below this is a search bar and a 'Full review list' button. The main content area features an alphabetical index bar with letters A through Z. Below the index bar, there is a list of medical topics organized by letter. The 'K' section is visible, listing topics such as 'Absence seizures in children', 'Alcornoque', 'Alcornoque (updated)', 'Acute coronary syndrome (unstable 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', 'Albendazole, middle-ear pain and trauma', and 'ALI'. The 'S' section is also visible, listing topics such as 'Seasonal allergic rhinitis', 'Alcoholism', 'Alzheimer's disease', 'Amlyptin', 'AMI (updated)', 'Amebic dysentery', 'Amputations and foot ulcers in diabetes (updated)', 'Anaemia (chronic)', 'Angina (chronic stable)', 'Ankle sprain', 'Anorexia nervosa', 'Anterior uveitis, acute', 'Anxiety disorder, generalized', 'ASGM in children', 'Aphthous ulcers (recurrent)', 'Appendicitis', 'ARDS', 'ARF', 'Arrhythmias: acute atrial fibrillation', 'Arrhythmias: chronic atrial fibrillation', 'Arrhythmias: ventricular bradyarrhythmias', 'Arterial disease, peripheral', 'Aspirin, paracetamol', 'Asthma and other wheezing disorders in children', 'Asthma in adults', 'Athlete's foot', 'Ataxia (infantile) (acute onset)', 'Ataxia (infantile) (chronic)', 'Atorvastatin (and simvastatin combination) (updated)', and 'Autism'. At the bottom, there is a 'Recurrent cystitis in non-pregnant women', 'Stress incontinence', and 'Urinary tract infection in children'.

# 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.

The screenshot shows the ClinicalEvidence website homepage. At the top right, a search bar contains the text "glaucoma". Below the search bar, the website header includes the "ClinicalEvidence" logo, navigation links for "Conditions", "Subscribe", "Resources", "About us", and "Contact us", and buttons for "Bestests" and "Full review list". The main content area features a introductory paragraph, a "Latest updated reviews" section with a grid of links to various medical topics, a "Guest editorial" section with a globe image, and a "News Feeds & Email Alerts" section. A sidebar on the right contains a "Clinical Evidence Userguide" and an "Articles and Research section".

The screenshot shows the ClinicalEvidence search results page for the query "glaucoma". The page displays "Results for your search" and indicates that there are 25 matches. A list of search results is shown, each with a title and a snippet of text. The first result is "Glaucoma", followed by "Concomitant cataract plus concomitant glaucoma surgery", "Cataract surgery plus non-concomitant glaucoma surgery", and "Laser trabeculoplasty for open angle glaucoma". Each result includes a snippet of text and a link to the full review.

# 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 screenshot displays the Clinical Evidence website interface for a review on 'Kidney stones'. At the top, there is a navigation bar with 'Home', 'Log out', 'Help', and 'Contact us'. Below this, a search bar and a 'Full review list' button are visible. The main content area features a tabbed sub-menu with options: 'Conditions', 'Subscribe', 'Resources', 'About us', 'Contact us', and 'Contribute'. The 'Conditions' tab is active, showing the title 'Kidney stones' and authors 'Robert White, David Foley, James Lingenfelter'. Below the title, another set of tabs includes 'Interventions', 'Key points', 'About this condition', 'Updates (3)', 'Guidelines (3)', 'References', and 'Your responses'. The 'Key points' tab is selected, displaying a summary of clinical questions addressed in the review, such as 'What are the effects of interventions for stone removal in people with asymptomatic kidney stones?'. To the right, there are sidebars for 'Patient leaflet about this condition', 'Updates (3)', and 'Related BMJ Journal articles'. At the bottom of the page, a second set of tabs is visible, mirroring the top one, with 'Interventions', 'Key points', 'About this condition', 'Updates (3)', 'Guidelines (3)', 'References', and 'Your responses'. The 'Key points' tab is also selected here, showing a similar summary.

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*

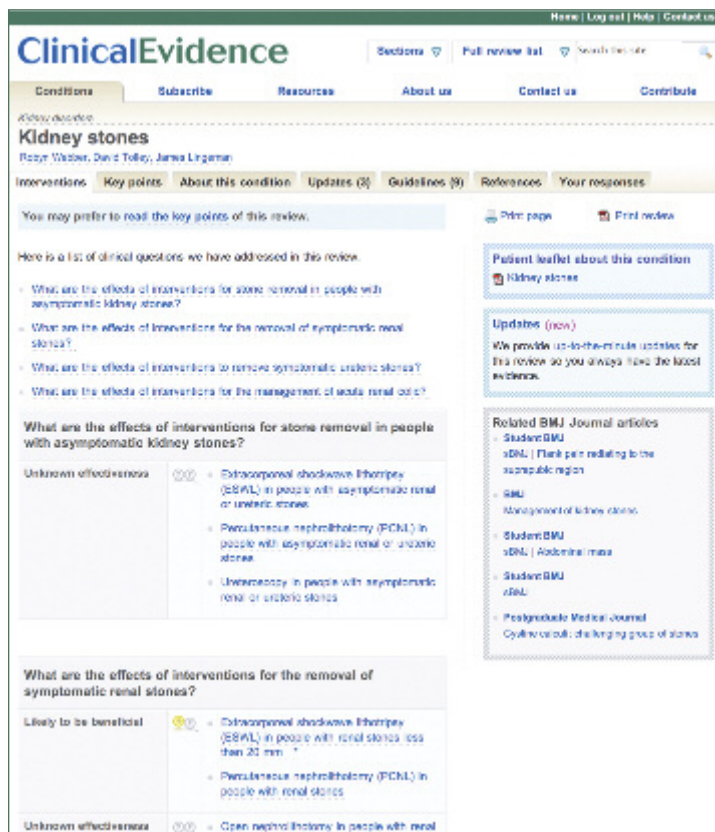
 *Likely to be beneficial*

 *Trade-off between benefits and harms*

 *Unknown effectiveness*

 *Unlikely to be beneficial*

 *Likely to be ineffective or harmful*



**ClinicalEvidence** Home | Log out | Help | Contact us

Sections | Full review list | Search the site

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

Kidney stones  
Rozie Wilson, David Tolley, Janna 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. [Print page](#) [Print 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"><li>Extracorporeal shockwave lithotripsy (ESWL) in people with asymptomatic renal or ureteric stones</li><li>Percutaneous nephrolithotomy (PCNL) in people with asymptomatic renal or ureteric stones</li><li>Ureterscopy in people with asymptomatic renal or ureteric stones</li></ul>
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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"><li>Extracorporeal shockwave lithotripsy (ESWL) in people with renal stones less than 20 mm</li><li>Percutaneous nephrolithotomy (PCNL) in people with renal stones</li></ul>
Unknown effectiveness		<ul style="list-style-type: none"><li>Open nephrotomy in people with renal</li></ul>

**Related BMJ Journal articles**

- Student BMJ: uROL: Flank pain radiating to the suprapubic region
- BMJ: Management of kidney stones
- Student BMJ: uROL: Abdominal mass
- Student BMJ: uROL
- Postgraduate Medical Journal: Cytology of colic: the longy 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"><li>Extracorporeal shockwave lithotripsy (ESWL) in people with asymptomatic renal or ureteric stones</li><li>Percutaneous nephrolithotomy (PCNL) in people with asymptomatic renal or ureteric stones</li><li>Ureterscopy in people with asymptomatic renal or ureteric stones</li></ul>
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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 is a navigation bar with the site name 'Clinical Evidence' and a search box. Below this is a secondary navigation bar with tabs for 'Conditions', 'Subscribe', 'Resources', 'About us', 'Contact us', and 'Contribute'. The main content area is titled 'Helping you to practise evidence-based medicine' and features a sub-navigation bar with tabs for 'Commissioned papers', 'EBM Tools', 'EBM links', 'Drug information', 'EBM training', and 'Articles and Research'. The 'EBM Tools' tab is currently selected. The main content displays two articles: 'Palliative care' and 'Smoking cessation'. The 'Palliative care' article includes a summary and a download link for a review. The 'Smoking cessation' article includes a summary of findings from a systematic review. On the right side, there is a sidebar with a list of links including '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 of the page, there is a navigation bar with tabs for 'EBM Tools', 'EBM links', 'Drug information', 'EBM training', and 'Articles and Research'.

*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 is a navigation bar with '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' with a grid of links to various medical topics; 'Guest editorial' featuring a globe and text about clinical recommendations; 'Our methods' and 'Consultancy reviews' sections; 'Drug safety alerts' with a list of recent alerts; and 'Managing HIV infection'. On the right side, there are sections for 'News Feeds & Email Alerts', 'Clinical Evidence Userguide', 'Articles and Research section', 'NEW VIDEO now online', 'Clinical Evidence Research Report', 'Evidence in Practice Newsletter', and 'The latest news from bmj.com'. Annotations with arrows point from the text on the left to specific elements on the website: 'RSS UPDATES' points to the RSS icon in the 'News Feeds & Email Alerts' section; 'EMAIL ALERTS' points to the 'Sign up for email alerts' link; 'DRUG SAFETY ALERTS' points to the 'Drug safety alerts' section; and 'NEWS' points to the 'The latest news from bmj.com' 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*

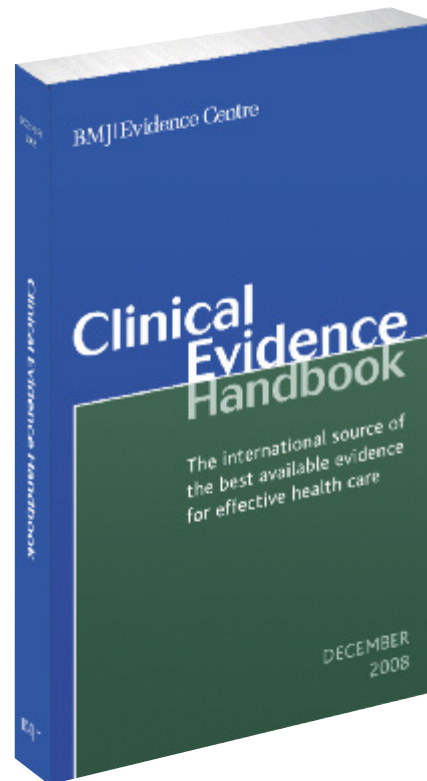
Published in June and December

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.



## ClinicalEvidence

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