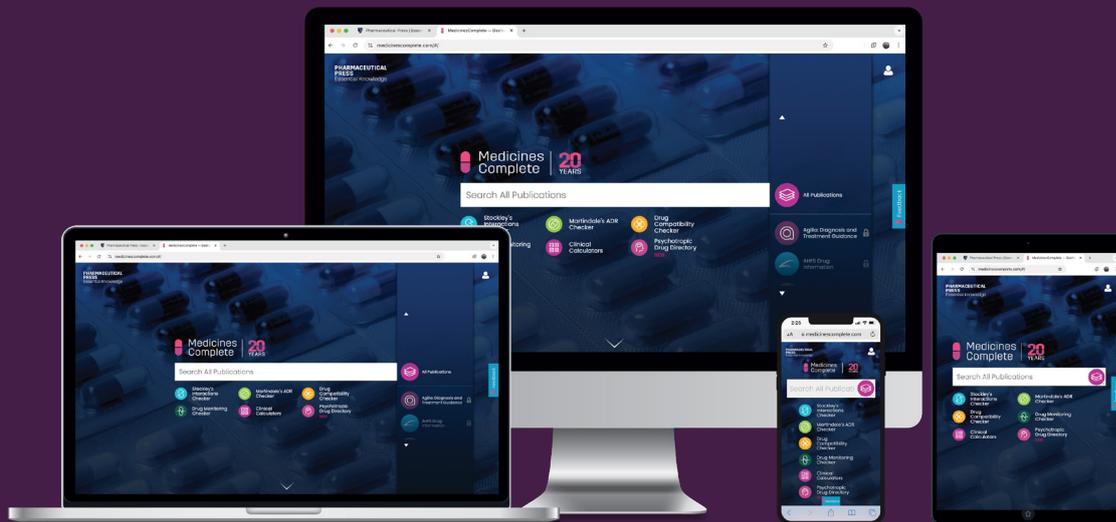




# MedicinesComplete User Guide



[MedicinesComplete.com](https://www.MedicinesComplete.com)





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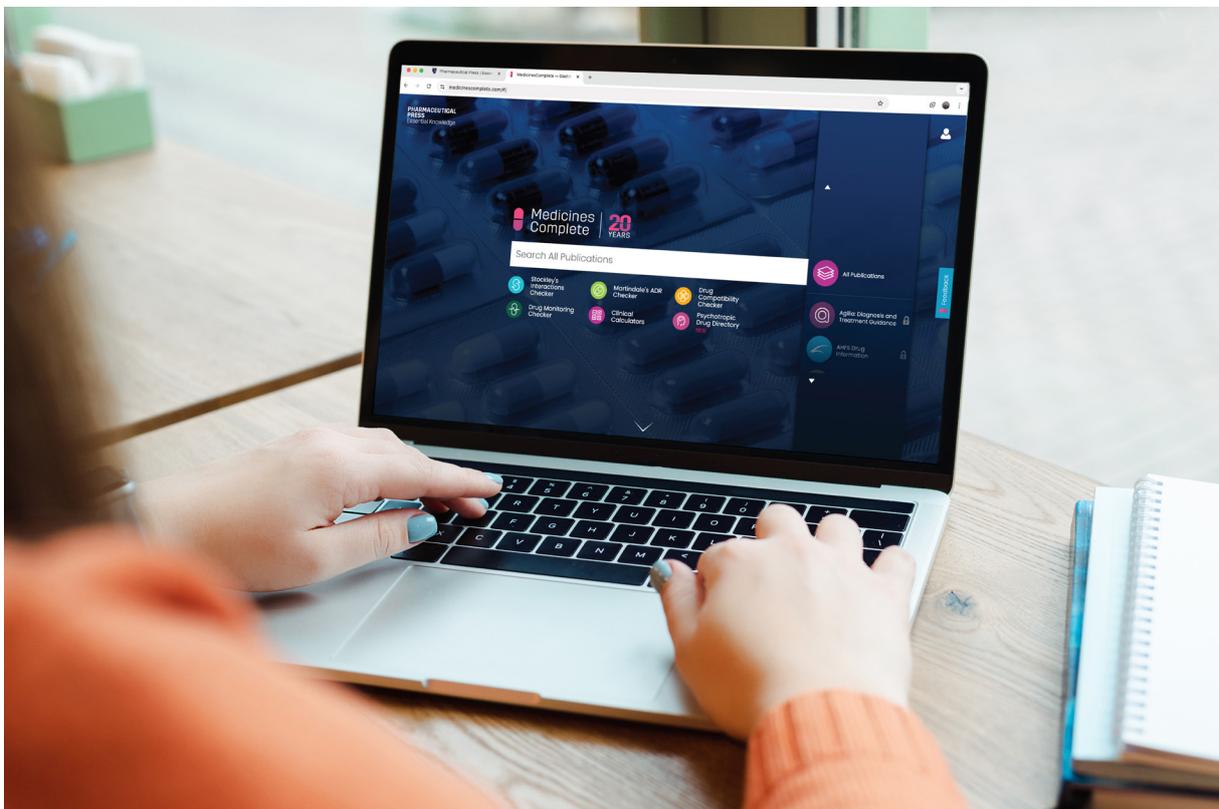


## Introduction

**MedicinesComplete** makes it easy for health professionals to access trusted evidence-based guidance and medicines information to support confident decision making at the point of need.

This user guide explains how to access and navigate **MedicinesComplete**, as well as offering guidance on the use of specific publications.

For specific questions or assistance, we encourage you to use the contact details at the back of the guide.



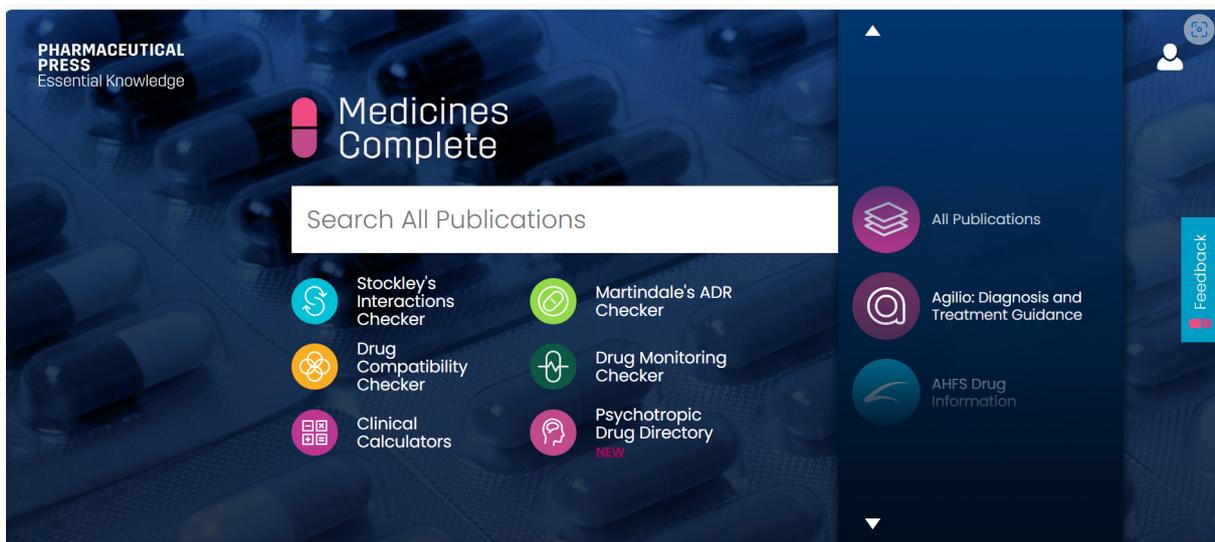


## How to access MedicinesComplete

There are three ways to log in to MedicinesComplete – via IP address, with a username and password, or via Shibboleth/OpenAthens. How you access MedicinesComplete will be decided by the person/persons responsible for your organisation's subscription to MedicinesComplete.

### Via IP address

To access the platform via an IP address, go to [www.medicinescomplete.com](http://www.medicinescomplete.com). Once logged in successfully, you will be taken to the MedicinesComplete homepage.



1. Enter [www.medicinescomplete.com](http://www.medicinescomplete.com) into your browser's address bar.
2. If your IP address is authorised, you will be given access to the MedicinesComplete homepage.



## Via username and password

To access MedicinesComplete via username and password, you must set your password the first time you log in. To do this, go to [www.medicinescomplete.com](http://www.medicinescomplete.com) and select the 'Reset password?' option in the login window.

Once you have completed the reset password process, log in to your account to be taken to the MedicinesComplete homepage.

1. Enter [www.medicinescomplete.com](http://www.medicinescomplete.com) into your browser's address bar and select 'Login'.
2. Select 'Reset password?' and enter your email address.
3. Retrieve the password reset code sent to your email inbox.
4. Enter the code on the login screen and confirm your new password.
5. Click on the 'Login' button.
6. In future you will need to provide your email address or username and password to log in via the MedicinesComplete homepage, unless you save these details to your browser.

The image displays two screenshots of the MedicinesComplete website interface. The left screenshot shows the login page with the 'Reset password?' link highlighted in a red box. The right screenshot shows the password reset process, including a message about the code, a code input field, and new password confirmation fields.



## Via Shibboleth/OpenAthens

Log in by selecting 'Login via Shibboleth/OpenAthens'. Once successfully logged in, you will be taken to the MedicinesComplete homepage.

Manage Access via SAMS Sigma

Medicines Complete

Email or username

Email or username

Password [Reset password?](#)

Password

Log in

Redeem a voucher >

Login via Shibboleth/Open Athens

1. Enter [www.medicinescomplete.com](http://www.medicinescomplete.com) into your browser's address bar and select 'Login'.
2. Click on the 'Login via Shibboleth/OpenAthens' option.
3. In the window that opens, select your organisation.
4. You will be redirected to the login page for your institution. Enter your credentials to gain access to MedicinesComplete.

## Via referral link from a secure website

This option can be used to provide access to MedicinesComplete directly from your own internal system. These generic instructions should work for most, but it depends on how the code is embedded on your site. Follow these steps:

1. Decide where on your internal system you want to include the link to MedicinesComplete. Please ensure this is on a secure page which is not accessible to the public (behind your network or federated login).
2. Take a copy of the URL of the page (also known as the referrer URL) and send it to your Account Manager who will need to add this to your access methods.
3. Once added, go back to your internal system and add a link/button leading to MedicinesComplete in the following format:

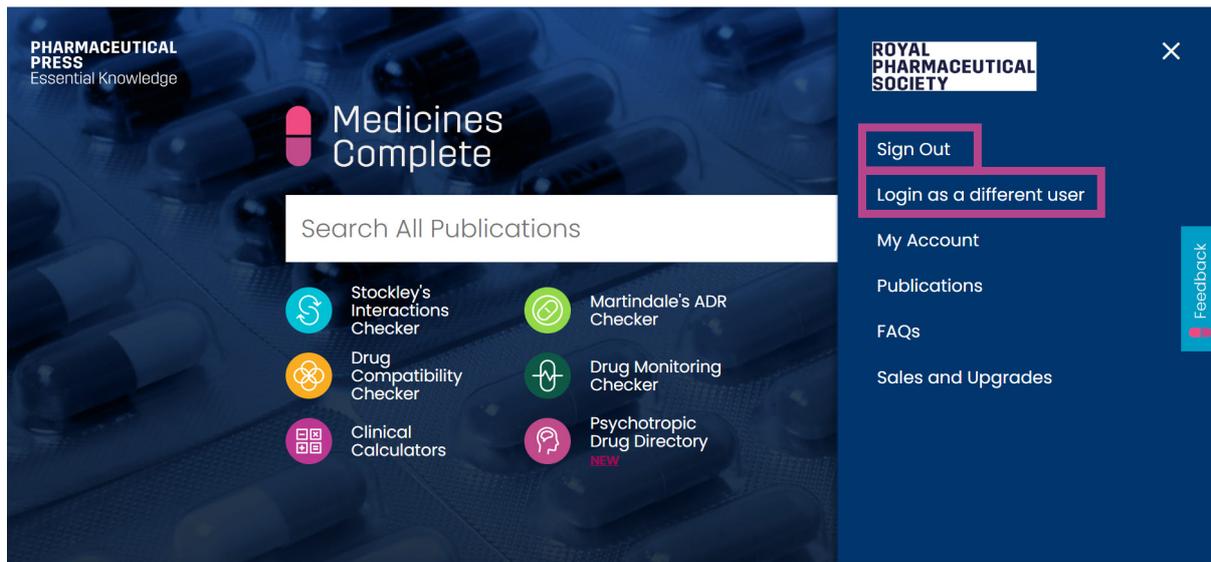
E.g. if the referrer URL is <https://mc.referrer.com>, then the URL you would enter in your system would be: [https://www.medicinescomplete.com/loginexplore?referrer\\_url=https://mc.referrer.com](https://www.medicinescomplete.com/loginexplore?referrer_url=https://mc.referrer.com)





## Sign out and log in as a different user

It is important to always sign out once your session on MedicinesComplete has ended. You also need to sign out if you wish to access MedicinesComplete with a different user account. This is important if your organisational subscription is based on concurrency. Signing out will ensure a colleague is able to log in and access MedicinesComplete.



1. To end your session, click on the 'My account' icon and select 'Sign out' in the list.
2. To log in via a different account, select 'Login as a different user'. This will open the login screen where you can gain access via username/password or Shibboleth/OpenAthens.

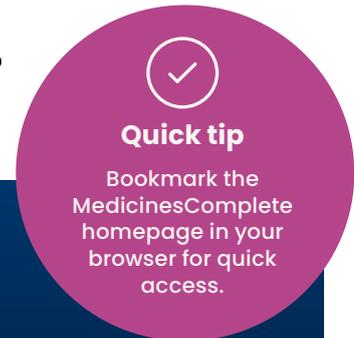


# How to navigate MedicinesComplete

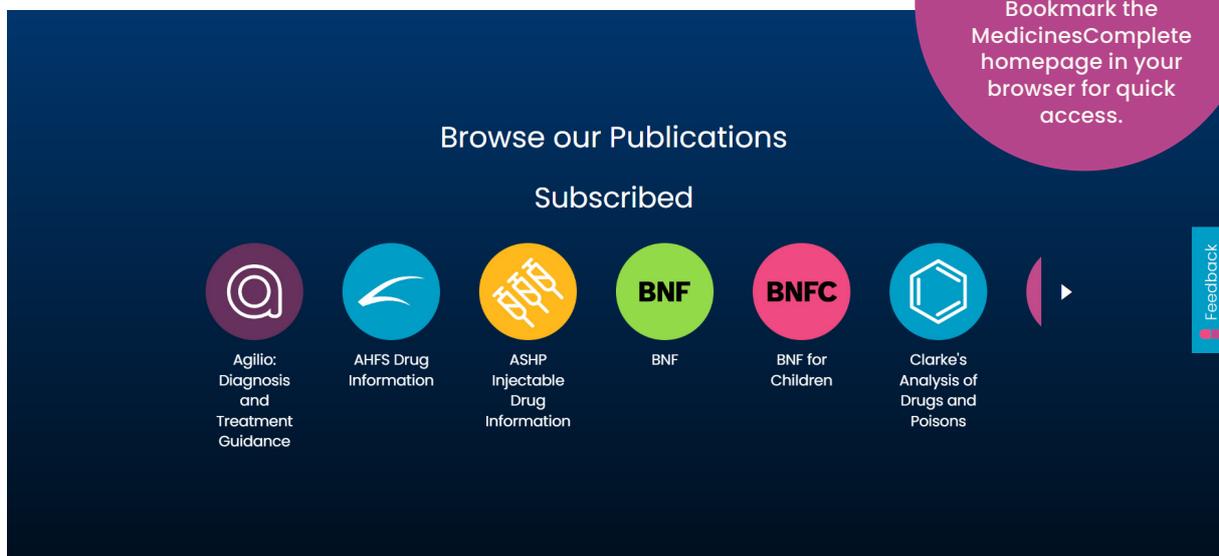
## Using the homepage

Once logged in to MedicinesComplete, the homepage is displayed, which features the search bar and a list of your subscribed publications.

Publications you are not subscribed to will also be visible but padlocked to denote no access.



**Quick tip**  
Bookmark the MedicinesComplete homepage in your browser for quick access.



1. Search across all publications or choose an individual one from the publications list to the right of the search bar (pictured on page 9).
2. Click on the arrows to move up and down the list of publications.
3. Scroll down the homepage to the 'Browse our publications' section to access quick links to the homepage for each of your subscribed publications.
4. Scroll down to the bottom of the homepage to view the latest product updates/news, as well as to access user guides.



## Using the search bar

You can choose to search across all publications or in individual subscribed publications.

The screenshot shows the Medicines Complete homepage. At the top left is the logo 'PHARMACEUTICAL PRESS Essential Knowledge'. The main header area contains the text 'Medicines Complete' and a search bar labeled 'Search All Publications'. Below the search bar are several tool icons: Stockley's Interactions Checker, Drug Compatibility Checker, Clinical Calculators, Martindale's ADR Checker, Drug Monitoring Checker, Psychotropic Drug Directory (marked 'NEW'), All Publications, Agilio: Diagnosis and Treatment Guidance, and AHFS Drug Information. A 'Feedback' button is visible on the right side.

1. The search bar is located on the homepage as well as in the header of every page on MedicinesComplete.
2. Relevant search terms auto-complete when you type in the first three letters in the search bar.
3. Search for results from across all publications or select an individual publication.
4. Each search result details the publication, page title, and content type.
5. On select publications, use the left-hand panel to further refine your search by filtering by publication and type of content (drug, medicine, interaction, treatment summary, etc.).

A Stedman's Medical Dictionary Definition will appear at the top of the search results page when relevant. Click the banner to view guidance on pronunciation and synonyms.

The screenshot shows the search results page for 'methotrexate'. The search bar at the top contains 'methotrexate'. Below the search bar, the results are titled 'Search results for methotrexate'. A banner for 'Stedman's Medical Dictionary Definition' is displayed. On the left, there is a 'Filter Results' panel with options: 'All Publications 7511 Results', 'Agilio: Diagnosis and Treatment Guidance 151 Results', and 'AHFS Drug Information'. The main content area shows the definition for 'methotrexate' with its pronunciation [meth·o·trex·ate, (meth'ō-trek'sāt)] and synonyms: a·me·thop·ter·in. A description follows: 'A folic acid antagonist used as an antineoplastic agent; used to treat psoriasis and rheumatoid arthritis.' A 'Feedback' button is on the right.



## Using advanced search

### Spell checker for search results

When using the search bar you will notice an automated spell checker for search results.

### Semantic searching

MedicinesComplete supports semantic searching by SNOMED CT concept term and dm+d virtual therapeutic moiety names.

1. Search for 'Coumarin anticoagulant'.
2. Results with titles including 'About anticoagulants', 'Coumarin derivatives', and 'Coumarin' are given.

The screenshot shows the MedicinesComplete search interface. At the top left is the MedicinesComplete logo. A search bar contains the text 'Coumarin anticoagulant'. To the right of the search bar are icons for a dictionary, a plus sign, a refresh button, a target icon, and a user profile icon. Below the search bar, the text 'Search results for *Coumarin anticoagulant*' is displayed, followed by a link to 'Stedman's Medical Dictionary Definition'. A 'Filter Results' sidebar on the left lists categories: 'All Publications' (1762 Results), 'Agilio: Diagnosis and Treatment Guidance' (40 Results), 'AHFS Drug Information' (52 Results), and 'ASHP Injectable Drug Information' (1 Results). The main content area shows 'Results 1 - 20 of 1762, sorted with best match first.' and lists results under three categories: 'About Anticoagulants' (Introduction, Stockley's Drug Interactions), 'Coumarin Derivatives' (Drug, Drugs in Pregnancy and Lactation), and 'Coumarin' (Drug, Martindale: The Complete Drug Reference). A vertical 'Feedback' button is on the right side of the results area.



## Searching by synonym

Synonyms will also be found when searching MedicinesComplete.

1. Search for 'Hypericum'.
2. See results with the title 'St John's Wort'.

## Searching by chemical formulae

Another way to search is by chemical formulae. Search results show that 'KCl' is associated with 'Potassium chloride'.

## Wildcard search

MedicinesComplete features wildcard search. For instance, entering 'Pregnan\*' with an asterisk at the end will give results for 'Pregnant', 'Pregnancy', and 'Pregnane'.

The screenshot displays the MedicinesComplete search interface. At the top left is the Medicines Complete logo. A search bar contains the text 'Pregnan\*'. To the right of the search bar are icons for home, search, refresh, and user profile. Below the search bar, the page title is 'Search results for *Pregnan\**'. A sub-header indicates 'Stedman's Medical Dictionary Definition'. On the left, a 'Filter Results' sidebar shows four categories: 'All Publications' (64 Results), 'Agilia: Diagnosis and Treatment Guidance' (7 Results), 'AHFS Drug Information' (5 Results), and 'ASHP Injectable Drug Information' (0 Results). The main content area shows 'Results 1 - 20 of 64, sorted with best match first.' The first result is 'Nafcillin Sodium', categorized as 'Drug' and 'Pediatric Injectable Drugs'. The second result is 'Rifaximin', categorized as 'Antibiotic' and 'Kucers' the Use of Antibiotics'. The third result is 'Abbreviations', also categorized as 'Kucers' the Use of Antibiotics'. A 'Feedback' button is visible on the right side of the results area.



## Using the header

Use the header to quickly and efficiently navigate MedicinesComplete by using a range of intuitive navigation features.



1. Access the search bar from the header of any page.
2. Search across all publications or within a specific publication by clicking on the publication icon and selecting your preference from the dropdown menu. Results are sorted so the pages that best match for your search are displayed first.
3. Point-of-need tools such as Stockley's Interactions Checker and Martindale's ADR Checker can be accessed directly via the icons to the right of the search bar.
4. View account options by selecting the account icon. This brings up a menu displaying 'My account', as well as 'Sign out' and 'Login as a different user' options.
5. Navigate back to the homepage from any page by clicking on the MedicinesComplete logo at the top left of the screen.

## Using a content page

Use content pages to filter and navigate content across all publications.

1. Following your search, click on a search result to view its dedicated content page.
2. Use the 'Highlight search' toggle to identify all appearances of the search term within the content page.
3. On the content page of select publications, the left-hand panel allows you to quickly navigate to key subsections of content such as doses and side effects, and related content across all publications.
4. The date at the top of the page beneath the publication name indicates when any content from the publication was last updated.
5. Click the publication icon to browse the publication.



## Using the dosage card

In search results, view important dosage information by using the dosage card where available.

1. Dosing information available in British National Formulary (BNF), BNF for Children (BNFC), and Martindale: The Complete Drug Reference can be accessed quickly using the dosage card beneath the search bar.
2. For example, searching for 'Adalimumab' will display a dosage card at the top of the results page.
3. Click on the 'Expand' button to view dosage information.
4. Easily toggle between dosing information in BNF, BNFC, or Martindale: The Complete Drug Reference.
5. Any unsubscribed publications feature a padlock icon.
6. Click 'Read more' at the top of the dosage card to navigate to each of the specific publications, for instance, BNF.

The screenshot shows the MedicinesComplete interface. At the top, there is a search bar with 'Adalimumab' entered. Below the search bar, the results are displayed. On the left, there is a 'Filter Results' sidebar with options like 'All Publications 2014 Results', 'Agilio: Diagnosis and Treatment Guidance 21 Results', 'AHFS Drug Information 218 Results', and 'ASHP Injectable Drug Information 16 Results'. The main content area shows 'Search results for *Adalimumab*'. A 'Dosage' card is expanded, showing 'Plaque psoriasis (initiated by a specialist) By subcutaneous injection'. The dosage information for 'Adult' is: 'Initially 80 mg, then 40 mg every 2 weeks, to be started 1 week after initial dose, review treatment if no response within 16 weeks—consult product literature.' The card also has 'BNF', 'BNFC', and a padlock icon. A 'Close' button and a 'Read more >' button are visible on the right side of the card.

The MedicinesComplete homepage features a range of clinical calculators to support your practice, including basic measurement calculations and calculators for biochemical parameters such as creatinine clearance.

	Albumin:Creatinine Ratio		Creatinine Clearance
	Body Mass Index		Imperial-Metric Calculations
	Body Surface Area		Pregnancy Due Date
	CKD-EPI		



# How to use MedicinesComplete publications

## Introduction to publications

Each publication has a homepage that allows you to browse the different types of content. Many publications organise content with detailed monographs on the drug, excipient, or herb.

There is also a wealth of additional information specific to each publication, such as treatment summaries and subject matter guidance. A publication's page can be accessed from the MedicinesComplete homepage or via the shortcut icons at the top right of any search results page.

- |   |  |
|---|--|
|  <b>BNF</b> British National Formulary |  <b>Martindale: The Complete Drug Reference</b> |
|  <b>BNFC</b> BNF for Children         |  <b>Martindale's ADR Checker</b>               |
|  <b>Critical Illness</b>             |  <b>Stockley's Drug Interactions</b>          |
|  <b>Palliative Care Formulary</b>    |  <b>Stockley's Interactions Checker</b>       |



BNF

BNFC

## British National Formulary (BNF) and BNF for Children (BNFC)

The navigation across both **BNF** and **BNFC** is the same. This example focuses on searching for information about 'Abacavir' in **BNFC**. As mentioned in 'How to navigate MedicinesComplete', there are multiple ways to search for drug information. In this example, the 'Using the homepage' method is followed.

### Quick tip

To return to the MedicinesComplete homepage at any time, click on the MedicinesComplete logo in the top left corner.

1. Scroll down the homepage to 'Browse our publications' and click on '**BNFC**'.
2. Click on 'Drugs' to view an A-Z of drugs. These can be filtered by drug name or drug class.
3. Click on 'Abacavir' to be taken to the drug monograph and use the subsections in the left-hand panel to navigate to the information required.
4. For instance, click on 'Allergy and cross-sensitivity' to view any relevant information.
5. Click on 'Related content' in the top left panel to bring up other references to 'Abacavir' in all publications.
6. To return to the **BNFC** page, click your browser 'Back' button.

### Evidence grading

Note that recommendations in **BNF** and **BNFC** have been evidence graded to reflect the strength of the recommendation. This helps support clinical decision making. Use the 'Evidence grading' toggle at the top of the page to highlight evidence-graded recommendations within the content page. Hover your cursor over the evidence grading symbol 'M' to see the level of evidence. If you would like further information about this, you can click on the 'M' symbol to be taken to a separate page with details about the grading system used in **BNF** and **BNFC** publications.



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## Stockley's Drug Interactions

If you type more than one drug into the search bar, this will automatically search for drug interactions. You can search by a single drug or by a drug group by name. In this example, we will focus on the drugs 'Apixaban' and 'Verapamil':

1. Enter 'Apixaban' and 'Verapamil' into 'Search all publications'. This will look for interactions between the two drugs.
2. Your search results will be listed. Select the publications dropdown menu to the right of your search term and select **Stockley's Drug Interactions**.
3. Note there are two options to choose from in the results: 'Specific interactions' results feature the exact term searched for and 'General interactions' results include related results for the term searched for.
4. To view an interactions monograph, click 'Activated factor...' under 'Specific interactions'. An interactions monograph contains a summary as well as detailed information on the clinical evidence, mechanism, and importance and management, as well as references (described below).
5. Use your browser 'Back' button to return to the search results page.

The screenshot shows the Medicines Complete search interface. At the top, the search bar contains 'Apixaban Verapamil'. Below the search bar, there are several filter options in a sidebar:

- Stockley's Drug Interactions (9 Results) - Full Text
- All Publications (274 Results)
- Agilia: Diagnosis and Treatment Guidance (13 Results)
- AHFS Drug Information (12 Results)

The main content area displays the search results for 'Apixaban', 'Verapamil'. It shows 'Interactions results for "Apixaban", "Verapamil". Results 1 - 2 of 2, sorted with best match first.' Below this, there are two sections:

- Specific interactions**: Activated factor X inhibitors + Calcium-channel blockers; Diltiazem or Verapamil Interaction
- General interactions**: Activated factor X inhibitors; Apixaban + CYP3A4 and/or P-glycoprotein inhibitors Interaction

There is a 'Feedback' button on the right side of the results area.



## Interactions monographs

These are presented as follows:

### Summary

Summary of the interaction in a blue box at the top of each monograph.

### Clinical evidence

Supporting primary literature used to describe the evidence behind an interaction.

### Mechanism

Interaction mechanisms explained based on the knowledge of our expert editorial team.

### Importance and management

Clear, practical, and evidence-based recommendations on how to manage an interaction.

### References

Every Stockley's Drug Interactions monograph is fully referenced here.

Subsections	Related Content
	<a href="#">Clinical evidence</a>
	Mechanism
	Importance and management
	References



## Stockley's Interactions Checker

This point-of-need tool allows you to enter an unlimited number of drug names/drug groups in the search bar. This is useful for quickly identifying potential interactions in patients on many different medications. In this example, we will check for potential interactions between the substances 'Apixaban', 'Verapamil', 'Simvastatin' and 'Grapefruit':

1. Click the **Stockley's Interactions Checker** icon on the homepage below the search bar.
2. Note there are two different search filters: 'Drug interactions' and 'Food, drink and smoking interactions'. The latter offers checks on how these three key external factors may impact on drug interactions.
3. Using the 'Drug interactions' filter, begin to type out 'Apixaban', 'Verapamil', 'Simvastatin', and 'Grapefruit'. For each, select the word in the search results to confirm its inclusion in the search. Once complete, click on 'Search'.
4. Interactions are ordered and ranked by symbol.
5. Each box displays an interaction between two substances with an explanation of what can occur and what action to take. This also includes a quick visual representation of the evidence, action, and severity.
6. Click on the link at the bottom of each interaction box to go to **Stockley's Drug Interactions** for full information.

The screenshot shows the 'Medicines Complete' interface. At the top, there is a search bar with the text 'Search Stockley's Drug Interacti' and several icons. Below the search bar, it says '6 results for: apixaban – verapamil – simvastatin – grapefruit'. On the left, there is a 'Filter by warnings' section with four options: 'Show all warnings 6 Results', 'A life-threatening or contraindicated combination 1 Results', 'Dosage adjustment or close monitoring is needed 1 Results', and 'No interaction, or no interaction of clinical significance 4 Results'. The main content area shows a result for 'simvastatin systemic' and 'grapefruit systemic'. The 'Explanation' states: 'Large amounts of grapefruit juice (very) markedly increase simvastatin exposure. Smaller amounts and separating administration by 12 hours reduces this effect. A case report describes rhabdomyolysis in a patient taking simvastatin after starting to eat grapefruit.' The 'Action' is: 'Avoid concurrent use of grapefruit juice (UK and US). Bear the possibility of an interaction in mind when eating grapefruit.' Below this, it shows 'Severity: Severe', 'Action: Avoid', and 'Evidence: Study'. At the bottom, there is a link: 'For full information, see Stockley's Drug Interactions'. A 'Feedback' button is visible on the right side of the result box.



## Symbol guide

**Red X:** Avoid

**Yellow exclamation mark:** Take action; usually monitor or adjust dose.

**Purple question mark:** Something may happen; take care.

**Green tick:** No interaction or interaction is not clinically relevant.

### Filter by warnings

	<b>Show all warnings</b> 6 Results
	<b>A life-threatening or contraindicated combination</b> 1 Results
	<b>Dosage adjustment or close monitoring is needed</b> 1 Results
	<b>Give guidance about possible adverse effects and/or consider some monitoring</b> 2 Results
	<b>No interaction, or no interaction of clinical significance</b> 4 Results



### Instant insight

Unlike **Stockley's Drug Interactions**, which provides information in an interaction monograph covering an entire group of drugs, all results in **Stockley's Interactions Checker** are for individual substances (for example a drug and a drug).



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## Martindale's ADR Checker

**Martindale's ADR Checker** provides the ability to search by an extensive number of drugs, search across a drug group, by adverse drug reaction, or by the body system of the reaction (such as cardiovascular system). In this example, we will search by drug:

1. Click on **Martindale's ADR Checker** on the homepage.
2. Type in 'Sertraline' in the search bar of **Martindale's ADR Checker** and select the name in the search results to confirm before clicking on 'Search'.
3. Results are summarised in a table ordered by the frequency of the reaction, showing the drug, adverse drug reaction, route, and a management summary.
4. Adverse drug reactions that are severe and may result in patient harm are identified with a red symbol and are displayed first regardless of their frequency.
5. For further details on the adverse drug reaction, click on the 'For further information' link in the result to view in-depth information in **Martindale: The Complete Drug Reference**.

The screenshot shows the 'Medicines Complete' website interface. At the top, there is a search bar labeled 'Search All Publications' and several navigation icons. Below the search bar, the 'Martindale's ADR Checker' section is active, displaying 'ADR messages for: Sertraline'. A filter icon is visible on the left. The main content is a table with the following structure:

Drug	ADR	Frequency	Route	Management Summary
Sertraline	Suicidal Behaviour 	Uncommon	Oral	<p><b>Seek specialist advice</b></p> <p>Seek specialist advice - may occur during or early after treatment discontinuation; monitor carefully for suicidal symptoms. Suicide-related behaviours (self-injurious behaviour, suicide attempts and thoughts), and hostility (e.g. aggression) can occur; there is an increased risk in those under 25 years.</p> <p> For further information, see <a href="#">Suicidal behaviour</a>.</p>
Sertraline	Suicidal Ideation 	Uncommon	Oral	<p><b>Seek specialist advice</b></p> <p>Seek specialist advice - may occur during or early after treatment discontinuation; monitor carefully for suicidal symptoms. Suicide-related behaviours (self-injurious behaviour, suicide attempts and thoughts), and hostility (e.g. aggression) can occur; there is an increased risk in those under 25 years.</p>

A 'Feedback' button is visible on the right side of the table.



### Instant insight

The terms used to define adverse drug reactions have been standardised using a consistent terminology, which offers enhanced search functionality. For example, if you start typing 'Loose stools', the checker will auto-suggest the synonymous term 'Diarrhoea'.



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## Martindale: The Complete Drug Reference

The drug monographs in **Martindale: The Complete Drug Reference** contain detailed international drug information covering nomenclature, uses, administration, precautions, and adverse effects. There are also links to preparations information comprising information for over 200,000 products available from over 21,000 manufacturers.

You can find the preparations listed within each individual drug monograph and search for them by a specific country. In this example, we will be searching for information on 'Esketamine':

1. Scroll down to **Martindale: The Complete Drug Reference** in the publications list and type in 'Esketamine' in the search bar.
2. Navigate to the drug monograph 'Esketamine hydrochloride' by clicking on the first result.
3. The 'Drug nomenclature' box contains synonyms, official names, molecular weight, international identifiers such as ATC and CAS, and more, as well as summaries from multi-territory pharmacopoeias where available.
4. Use the left-hand panel to view other subsections covering Uses and administration, Adverse effects and Precautions, Interactions, and Pharmacokinetics.
5. Click on 'Pharmacokinetics' to view a link to the 'Ketamine' monograph.
6. Click on 'Preparations' in the panel to view the brand names of products used in up to nearly 50 countries.
7. Select the country of your choice to view the products available in that country. The preparations database also includes products that have been discontinued or are no longer actively marketed. These preparations are identified using a symbol, if you select UK the symbol appears alongside 'Vesierra'.
8. Each preparation contains a list of active ingredients and links to the relevant drug monographs, as well as the manufacturer and licensed indications for use. This is particularly useful for identifying the ingredients of international branded products and selecting a suitable alternative for your patient.

The screenshot shows the 'Medicines Complete' website interface. The search bar contains 'Esketamine Hydrochloride'. The main content area is titled 'Pharmacokinetics' with a sub-note '(Latest modification: 19-Jul-2019)'. Below this, it states 'The pharmacokinetics of esketamine and racemic ketamine are very similar (see [link](#))'. A 'References' section lists three studies with links to PubMed. On the left, a sidebar menu shows various subsections, with 'Pharmacokinetics' and 'Preparations' highlighted.



### Instant insight

**Martindale: The Complete Drug Reference** also includes disease treatment reviews that offer evidence-based summaries from a range of sources to act as comparative management advice.



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## Palliative Care Formulary

**Palliative Care Formulary** provides unrivalled and expert drug information for health professionals when caring for adult patients facing progressive life-limiting diseases. It is primarily organised into drug monographs.

1. Scroll down to **Palliative Care Formulary** in the publications list, type 'Baclofen' in the search bar and click on 'Baclofen' in the results.
2. Use the left-hand panel to view key considerations for the drug monograph such as Indications, Dose and use, Undesirable effects, and more.
3. Click on the icon next to the **Palliative Care Formulary** title. This takes you to the **Palliative Care Formulary** homepage that features other useful resources including General topics, Routes of administration, and Appendices.
4. Click on 'Appendices' to view opioid dose conversion ratios and compatibility charts.
5. Press the back button and click on 'General topics' to view principles for prescribing in palliative care including prescribing for renal and hepatic impairment.
6. As part of your **Palliative Care Formulary** subscription, you also get access to PCF's Syringe Driver Database through **Drug Compatibility Checker**.
7. You may access [Drug Compatibility Checker here](#), or by using the link underneath the search bar on the MedicinesComplete homepage.

The screenshot shows the Medicines Complete website interface. At the top, there is a search bar with the text 'Search Palliative Care Formulary' and several utility icons. Below the search bar, the 'Palliative Care Formulary' section is highlighted, featuring a starburst icon and a sub-header 'Palliative Care Formulary' with a publication date of '10-Dec-24'. A brief description follows: 'The Palliative Care Formulary provides unrivalled and independent drug information for health professionals when caring for adult patients facing progressive life-limiting diseases and their care givers. This trusted source goes beyond standard drug reference works, empowering health professionals to select the right drugs and treatment regimens at the point of care to help improve quality of life.' Below this, a navigation menu is visible with 'Appendices' expanded to show three items: 'Appendix 1: Anaphylaxis', 'Appendix 2: Opioid dose conversion ratios', and 'Appendix 3: Compatibility charts'. A 'Feedback' button is located on the right side of the page.



### Instant insight

**Drug Compatibility Checker** is a unique tool, combining published data from **ASHP Injectable Drug Information** with clinical practice reports from PCF's Syringe Driver Database.



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## Critical Illness

The layout of **Critical Illness** is concise and accessible, making it easy to use for those needing to access knowledge at the point-of-need. In this example, we will focus on the drug 'Meropenem':

1. Scroll down to **Critical Illness** in the publications list, type 'Meropenem' in the search bar.
2. Within a **Critical Illness** monograph, subsections in the left-hand panel include Indications in critical illness, Administration, Dose adjustments, Pharmacology, Pharmacokinetics, and Important considerations for the critically ill.
3. The Dose adjustments section provides specific information to guide the dosing of patients in intensive care, such as those with acute kidney injury or receiving extra-corporeal membrane oxygenation.
4. The Pharmacokinetics section offers specific information on recognising the changes in parameters that occur during critical illness, such as volume of distribution compared to general medical patients.
5. Further detailed information can be found in the expanded rationale section, which provides clinical commentary and references back to the primary literature. It is located beneath Indications in critical illness.
6. Click on 'Important considerations for the critically ill' in the panel, which details interactions, side effects, and any other important considerations related to the drug's administration.
7. Links are provided to other **MedicinesComplete** publications for information and to external sources for further research where available.



### Instant insight

Information in **Critical Illness** is fully referenced. However, where recommendations are based on the clinical practice and consensus opinion of our expert editorial board, evidence grading is highlighted in the content as 'Expert opinion'.

The screenshot shows the MedicinesComplete interface for 'Meropenem' under the 'Critical Illness' section. The search bar contains 'Meropenem'. The navigation menu includes 'Subsections' and 'Related Content'. The main content area displays text: 'The needs of the individual patient must be considered; for example, a frail elderly patient with a low BMI will have a reduced volume of distribution as well as an age related reduced renal clearance, and therefore require a reduced dose to achieve the same serum concentration as a young healthy male. [E]'. Below this, it states: 'Beta-lactams may be delivered by continuous infusions in some institutions; the evidence for this is limited. Where evidence for using a continuous infusion for a specific beta-lactam antibiotic does exist, we provide dosing recommendations for both continuous infusions and short intermittent infusions or intravenous injection. In the absence of such evidence, local practice should be defined by the multidisciplinary team, which should include a microbiologist and clinical pharmacist. [E]'. At the bottom, it says 'For details on general use of meropenem [Expert opinion](#) [onol Formulary](#)'. A 'Feedback' button is visible on the right side.

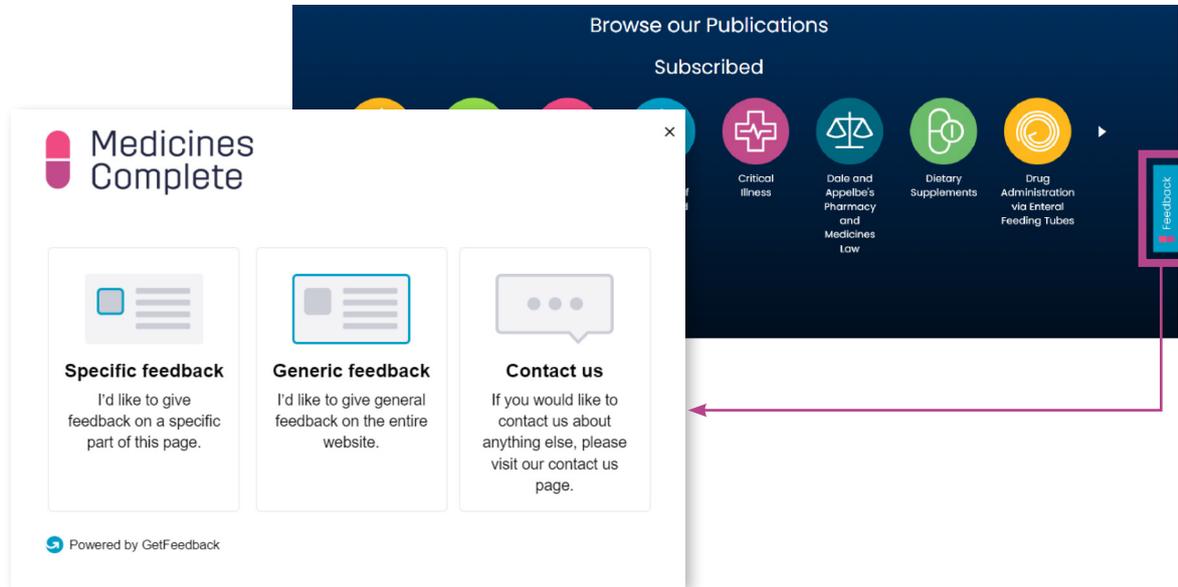


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