

BMJ Best Practice

Website User Guide



bestpractice.bmj.com

Your instant

second opinion

Healthcare professionals need fast and easy access to reliable, relevant information when making diagnosis and treatment decisions. This is precisely what *BMJ Best Practice* provides. *BMJ Best Practice* provides decision support through a step-by-step approach that is structured around the patient consultation, covering diagnosis, prognosis, treatment and prevention. It fits information around real, diverse and evolving medical information needs to give you a second opinion in an instant. This user guide has been designed to provide you with an overview of *BMJ Best Practice* and guide you through the topic information and important features to ensure you get the most out of your subscription.

At a glance



Breadth of content

- Information on thousands of diagnoses and diagnostic tests
- Seamless links to drug formularies for comprehensive drug information
- Over 4,000 diagnostic and treatment guidelines, including NICE guidelines
- Over 200 plain-language patient information leaflets to support treatment options
- Full reference links and over 3,500 colour images

Evidence into practice

- Referenced throughout, with links to research articles

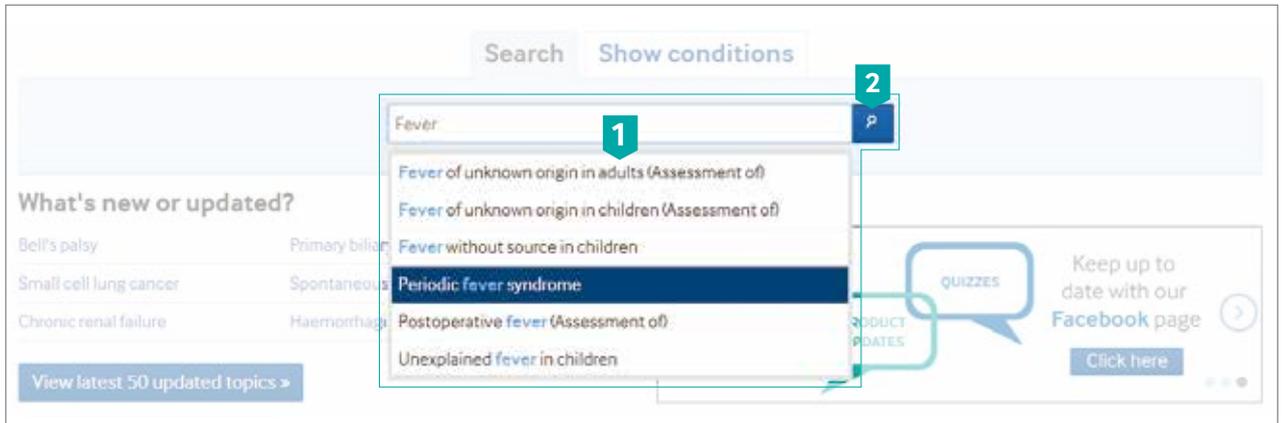
Breadth of content

- The flexibility to change the language of the interface and navigation to over one of 16 local languages
- The ability to bookmark and annotate pages with personal notes and view notes added at an institutional level
- Regular alerts via RSS and email to stay informed of the latest product and content updates

Structured information

- Step-by-step information structure to anticipate clinical questions and provide quick answers
- Treatment information organised by patient type

Searching



1 As you start typing, suggestions will automatically appear to help you find what you are looking for

2 Click on the blue magnifying glass to search for all relevant content or click on the suggested search term in the drop down to go directly to the monograph

Introduction

There are two main ways to find information within *BMJ Best Practice*, by browsing a list of topics by selecting 'show conditions' or by using the search box and entering in a term. Key to getting started is the *BMJ Best Practice* search function. The next couple of pages include details on how to locate information, tips to help you optimise your search results, how results are ranked and enhanced search options.

The search box

To help you access the information you need quickly and easily, the *BMJ Best Practice* search function includes a number of features that narrow down your search results and ensure that the most relevant results are returned instantly. It is recommended that you use a maximum of two predominant signs or terms in your search to return a full comprehensive list of search results. If you want to search for a specific phrase or a group of words in a specific order, include double quote marks (") around your phrase e.g. "shortness of breath". If you are searching for more than one term, symptom or sign, you can refine your search results by using the AND/OR/NOT function in your search.



Refined searches

To refine your search there are three common search commands supported in *BMJ Best Practice*: AND, OR and NOT.

The search functionality uses the AND command as its default option when a phrase or series of words are entered. This will return results containing all of the words you have entered into your search query. You do not need to include the word AND between your search terms, as 'and' is automatically implied. If you want to return results containing just one of several terms you can use the OR command. It's important that you use all caps when typing OR otherwise the search will not recognise your request. When you want to search for either one of multiple specific phrases don't forget to include double quote marks (") around each phrase, e.g. "shortness of breath" OR "chest pain". If you want to exclude certain terms from a search you can use the NOT command, e.g. to search for pain, but not exclude chest pain, type 'pain NOT chest'.

The screenshot shows search results for the query 'fever rash'. A teal badge with the number '3' is in the top right corner. The results are categorized as follows:

- Assessment**: [Assessment of rash in children](#) (Overview | Emergencies | Diagnosis | Resources)
- Assessment**: [Assessment of maculopapular rash](#) (Overview | Emergencies | Diagnosis | Resources)
- Condition**: [Malaria](#) (Highlights | Basics | Prevention | Diagnosis | Treatment | Follow Up | Resources)
- Condition**: [Erythema nodosum](#) (Highlights | Basics | Diagnosis | Treatment | Follow Up | Resources)

3 Type 'fever rash' into the search bar and it will only present results that feature both terms

The screenshot shows search results for the query 'fever OR rash'. A teal badge with the number '4' is in the top right corner. The results are categorized as follows:

- Assessment**: [Assessment of chest pain](#) (Overview | Emergencies | Diagnosis | Resources)
- Condition**: [Costochondritis](#) (Highlights | Basics | Diagnosis | Treatment | Follow Up | Resources)
- Diagnosis**: [Assessment of chest pain = Diagnosis = Differential diagnosis ... of the chest reproducible pain, especially at the costochondral junctions CXR no specific findings should ...](#)
- Overview**: [Overview of sports-related injuries](#) (Introduction | Conditions | Incidence | References | Contributors)

4 Typing 'fever OR rash' will return any page that has either of those terms. Pages with both terms are ranked higher up the page



Highlighting search results

When you click through from one of the search results, the highlighting tool emphasises all mentions of the search word in yellow on the relevant pages in the topic.

Search results for a known condition

Search results for a known condition e.g. 'Pulmonary embolism', are ranked by relevance, and allow easy access directly to the content more relevant to you.

Search results for a diagnosis

Search results for a symptom, e.g. 'shortness of breath', are ranked by relevance, and allow quick and easy access to topics to help diagnose the cause ('Assessment of dyspnoea') and to conditions in which the symptom occurs, e.g. 'Pneumothorax.'

Search query expansion

Another feature is the search functionality is finding words from the stem of a word. This removes common suffixes, such as '-ise', '-ing', '-s', '-es' etc. So, a search for 'breathing' will also find 'breath' and vice versa.

- 5 Refine the results by content type using the different tabs
- 6 The content type is clearly listed with the search results
- 7 The actual condition is listed as well as any related topics
- 8 Direct links are available to different sections of topics to aid quick navigation

- 9 A search for 'breathing' will also find 'breath' and vice versa

Enhanced search features



MeSH synonyms

The *BMJ Best Practice* search engine uses MeSH synonyms to further enhance the search results. The search engine will also search for synonyms of the term entered. So, for example, if you search for 'acetaminophen' you will also see results for 'paracetamol' and vice versa. The synonym lists for each topic have been extended and enhanced based on user activity and are updated regularly.

Topic synonyms and related topics

When you search for a particular condition the search will also bring back any related 'topic synonyms'. This allows you to find information on a condition which may be under an alternative name or topic.

10

Treatment	Migraine headache in adults > Treatment > Details > paracetamol Patient group: - pregnant ... paracetamol Paracetamol is more effective than placebo in treating migraine, but may be less...
Treatment	Paracetamol overdose > Treatment > Details > no further treatment Patient group: repeated supratherapeutic paracetamol ingestion: asymptomatic without hepatic risk factor - with paracetamol ingestion 140 mg or less/kg/24 hours
Guideline	Clinical policy: critical issues in the management of patients presenting to the emergency department with acetaminophen overdose American College of Emergency Physicians

10 The search results generated for the term 'acetaminophen', display both 'paracetamol' and 'acetaminophen'

11

1100 Use the tabs to refine your search:

All results (12747) | Conditions (365) | Diagnosis (2294) | Treatment (4292) | Evidence (0) | Drug database (0) | Guidelines

Results 1 to 50 of 12747 [Save this search](#)

Condition	<input type="checkbox"/> Shaken baby syndrome Highlights Basics Prevention Diagnosis Treatment Follow Up Resources
Condition	<input type="checkbox"/> Child abuse Highlights Basics Prevention Diagnosis Treatment Follow Up Resources
Assessment	<input type="checkbox"/> Assessment of short stature Highlights Basics Prevention Diagnosis Treatment Follow Up Resources

11 If you search for 'shaken baby syndrome' it also finds results for 'child abuse'

Topic outlines



Condition topics

Each topic contains information on the complete management (diagnosis and treatment) of a patient with this condition. It also includes background information, prevention and follow-up material

Navigation within the topic is easy with a consistent, practical content menu. This menu provides a quick reference to the different sections as well as enabling fast access to the most relevant content to you.

Acute atrial fibrillation Last updated Oct 31, 2013

12 Treatment

13 Resources

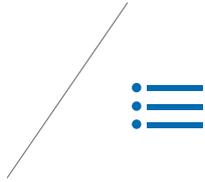
12 Treatment guidelines appropriate to the condition are available from international and regional organisations

13 Resources include references (with abstract and/or full text links), images, related content and further online resources

Assessment of dyspnoea Last updated Jun 12, 2013

14 Resources

14 Additional tabs include: Overview, Emergencies, Diagnosis and Resources



Assessment topics

BMJ Best Practice contains a number of 'Assessment of' topics that provide detailed guidance on the diagnosis of key clinical symptoms and the use of diagnostic tests and procedures.

The 'Differential diagnosis' section presents all the differentiating history, exam factors, and tests for each differential e.g. 'dyspnoea'.

Overview topics

BMJ Best Practice also contains a number of 'Overview' topics. These provide brief information summaries regarding a group of conditions and links to further information on the individual conditions.

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Differential diagnosis

Sort by: common/uncommon or category

Parenchymal Lung Disease show all

- » COPD
- » Pulmonary tumours
- » Infective pneumonitis (bacterial, viral, fungal, tuberculosis)

15 Sort 'Differential diagnosis' by frequency or category

Overview of acute coronary syndrome

Last updated: May 23, 2013

Introduction **Conditions** Evidence References Contributors Related BMJ content

Conditions show all

- » Unstable angina
- » Myocardial infarction, non ST-elevation
- » Myocardial infarction, ST-elevation

Top

16 Additional tabs include: Overview, Emergencies, Diagnosis and Resources

17 The 'conditions' section allows you to link to each of the individual conditions

Integrated evidence



Discover the power of evidence

Statements on the treatment of disease in *BMJ Best Practice* are backed up by the latest evidence from BMJ Clinical Evidence, one of the world's most respected and trusted sources of evaluated medical research.

Appropriate content from BMJ Clinical Evidence is incorporated directly into each *BMJ Best Practice* topic, and clearly identified using evidence grades.

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Summary

- Absolute insulin deficiency: insulin treatment required.
- Most often presents with a few days or weeks of polyuria, polydipsia, weight loss, and weakness.
- Some patients may present with diabetic ketoacidosis.
- Microvascular complications: retinopathy, nephropathy, and neuropathy.
- Macrovascular complications: coronary artery, cerebrovascular, and peripheral vascular disease.

Other related conditions

- Overview of **diabetes**
- Diabetic cardiovascular disease
- Diabetic nephropathy
- Diabetic neuropathy
- Diabetic retinopathy

18 Clear summary of the current state of knowledge and effectiveness of treatment

19

Type 1 diabetes Last updated: May 02, 2013

Highlights	Basics	Prevention	Diagnosis	Treatment	Follow-up	Education
Summary	Definition	Genetics	History & examination	Insulin & environment	Microalbuminuria	Education
Overview	Pathophysiology	Screening	Tests	Diets	Complications	Diabetes-related
	Pathophysiology		Other types	Diabetes	Prognosis	Patient history
	Classification		Criteria	Screening		Contributors
			Subtypes	Evidence		Related BMJ content
			Survival			

20

Related systematic reviews: Questions

Diabetes: foot ulcers and amputations

- What are the effects of interventions to prevent foot ulcers and amputations in people with diabetes?
- What are the effects of treatments in people with diabetes with foot ulcers?

View this review's [GRADE table](#), the basis of our judgements about evidence quality. [Read more](#)

Diabetic nephropathy: preventing progression

- What are the effects of treatments to prevent progression of nephropathy in people with type 1 diabetes and early nephropathy?
- What are the effects of treatments to prevent progression of nephropathy in people with type 1 diabetes and late nephropathy?
- What are the effects of treatments to prevent progression of nephropathy in people with type 2 diabetes and early nephropathy?
- What are the effects of treatments to prevent progression of nephropathy in people with type 2 diabetes and late nephropathy?

View this review's [GRADE table](#), the basis of our judgements about evidence quality. [Read more](#)

Diabetes: glycaemic control in type 1

- What are the effects of intensive treatment programmes, psychological interventions, and educational interventions in adults and adolescents with type 1 diabetes?
- What are the effects of different insulin regimens or frequency of blood glucose monitoring in adults and adolescents with type 1 diabetes?

19 Link though to the detailed BMJ Clinical Evidence article on benefits and harms of treatment options

20 BMJ Clinical Evidence is incorporated into relevant topics

Related content



View related content from other BMJ products

BMJ *Best Practice* is your single destination for treatment and diagnosis information, to further enhance your search you can now locate other BMJ related content on the topic.

You can view detailed relevant content from:

- BMJ Learning
- The BMJ
- BMJ Clinical Evidence
- Related BMJ journals
- Best Health

Step-by-step guide

1. You can select any of the listed items for instant access (level of access will depend on your subscription status - to discover more about your current subscriptions please contact your internal administrator or contact the BMJ customer services team on support@bmj.com)
2. Save specific content to your BMJ Portfolio, simply click on the content checkboxes you wish to save and select the blue 'Add checked items to BMJ Portfolio'.
3. Save the entire portal page, by selecting the 'Add to BMJ Portfolio' button. When you access the page at a later date, the portal page will refresh and display the most current relevant items.

21 Related content

The screenshot displays a user interface for BMJ Learning. At the top, it says 'BMJ Learning'. Below this is a section titled 'Key modules on BMJ Learning' with a blue header. It lists four items, each with a checkbox on the right: 'Insulin pump therapy', 'Insulin degludec for diabetes mellitus', 'Hypoglycaemia in people with type 1 diabetes mellitus', and 'Diabetes mellitus type 1: an update on diagnosis and management'. Below this is another section titled 'BMJ Clinical Evidence' with a blue header, followed by 'Key articles from BMJ Clinical Evidence'. It lists two items with checkboxes: 'Diabetes: glycaemic control in type 1' and 'Diabetes: managing dyslipidaemia'. At the bottom, there is a section titled 'BMJ' with the tagline 'Helping Research make better decisions' and 'Latest from the BMJ'. It features two 'Research:' entries. The first is 'Role of diuretics, β blockers, and statins in increasing the risk of diabetes in patients with impaired glucose tolerance: reanalysis of data from the NAVIGATOR study', published 12/9/2013. The second is 'Comparative effectiveness of renin-angiotensin system blockers and other antihypertensive drugs in patients with diabetes: systematic review and bayesian network meta-analysis', published 10/24/2013. Each research entry has a checkbox on the right.

Customisation features just for you



Benefits of 'My BMJ Best Practice'

A 'My BMJ Best Practice' account allows you to:

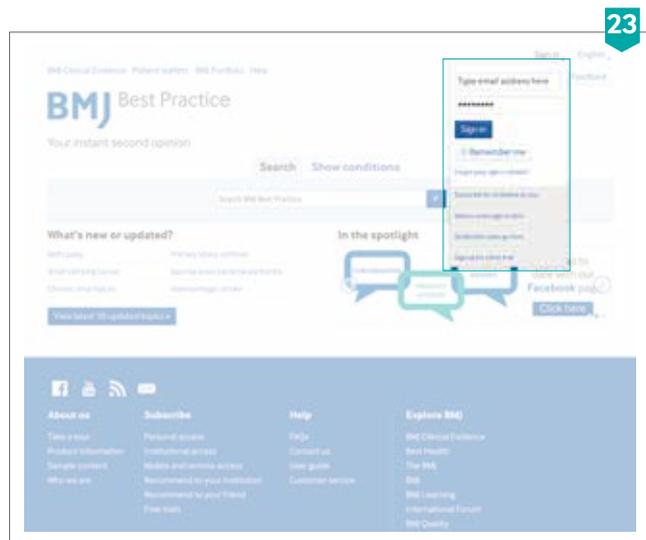
- Access the site from home or on your mobile device
- Save searches and bookmark pages
- Share links with others
- Access local and institutional guidelines applicable to you

How to create a 'My BMJ Best Practice' account

To benefit from the personalisation features in *BMJ Best Practice*, you need to sign up for a 'My BMJ Best Practice' account (or use an existing sign-in for other BMJ products). Click on the 'My BMJ Best Practice' while you are within your organisation. Register for your own personal account by entering your details. If you do not have an account set up for any other BMJ products or services you will be prompted to complete the registration process and provide information to support your use of the product.



22 Register for your account by entering your details



23 To sign-in next time, just click on the sign-in button N.B Athens users, click on 'sign-in' before creating your 'My BMJ Best Practice' account



Search in your local language

BMJ Best Practice navigation and search functionality is now available in over 60 languages, allowing you to pre-select your local or preferred search language options via your 'My BMJ Best Practice' preferences. By logging in via your 'My BMJ Best Practice' account you will be able to save your search in its respective search language.

Choosing a drug database

Your subscription may include access to multiple drug databases. When referring to a formulary for medicines information, you can choose which of the available databases to consult, or set a default database to use.

BMJ Best Practice

Your instant second opinion

Search Show conditions

Search BMJ Best Practice

My BMJ Best Practice

Maintain your personalisation features here.

Searches/Bookmarks BMJ Portfolio Guidelines Patient leaflets Drug database Notes

Searches

Your institutional default search language is: None selected

Your preferred search language

Choose from over 60 languages: English Save

Reset your personal search language

You have 0 saved searches

24 Additional tabs include: Overview, Emergencies, Diagnosis and Resources

BMJ Clinical Evidence Patient leaflets Drug database BMJ Portfolio Help

My BMJ Best Practice Feedback

BMJ Best Practice

Your instant second opinion

Search Show conditions

Search BMJ Best Practice

My BMJ Best Practice

Maintain your personalisation features here.

Searches/Bookmarks BMJ Portfolio Guidelines Patient leaflets Drug database Notes

Drug database

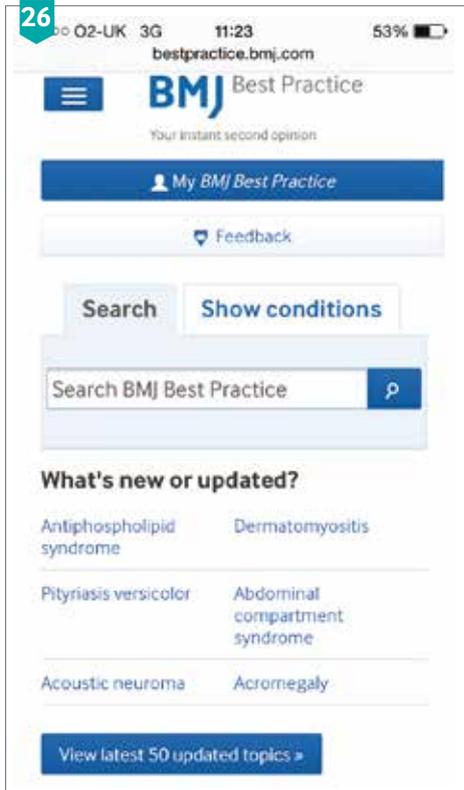
Your subscription includes access to the drug formularies listed below. If you would like to upgrade your subscription by adding further drug formularies, please contact BMJ Customer Services.

By default you will be prompted to select an appropriate formulary when clicking on a treatment link. Alternatively, please set a default formulary that should be used when you click on a treatment link.

Formulary	Default
InP	<input type="checkbox"/>
Martindale	<input type="checkbox"/>
AHD-EU Essentials	<input type="checkbox"/>

25 Additional tabs include: Overview, Emergencies, Diagnosis and Resources

Access *BMJ Best Practice* on the go



BMJ Best Practice has been designed to adapt and resize for an optimal viewing experience across all mobile devices.

Remote access at no extra cost

All personal and institutional subscriptions include remote access to *BMJ Best Practice* at no extra charge. Simply create a 'My *BMJ Best Practice*' account and follow the instructions (pg. 13).

Download the app for even faster access

All personal and institutional subscriptions include remote access to *BMJ Best Practice* at no extra charge. Simply create a 'My *BMJ Best Practice*' account and follow the instructions (pg. 13).

26 To access other content from *BMJ Best Practice* click on the blue menu button. To navigate back to the home page select the menu button to return

Stay connected

Sign up to a 'My *BMJ Best Practice*' account (pg. 13) to receive monthly email alerts highlighting the most recent and updated topics, along with helpful hints and tips.

Follow-us on Facebook, join our community of users to discuss topics, get involved in our weekly quizzes and find out where our expert trainers will be next.

www.facebook.com/BMJBestPractice

If you would like to reach us please email **support@bmj.com**.

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