



Martindale: The Complete Drug Reference Resource Guide

Introduction

Martindale is a comprehensive and reliable reference source that contains information on drugs in clinical use worldwide. It also contains information on selected investigational and veterinary drugs, herbal medicines, pharmaceutical excipients, vitamins and nutritional agents, vaccines, radiopharmaceuticals, contrast media and diagnostic agents, medicinal gases, drugs of abuse and recreational drugs, toxic substances, disinfectants, and pesticides.

It also provides overviews of diseases and the drugs used in their treatment, along with key references. Cross-references are provided between disease reviews and relevant drug monographs.

New and updated information is added quarterly.

Information in Martindale is divided into 3 sections: **Drugs and ancillary substances** – monographs on drugs and groups of drugs that have similar uses or actions and disease treatment reviews; **Preparations** - proprietary preparations from a range of countries and regions; Directory of **manufacturers**.

Drug monographs

Each monograph begins with its title, followed by an expandable box on Drug Nomenclature including synonyms in English and other languages, as well as chemical and pharmaceutical information about the compound, including any pharmacopoeial standards (this information is not displayed until the box is expanded). This is followed by sections describing pharmacological and therapeutic information about the drug or substance. These would typically include: uses and administration, adverse effects, precautions (including information on use in pregnancy and breastfeeding where available), interactions, pharmacokinetics and preparations.

Sections begin with a summary, based on licensed product information and other high-quality validated sources. This may be followed by abstracts or referenced text expanding on particular points e.g. a particular indication or adverse effect.

How to Access

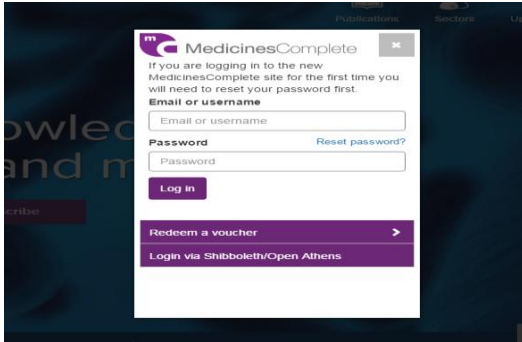
Accessing via Medicines Complete

- <https://www.medicinescomplete.com>
- If accessing via an NHS computer, then no password is required to access
- If accessing on a non-NHS linked device then Athens username and password are required to access



LOGIN

- Select
- Choose the 'Login via Shibboleth/Open Athens option



- Type 'nhs' and you will see a link for NES Knowledge Services – NHS Scotland – click on it.



Shibboleth. OpenAthens

SAMS Sigma Shibboleth Discovery Service

Which organization would you like to sign in with?

nhs

NES Knowledge Services Group - NHS Scotland

NHS England

NHS Wales e-Library

- Use Athens username and password to sign in

Accessing via Knowledge Network

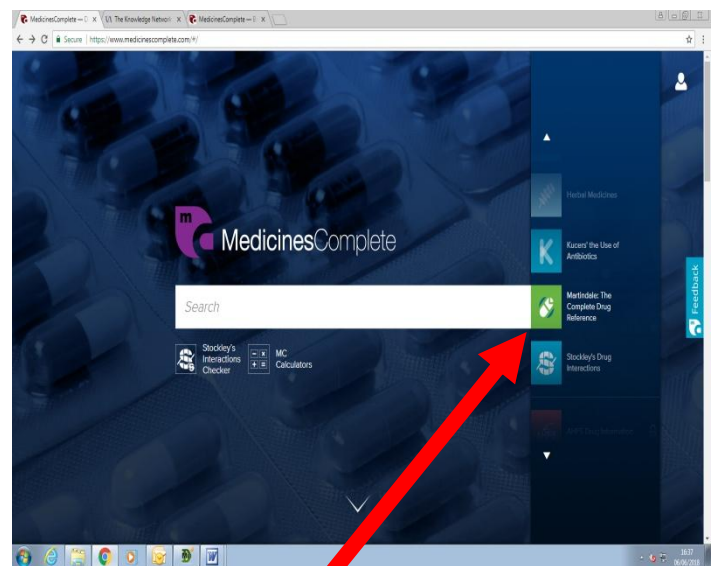
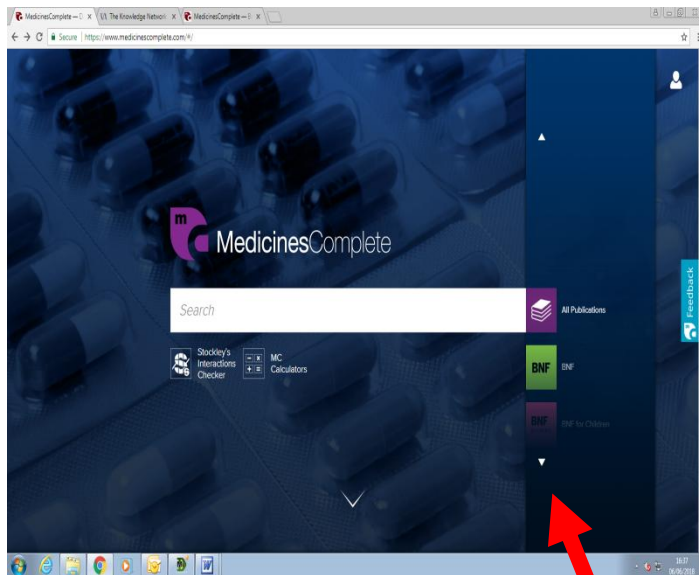
- www.knowledge.scot.nhs.uk
- Select Martindale in the Medicines Information Resources
- If accessing on a non-NHS linked device follow the instructions above

In the community pharmacy sector Martindale can also be accessed via Community Pharmacy Scotland on pharmacy premises.

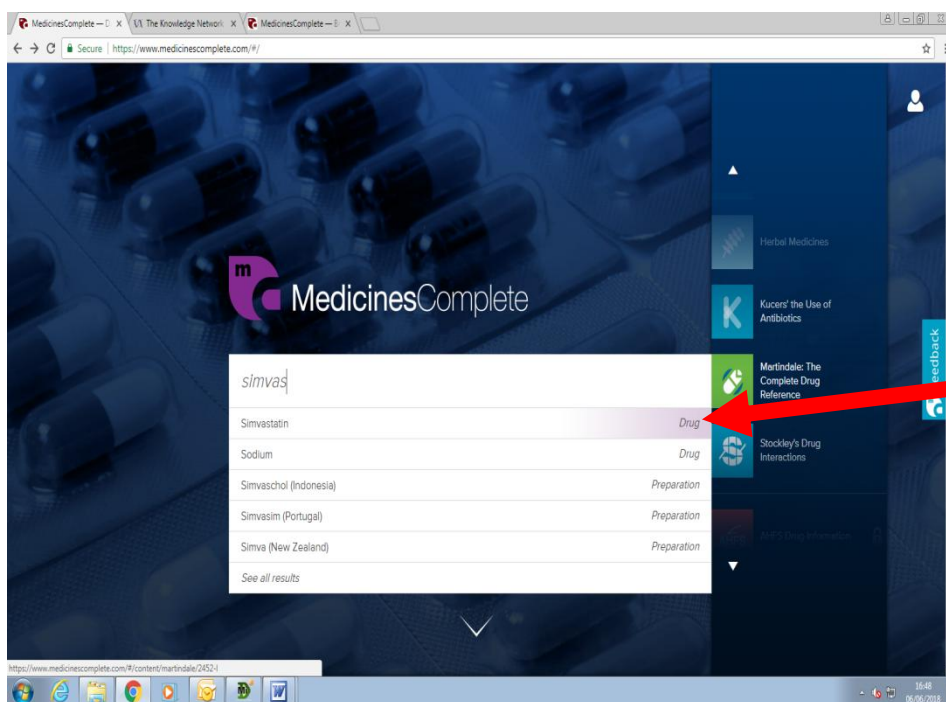
How to search

Depending on method used to access there are two initial methods to search –

1. If accessing directly via MedicinesComplete

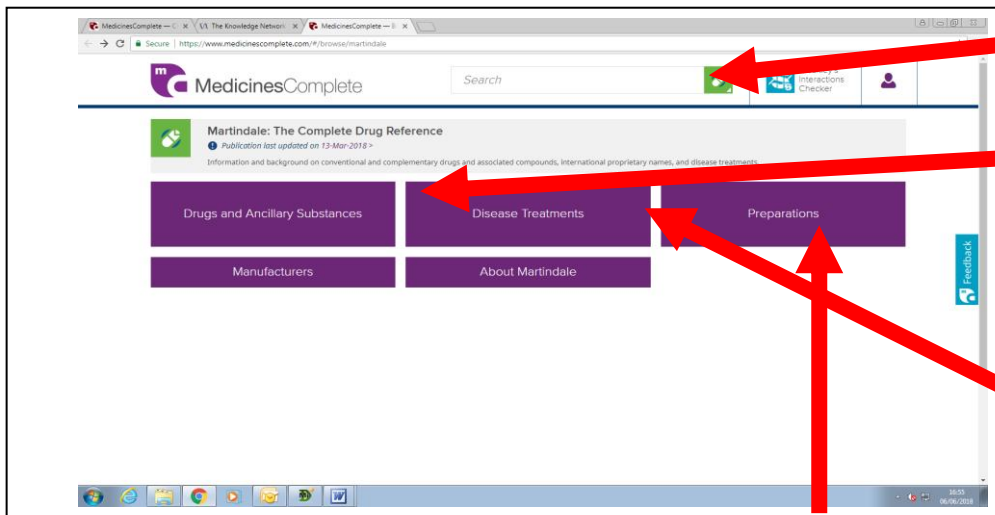


Scroll down to find Martindale and enter the required term in the search box



A drop down list will appear and the appropriate term should be selected i.e. if searching for a particular drug, select the one with the name and then 'Drug'

2. If accessing via Knowledge Network



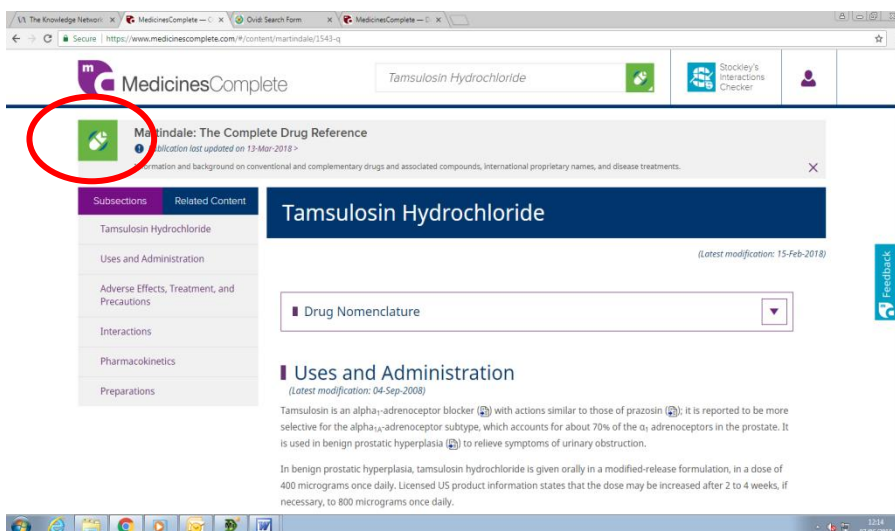
Enter the search term in the box at the top of the page

Alternatively there is the option to browse alphabetical lists of drugs either by therapeutic use or drug name

There is also an option to search an alphabetical list on the management of specific disease or conditions

Lists of individual preparations can also be browsed through, including foreign preparations and there is the option to browse by country as well as the preparation name

This page can also be reached by clicking on the Martindale logo at any time



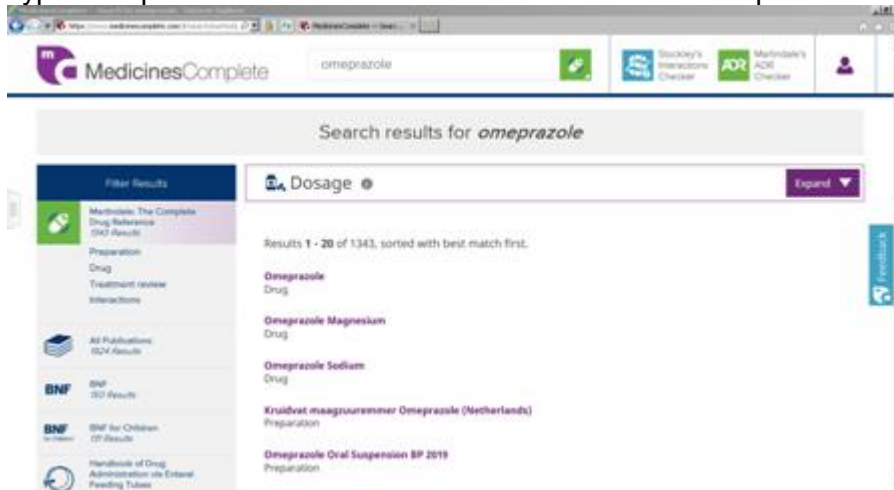
Search tips

- Search terms can be British non-proprietary names, international non-proprietary names, common synonyms, proprietary names, herbal medicines and selected food items and beverages
- Can also search by drug class or drug use e.g. 'Hormonal Contraceptives'
- Disease/condition terms can also be used to search

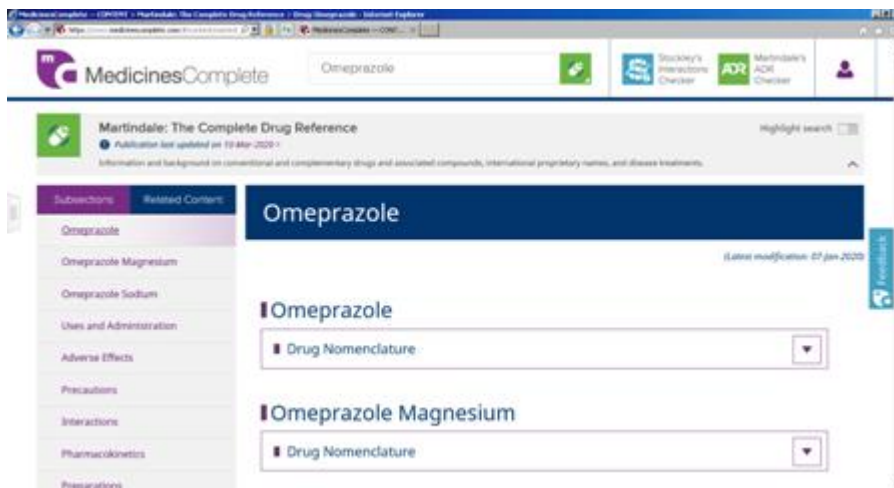
Examples

1) Does omeprazole have any haematological side effects?

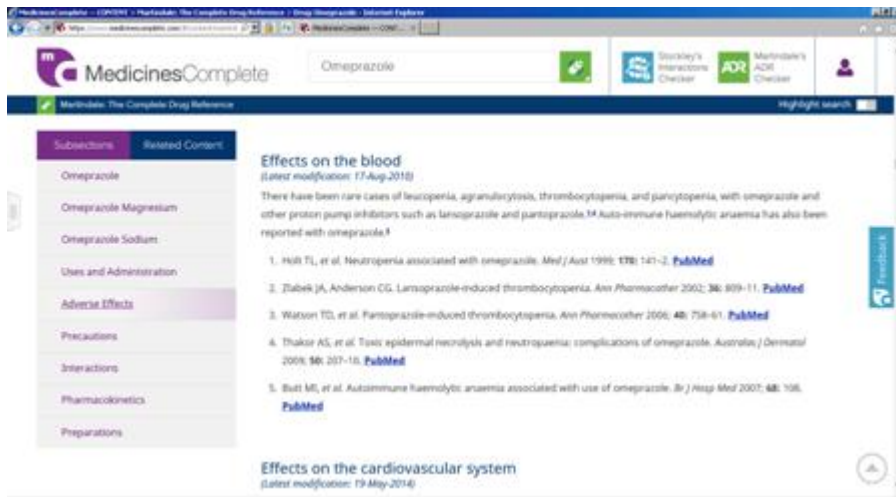
- Type 'omeprazole' into the search box and select the omeprazole drug term.



- The complete monograph can be viewed by slowly scrolling through it. Alternatively subsections of the monograph can be selected.



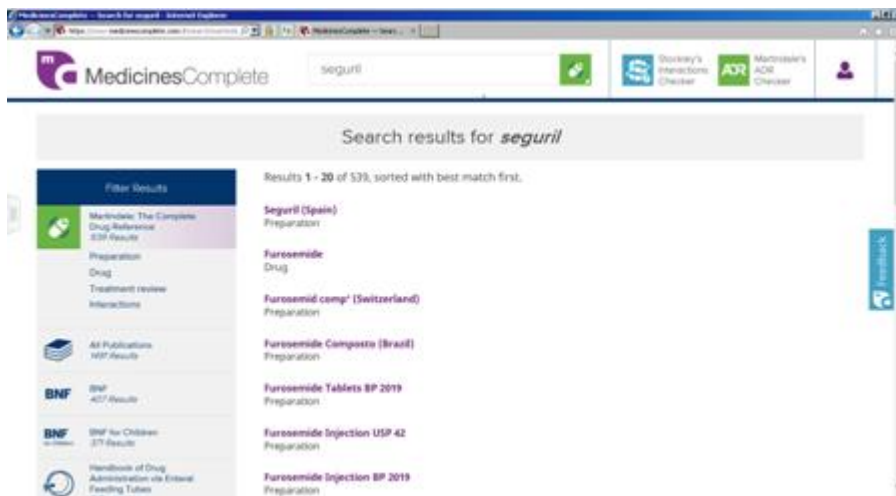
- Click on the hyperlink titled 'Adverse Effects'. Scroll down and there is a section for 'Effects on the blood'. This section describes some case reports.



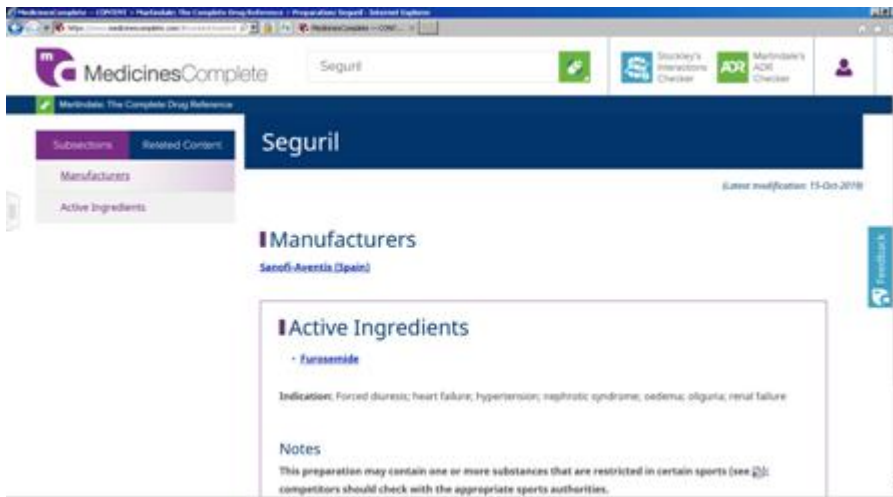
- There are five references with hyperlinks to enable access via PubMed (where available). These can also be obtained via the Knowledge Network (recommended option).
- There is also a general section on ADRs that should be looked at in addition to the individual subsection.
- There is a 'Related Content' tab on the left hand side of the screen which provides links information on omeprazole to other publications which may be of use depending on the question being answered (bear in mind not all of these resources may be available with subscription)

2) What is the British name for the Spanish medicine Seguril?

- Type 'seguril' into the search box



- From the drop down options select the 'Seguril (Spain) preparation' option



- Indicates that Seguril is furosemide from Spain manufactured by Sanofi Aventis.

Test Exercises

- 1) The BNF states that the manufacturer of rivaroxaban recommends that it should not be used in patients receiving concomitant voriconazole. Does Martindale give any further information?
- 2) A patient has read a magazine article about the use of Feverfew for migraine and is wanting to know if it is effective, and is safe with her usual medication (warfarin, clonidine, ibuprofen, paracetamol, prochlorperazine). Depending on your information she may approach her GP to discuss her options. What information is available regarding this drug in Martindale?
- 3) Is cyclophosphamide a potential treatment option for lupus nephritis?
- 4) GP has been asked to prescribe cyanocobalamin orally for one of his elderly patients to treat vitamin B12 deficiency, he thought it was only effective when given parenterally. What does Martindale say?