*e*MIMS PLUS

Users Guide

May 2023

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Section 1: Home Page Navigation

**The home page is divided into 5 key areas:**
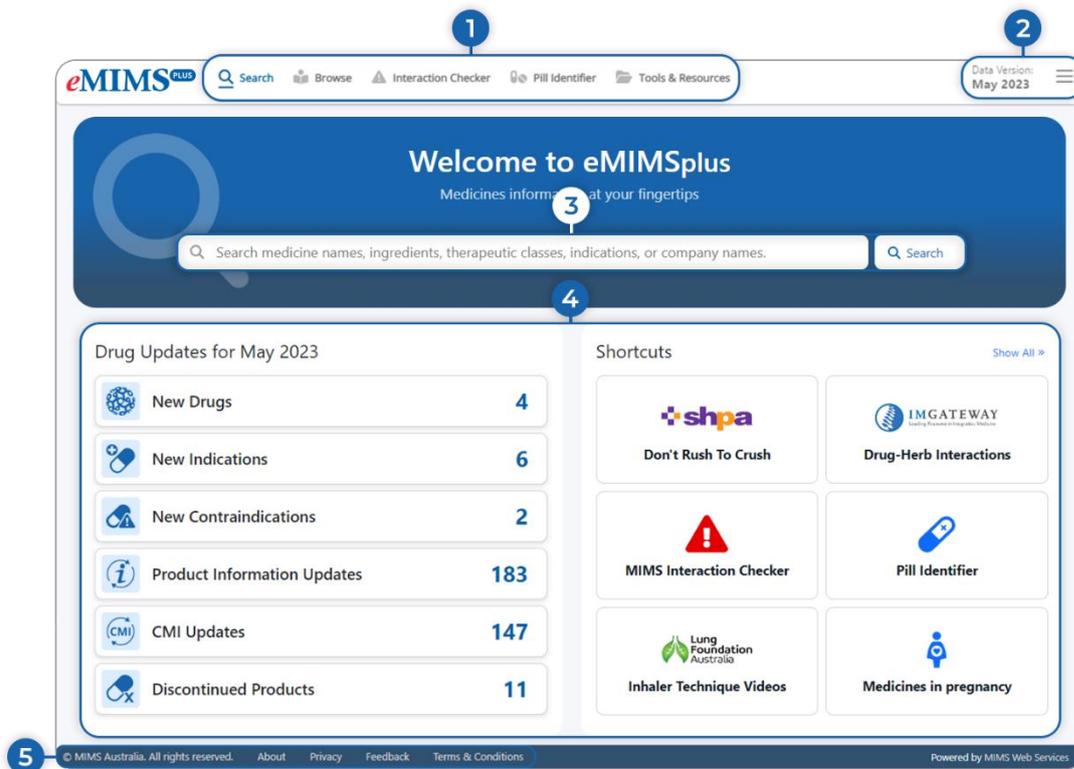
1. **Top left menu** – Navigation bar that contains shortcuts for "Search", "Browse", "Interaction Checker", "Pill Identifier", and "Tools and Resources".

2. **Top right menu** – Consists of "Data Version" and "Three-line icon" which contains admin tools, history of recent searches, and saved searches.

3. **Search box menu –** Allows entry of text to perform a simple search for medicine names, ingredients, therapeutic classes, indications, or company names.

4. **Middle menu** – Consists of "Drug Updates" of the current version and "Shortcuts" to Tools and Resources.

5. **Bottom menu**
   - **MIMS Australia. All rights reserved.** – Displays MIMS copyright statement.
   - ©**About MIMS** – Opens the eMIMSplus Website.
   - **Privacy** – Displays the MIMS privacy policy.
   - **Feedback** – Opens up a form for feedback, suggestions, or comments.
   - **Terms & Conditions** – displays terms and conditions of use of the eMIMSplus website and product.

Section 2: Search

eMIMSplus provides a wide variety of medicines information that can be found using its search feature.

There are two ways to start the Search:
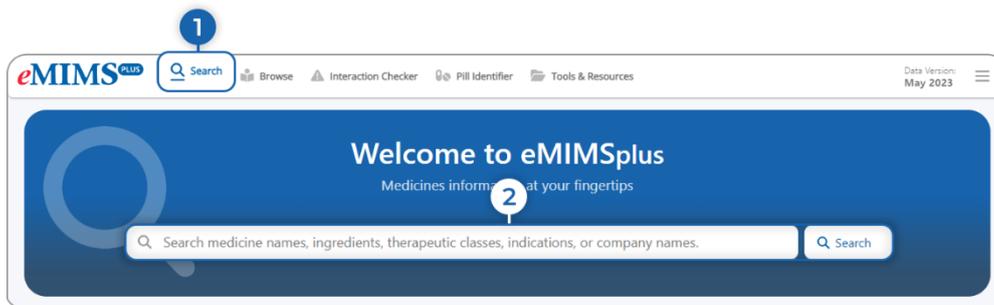
1.   "Search" in the navigation bar on the top left menu OR
2.   Use the search box on the homepage to begin a drug search.

To get started with the drug search:

1.   Enter the first few letters of a product brand name, generic name/ingredient, indication, or therapeutic class and select from the drop-down list e.g., Los (the first three characters will show search suggestions)
        OR
     Enter keyword (s) in the search box such as product name e.g., Losartan.

2.   Choose from the drop-down search suggestion.

3.   Click on Search.

Note: You can also search by Indication, Therapeutic Class, OR Manufacturer in the product information search. You can also search by a generic synonym e.g., "Albuterol" and will give results on "Salbutamol" which is the same.

The Product Information results appear showing the information below:

MIMS Search Results

Search Results for 'Losartan potassium'

Showing results 1 to 2 of 2 total results.

1. **Cozaar Tablets**
2. **Losartan potassium**
3. [Organon Pharma Pty Ltd]

Use: ARB. Hypertension (± other antihypertensives eg thiazide diuretics); renal disease progression delay in hypertensive type 2 diabetes with proteinuria (urinary albumin:creatinine ≥ 300 mg/g)

Dose: ± Usual initial, maintenance dose: 50 mg once daily; consider 25 mg twice daily before dose incr if response inadequate; max 100 mg/day in 1 or 2 doses
Volume depletion: initially 25 mg once daily
Hepatic impairment history: consider decr dose

MIMS Class: Antihypertensive agents 4
Product Images: 952
Cozaar 50 mg

5. Abbreviated PI | Full PI | CMI | Crush? | Drug Interactions | Herbal Interactions

1. Clicking on the brand name will display the Full PI, Abbreviated PI, CMI, and Crush information (when available) according to the default navigation option set in the preferences.

2. Use this link to find other products containing the same generic ingredient.

3. Click to display the manufacturer details, including a list of all their products, address, and contact details.

4. Use this link to find products in the same therapeutic class.

5. Select 'Abbreviated PI', 'Full PI', 'CMI ', 'Crush?', 'Drug Interactions', and 'Herbal Interactions.

When the product name is selected, the Product information page will show the following:
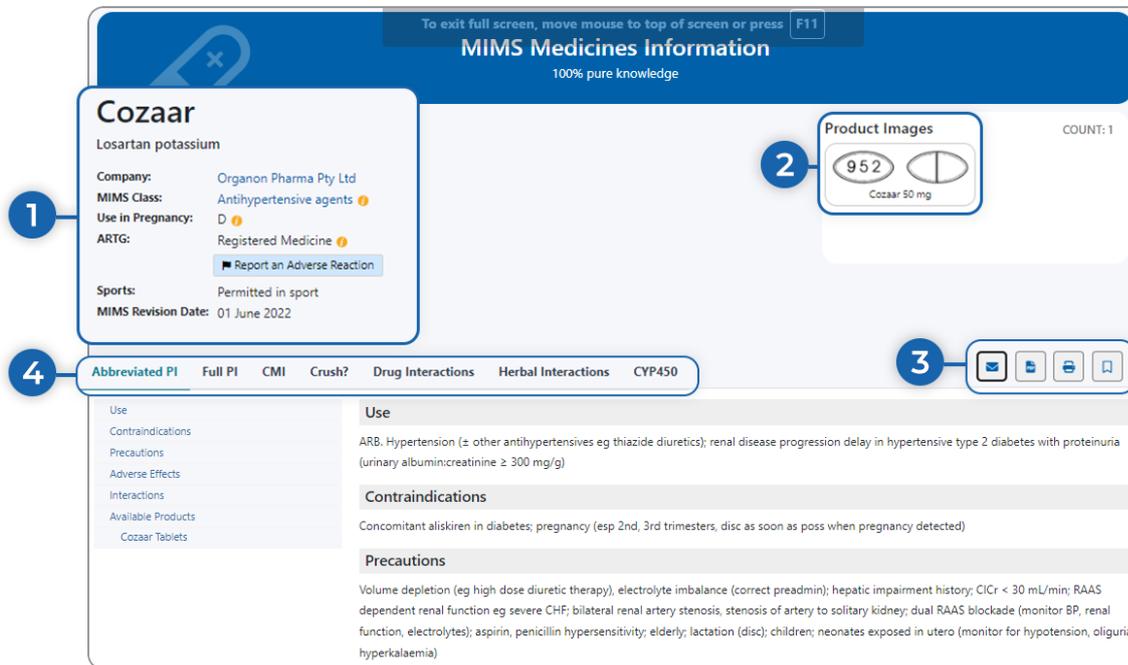

1. The Brand name, Generic name, Manufacturer, Therapeutic Class, Pregnancy category, ARTG (with an available hyperlink to "Report an Adverse Reaction"), Use in Sports, and MIMS Revision Date.

2. This page also shows the product image (when available).

3. You can also find helpful features such as:

   - **"Email"** – clicking the email will launch a new Send Email Dialog box. This allows you to send the PDF as an attachment to your patients without sending your email details.

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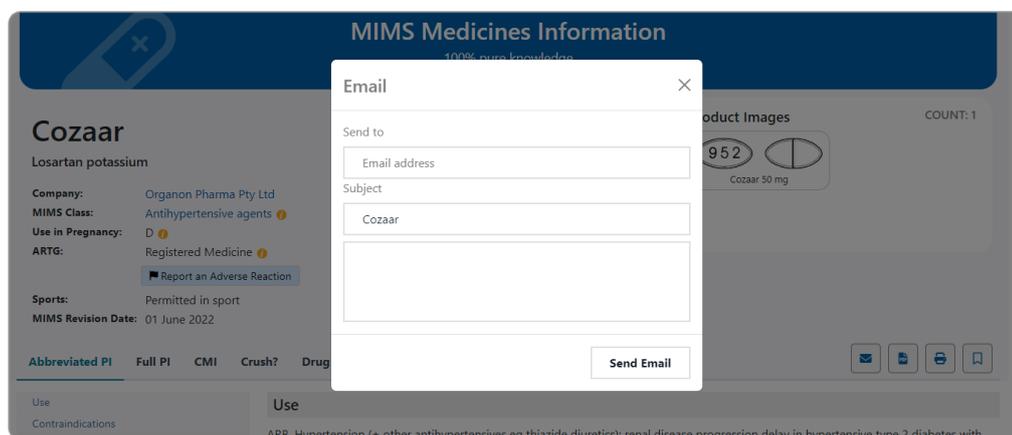
- **"PDF"** – the document will automatically convert into a PDF file.
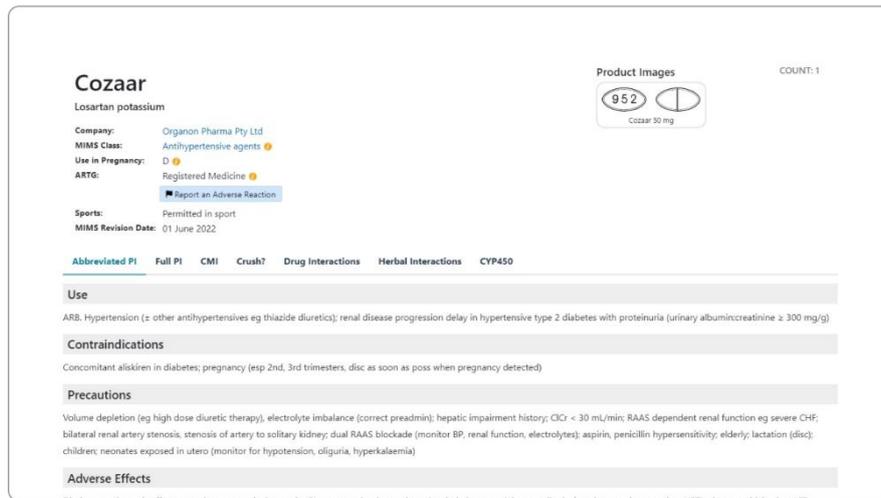
- **"Print"** – will prepare the document for printing.
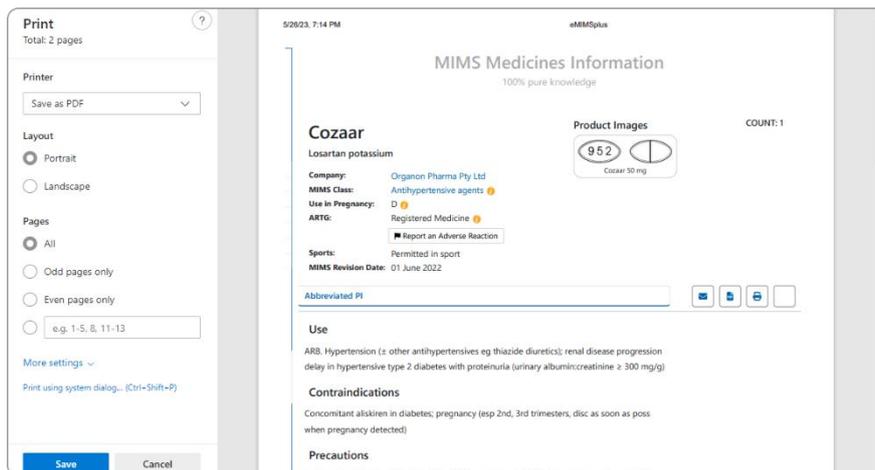
- **"Bookmark"** – This will allow you to save a particular drug search as a favourite (Refer to the Three-line icon on the top right menu of the homepage).

4. The Product Information page is also presented with the following information.

- **Abbreviated Product Information** which includes uses, precautions, adverse effects, and available products with dosage.

- **Full Product Information** that includes qualitative and quantitative composition, pharmaceutical form, clinical particulars, pharmacological properties & particulars, medicine schedule, table of changes, and dates of approval

- **Consumer Medicine Information** (CMI) – A written product information with instructions specifically for Consumers and approved by the TGA.

- **Don't Rush to Crush** - 'Crush?' is SHPA's Don't Rush to Crush (DRTC) guide for the safe administration of medicines and is linked to available products.

- **Drug Interactions -** Identify potentially harmful combinations of medications or medications that may be unsuitable due to an allergy.

- **Herbal Interactions (IM Gateway)** - is an evidence-based clinical decision support module providing clinically proven drug and herb interactions.
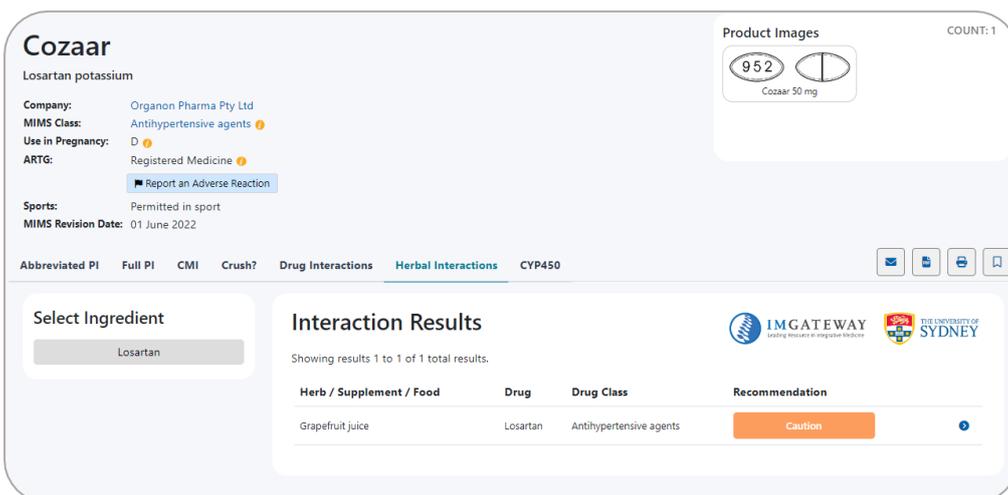
- **CYP450** – information that describes the interactions of a drug in terms of effects on cytochrome P450 isoenzymes - either because the drug in question or the drug with which it may interact is a substrate for, induces, or inhibits those enzymes.

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Section 3: Drug Updates

This feature helps the users access monthly updates collated by the MIMS team. Upon logging in to the platform, the drug updates section highlights the number of updates added to the specific month of activity.

Clicking on the tabs will show you the information available for each update.

The above image shows an example of the "Drug Updates" for the May 2023 version. The "Drug Updates" section shows the following:

- **New Drugs** – new drugs added to the most current data version.
- **New Indications** – new indications added to the most current data version.
- **New Contraindications** – new contraindications added to the most current version.
- **Product Information Updates** – updates on pre-existing medicines.
- **CMI Updates** – updates on pre-existing consumer medicines information.
- **Discontinued Products** – products that have been deleted in the most current update.

Section 4: Pill Identifier

eMIMSplus offers a database of pill images that can be searched using the pill identifier tool.

From the homepage, select the tab "Pill Identifier" from the navigation bar at the top left menu.
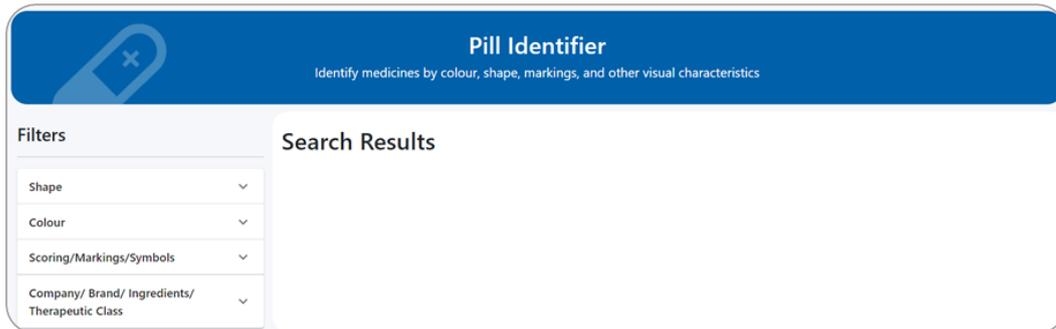
Once you have accessed the "Pill Identifier" screen for Pill ID you can search by following these steps:

Select a **Shape, Colour, Scoring, Form, Class,** or **Company** from the drop-down menu Enter a key word/s into the Marking search box.

By Shape:

Click the required shape to show all results of the chosen shape. One or more shapes can be selected for this field.

By Colour

Core Colour is the preferred field for a colour search as it allows for a broader degree of subjectivity. One or more core colours may be selected.

By Scoring/Marking/Symbols

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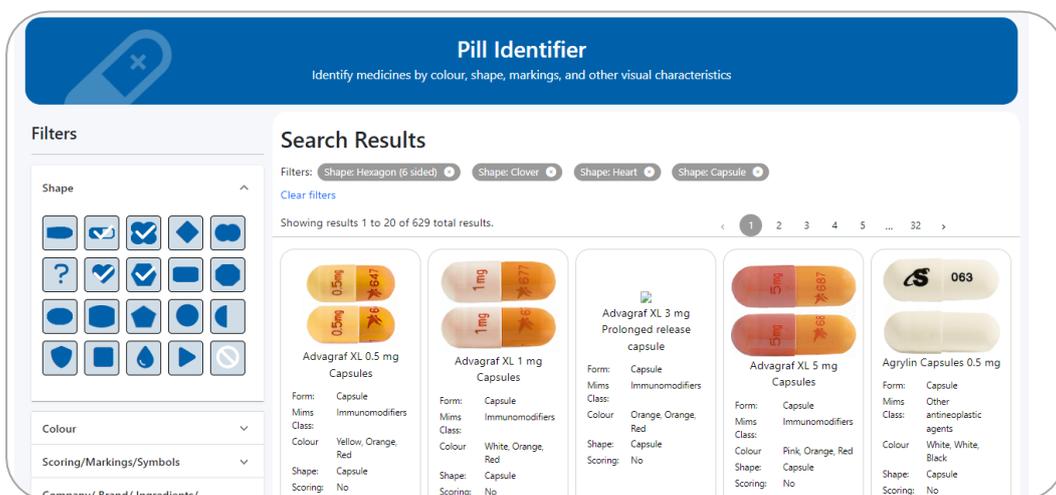
1. In the "Scoring", select if there is scoring and ✕ if none
2. Click on the Symbol relevant to the search
3. For a broader search, click the arrow in the "Marking" box and choose from the drop-down selection

By Company/ Brand/ Ingredient/ Therapeutic Class

Type the Company Name, Brand Ingredient, or Therapeutic Class to show search results.

Section 5: Interactions Checker

This feature allows the user to identify potentially harmful combinations of medications or medications unsuitable due to an allergy.

MIMS Drug Interactions is one of MIMS' Clinical Support Modules. The Drug Interactions information is compiled by a team of editors after an exhaustive review process, including ongoing searches of primary international literature, ADR bulletins, periodicals, and supporting literature associated with new products.

MIMS Drug Interactions are presented with the following information:

- **Medicine in search**
- **Route of administration**
- **Interacting medicine**
- **Severity level**
- **Documentation level**

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There are two ways to start using the "Interactions Checker":
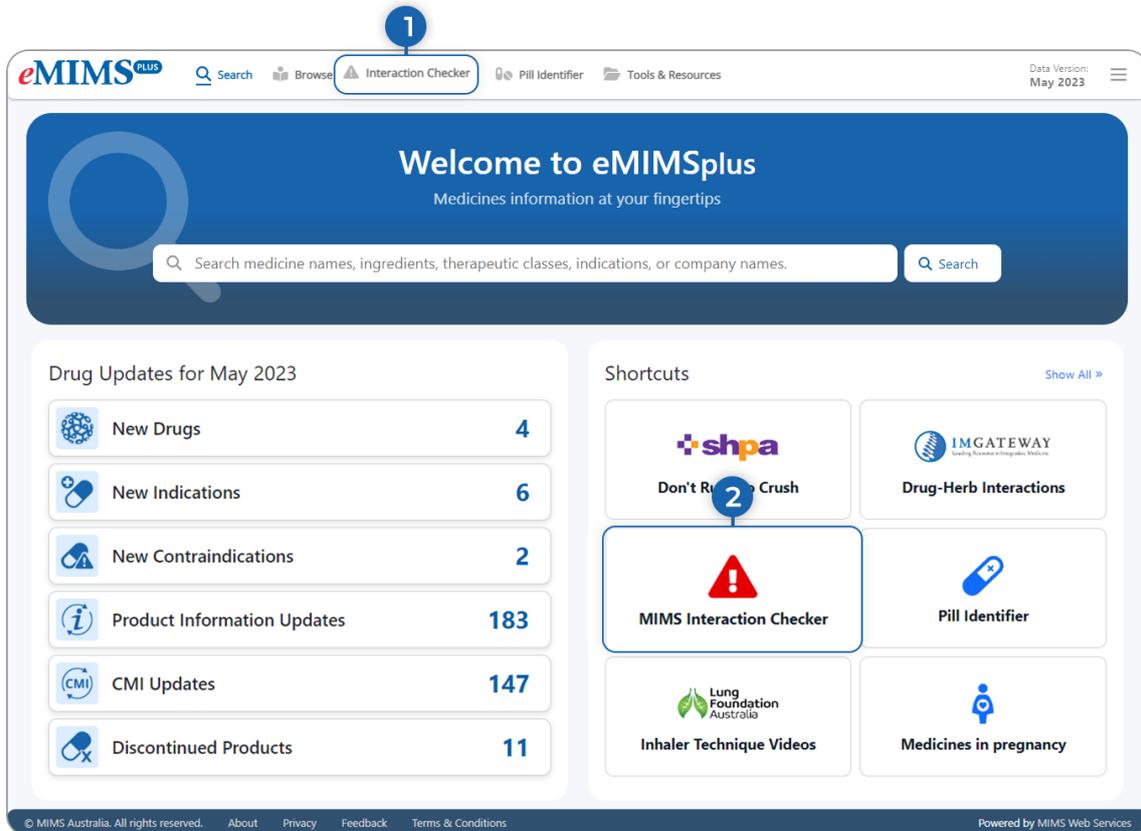
1. Click the "Interaction Checker" in the navigation bar at the top left menu OR
2. Go to Shortcuts and select "MIMS Interaction Checker".

To conduct a drug interaction check, follow these steps:
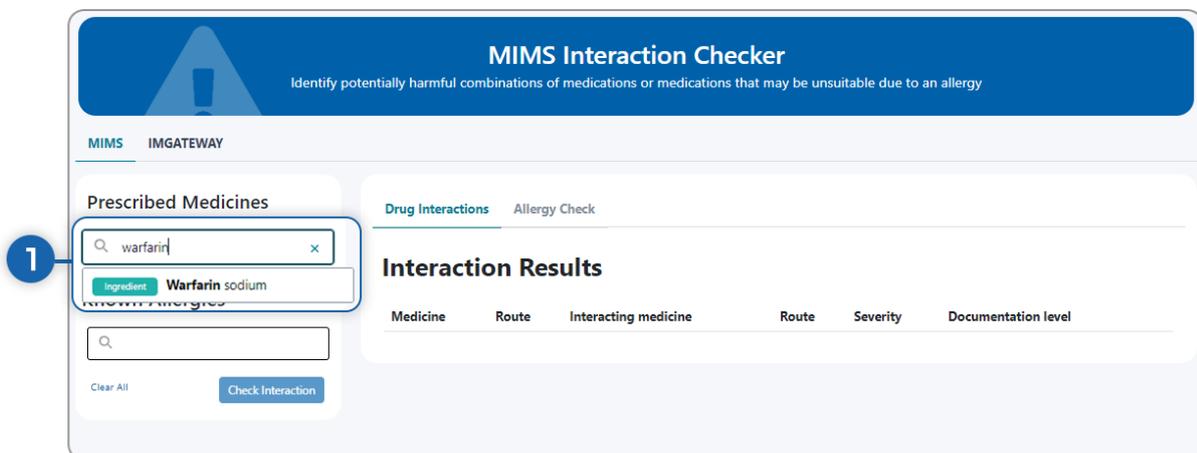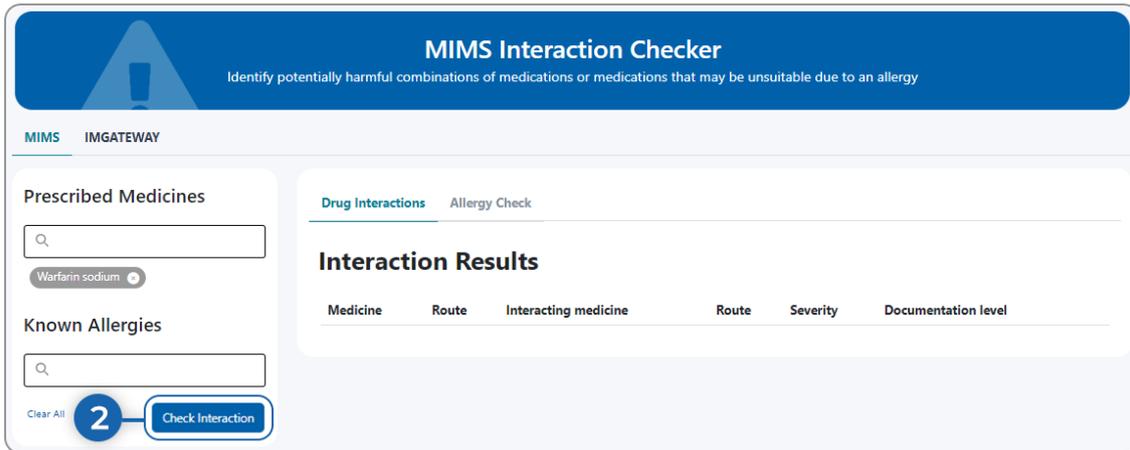
1. Type the name of the medicine by brand or generic molecule in the search box and select from the drop-down menu e.g., Warfarin.

2. Click the" Check Interaction" tab and the interaction search results will display all molecules that are known to cause an interaction with the medicine/s you entered.
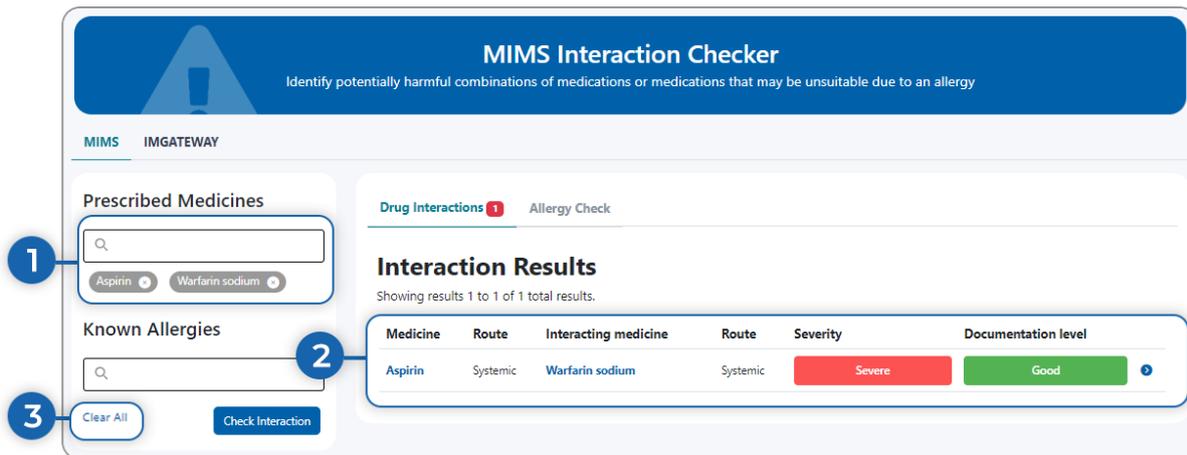
3. To add more drugs for a more specific search, type another drug on the search box and select from the drop-down menu eg. Aspirin (Warfarin + Aspirin).

4. The interaction search results displayed are for all molecules that are known to cause an interaction with the medicine(s) you entered molecules of interest.

5. Click "Clear All" to clear all fields and begin with a new interaction search.

Section 6: Browse

The "Browse" function allows you to search for medicines by "Brand Name" or "Generic Name" in alphabetical order or by "Therapeutic Class". Click on "Browse" in the top left menu to access this feature.
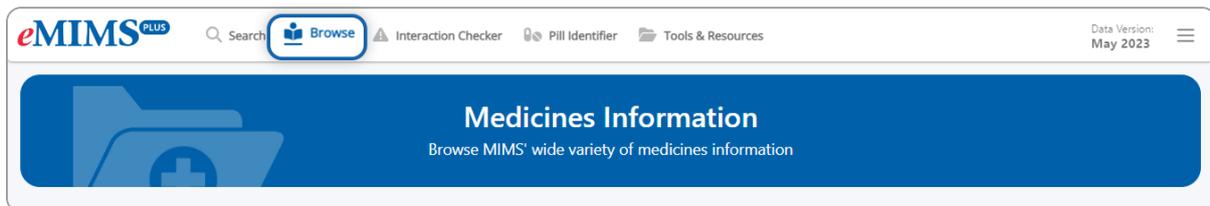
Browse by Brand

1. Click on the "Brands" tab.

2. Click on the first letter of the required name.

3. Click on the "Brand Name" of choice to display product information.

4. Click on the page number on the top right to view the list of products on that search page or click on arrows to go to any page other than the one you are viewing.
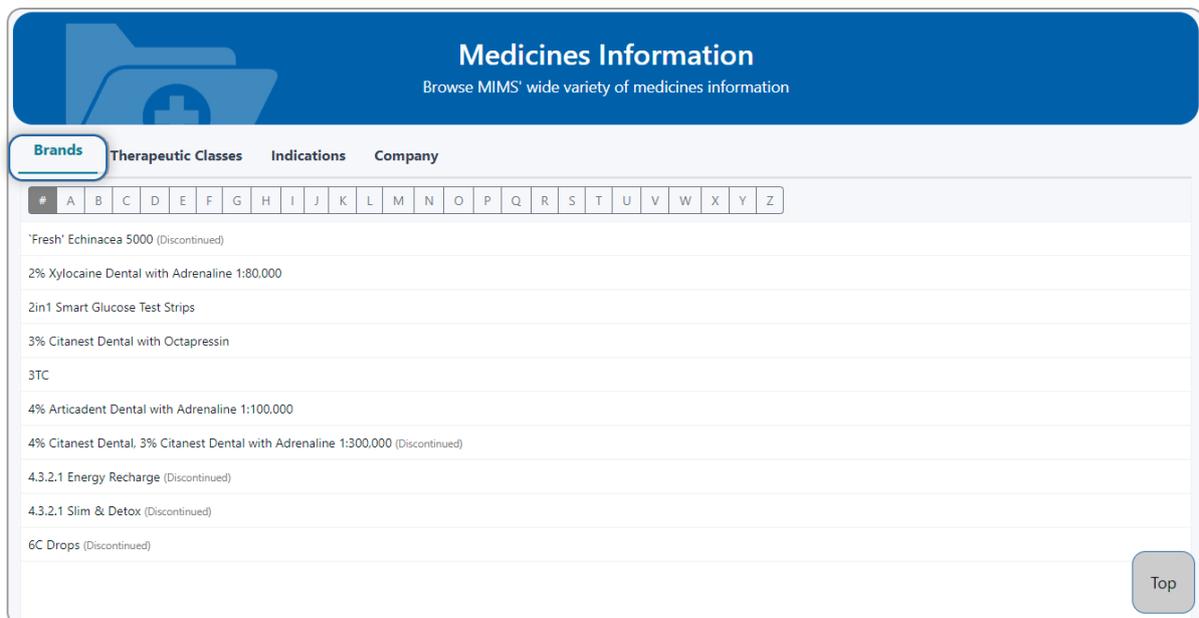
Browse by Therapeutic Class
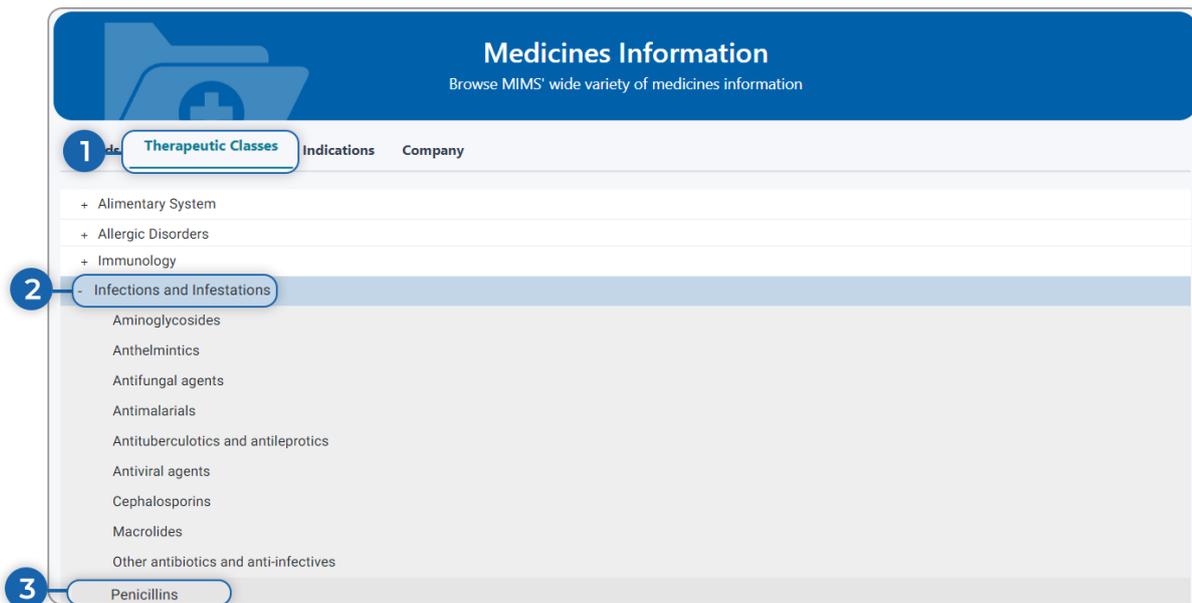
1. Click on the "Therapeutic Classes" tab.

2. Click on a "Therapeutic Class" name, e.g., "Infections and Infestations", to display all products in that class.

3. Click on the e.g.," Penicillins" and the result will display all products that belong in that class.

By Indication

By Company

Section 7: Tools and Resources

7.1 Tools

- **Don't Rush to Crush**

  'Crush?' is SHPA's Don't Rush to Crush (DRTC) guide for the safe administration of medicines and is linked to available products.
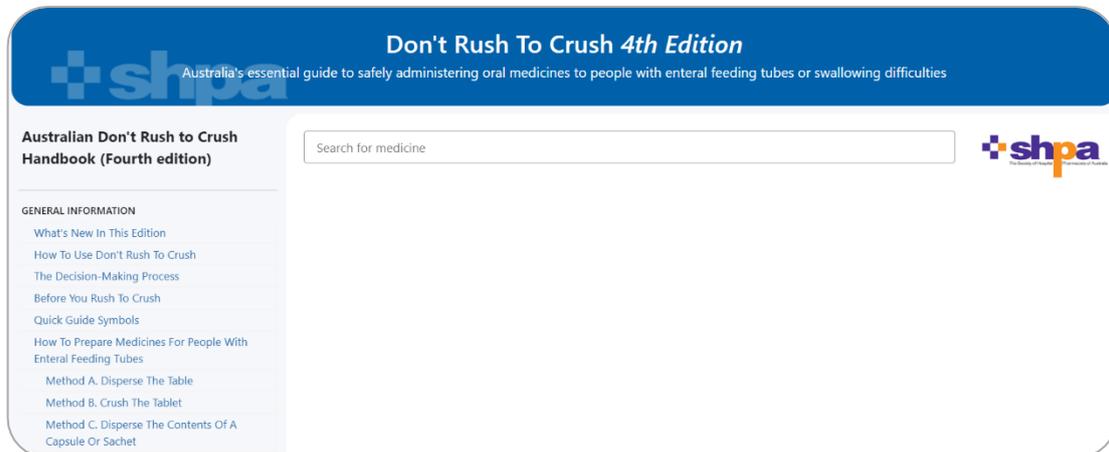
- **Drug-Herb Interactions in the "IM Gateway"**

  Check interactions between complementary and conventional medicines.
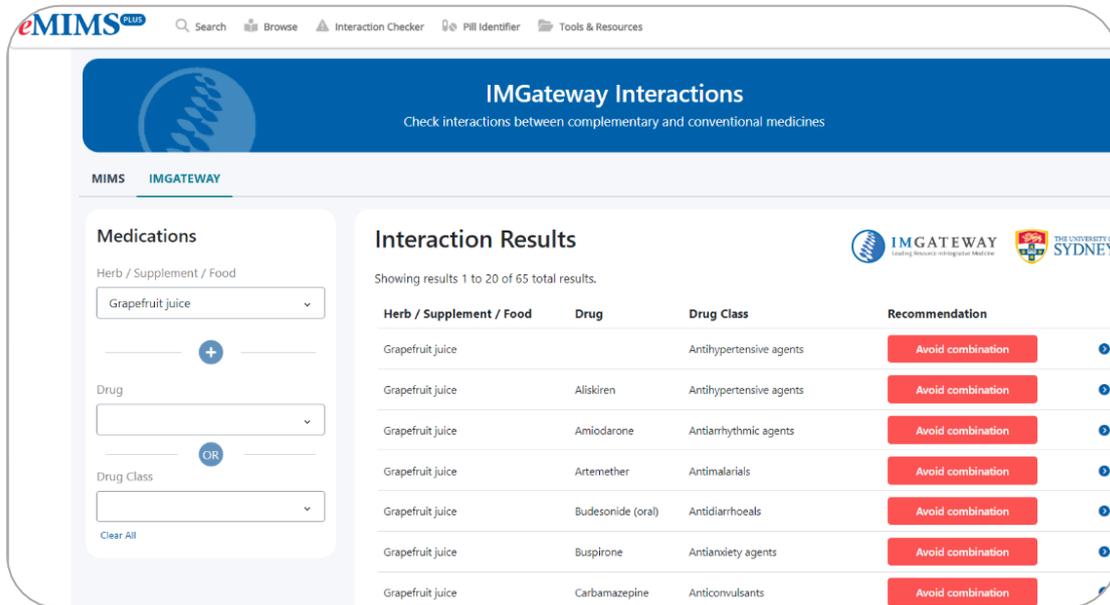
- **MIMS Interaction Checker**

  Identify potentially harmful combinations of medications or medications that may be unsuitable due to an allergy.

- **Pill Identifier**

  eMIMSplus offers a database of pill images that can be searched using the pill identifier tool. **(Refer to Section 4)**

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- **CYP450 Drug Interactions**

  A guide to medicine interactions involving Cytochrome P450 enzymes.

- **Inhaler Technique Videos**

  Videos developed by the Lung Foundation of Australia on how to use an inhaler properly to better manage respiratory symptoms.

- **Medicines in Pregnancy**

  Compare the safety of medicines within therapeutic classes and identify potentially unsafe medicines during pregnancy.
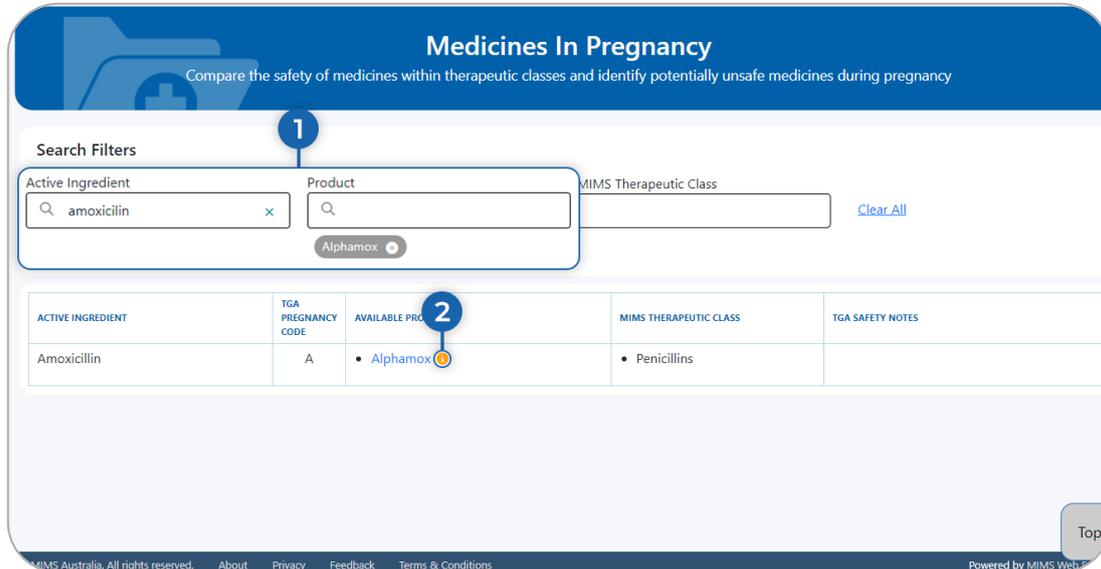
1. To check the pregnancy category of a product, you can enter the Active ingredient, Product name, and/or Therapeutic class and will show the relevant results.

2. Click the hyperlink "**(i)**" and will show more information about the pregnancy category for the drug selected.

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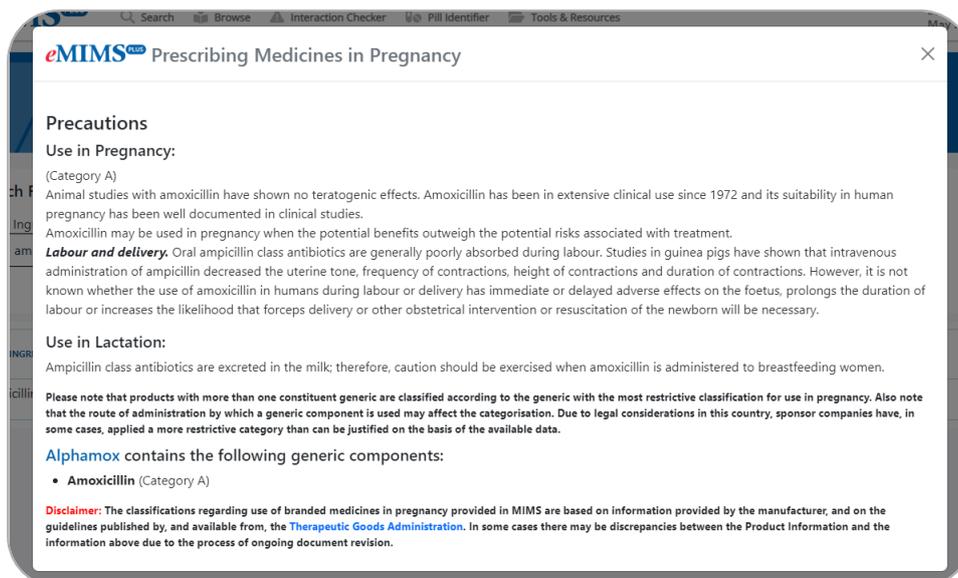
- **IV Compatibility**

    Easy access to need-to-know information on medicine and solution compatibility for the safe administration of IV injectable medicines.
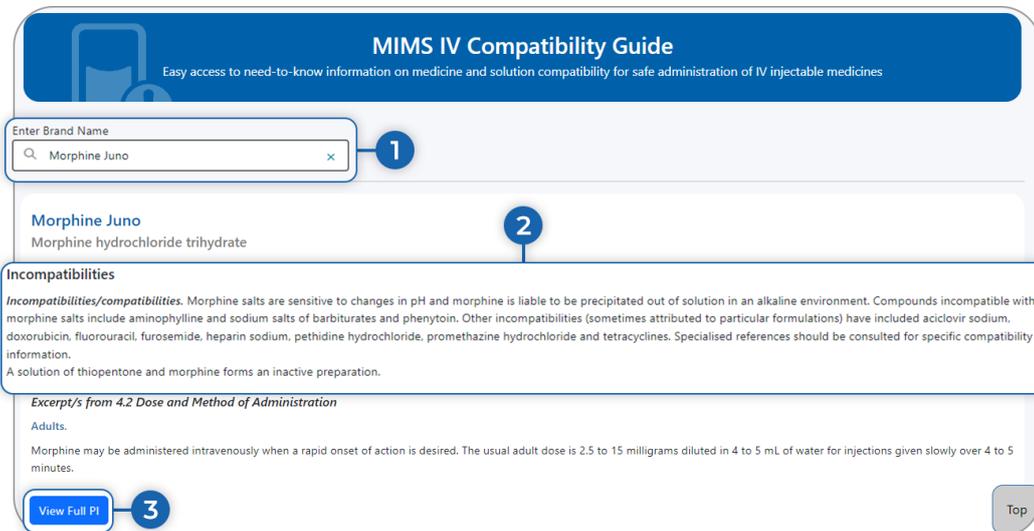
1. Enter the brand e.g., "Morphine Juno".

2. It will show the incompatibility information of the selected product.

3. Clicking the "View Full PI" will show the Full Product Information of the selected product with the "IV Compatibility" icon opposite the brand name.
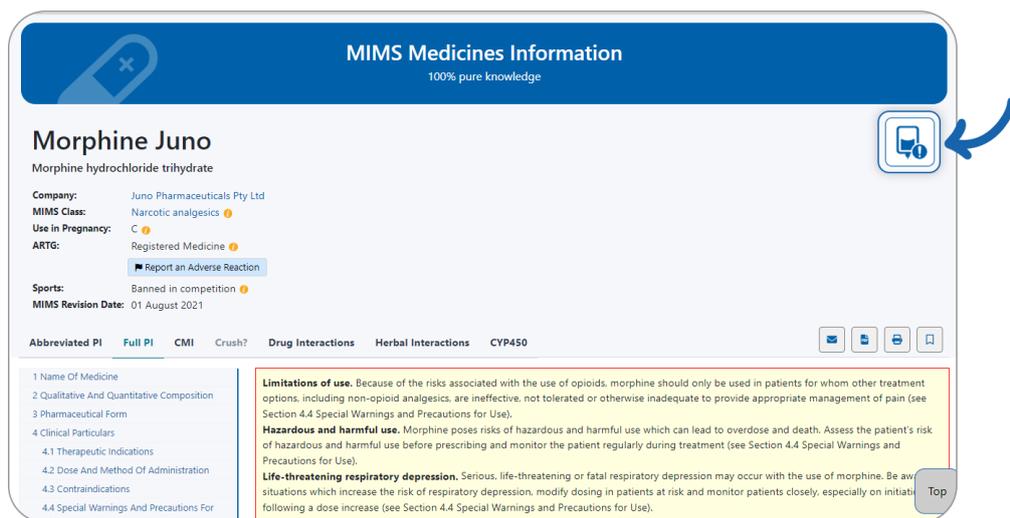
7.2 Resources

- ### Drug in Sport – WADA Guide

  World Anti-Doping Code Prohibited List 2023 (Valid 1 January 2023 to 31 December 2023)

- ### Medicines In Pregnancy Information – TGA

  Australian categorisation system and database for prescribing medicines in pregnancy.

- **PBS Brand Substitution**

A guide on Brand Substitution and Therapeutic Group Premiums

PBS Brand Substitution
Brand Substitution and Therapeutic Group Premiums

MIMS Therapeutic Classes

+ Alimentary System
+ Allergic Disorders
+ Analgesia
+ Cardiovascular System
+ Central Nervous System
+ Contraceptive Agents
+ Diagnostic Agents
+ Ear, Nose And Oropharynx
+ Endocrine And Metabolic Disorders
+ Eye
+ Genitourinary System
+ Herbal And Other Complementary Medicines
+ Immunology
+ Infections And Infestations
+ Musculoskeletal System
+ Neoplastic Disorders
+ Nutrition
+ Poisoning, Toxicity And Drug Dependence
+ Respiratory System
+ Skin
+ Surgical Preparations
+ Vitamins And Minerals

Brand Substitution and Therapeutic Group Premiums

Implementation of the Brand Substitution Legislation took effect from 1 December 1994. This applies to PBS determined therapeutically equivalent products prescribed as pharmaceutical benefits.

Prescribers, pharmacists and other healthcare professionals need to be familiar with, and understand the implications of, therapeutic equivalence, and they also need to know to which products therapeutic equivalence applies. To keep you up to date with which products are affected by this legislation (and also the Minimum Pricing Policy) we have stated which packs have therapeutic equivalence in the entries in MIMS Abbreviated Information.

Briefly, the **Brand Substitution Legislation** is summarised as follows.

From December 1994, brand substitution by pharmacists without reference to the prescriber was legal for PBS prescriptions where:

- the patient agrees to the substitution;
- the brands are identified in the Schedule of Pharmaceutical Benefits as being interchangeable;
- the doctor has not indicated on the prescription form that substitution is not to occur; and
- substitution is permitted under the relevant State or Territory legislation.

Associated with the Section name in MIMS entries for affected therapeutic groups is a list of interchangeable brands. Double click on the underlined text to display them (see also Sample Format).

For example: 100 mg 20's: **(G)** PBS/RPBS

The **(G)** indicates that brand substitution is permitted.

When prescribing an 'interchangeable' brand, the prescriber must decide whether or not brand substitution would be appropriate in the individual case. If the prescriber does not want brand substitution to occur, he or she must endorse the prescription **'Substitution not permitted'**. If brand substitution is acceptable to the patient and to the prescriber, the prescription can be written without this endorsement.

As mentioned previously, in addition to identifying products that are 'therapeutically equivalent', MIMS now indicates which products are affected by the Minimum Pricing Policy (i.e. attract a brand price premium).

In summary, the Government's **Minimum Pricing Policy** basically operates by:

- **Oral Contraceptives currently available in Australia**

Oral Contraceptives currently available in Australia

Product	No. of tablets	Estrogen content (mcg)				Progestogen content (mcg)							
		Ethinyl-estradiol	Mestranol	Estradiol	Estetrol	Levo-norgestrel	Nor-ethisterone	Deso-gestrel	Gestodene	Dro-spirenone	Dienogest	Nome-gestrol	Etono-gestrel
Combined oral contraceptives													
Femme-Tab ED 20/100 Lenest 20 ED Loette Microgynon 20 ED Microlevlen ED Micronelle 20 ED	All	20	–	–	–	100	–	–	–	–	–	–	–
Logynon ED Trifeme Triphasil Triquilar ED	6 5 10	30 40 30	– – –	– – –	– – –	50 75 125	– – –	– – –	– – –	– – –	– – –	– – –	– – –
Eleanor 150/30 ED Evelyn 150/30 ED Femme-Tab ED 30/150 Lenest 30 ED Levlen ED Microgynon 30 ED Micronelle 30 ED Monofeme Nordette	All	30	–	–	–	150	–	–	–	–	–	–	–
Madeline Marvelon 28	All	30	–	–	–	–	–	150	–	–	–	–	–
Brevinor 28 Norimin 28	All	35	–	–	–	–	500	–	–	–	–	–	–
Brevinor-1 28 Norimin-1 28	All	35	–	–	–	–	1000	–	–	–	–	–	–
Microgynon 50 ED	All	50	–	–	–	125	–	–	–	–	–	–	–
Norinyl-1 28	All	–	50	–	–	–	1000	–	–	–	–	–	–
Minulet	All	30	–	–	–	–	–	–	75	–	–	–	–
Seasonique	84 7	30 10	– –	– –	– –	150 –	– –	– –	– –	– –	– –	– –	– –
Brooklynn Isabelle Petibelle Yasmin Yelena	All	30	–	–	–	–	–	–	–	3000	–	–	–
Bella Brooke Yana Yaz	All	20	–	–	–	–	–	–	–	3000	–	–	–
Slinda	24	–	–	–	–	–	–	–	–	4000	–	–	–
Nextstellis	24	–	–	–	15 mcg	–	–	–	–	3 mg	–	–	–
Valette	All	30	–	–	–	–	–	–	–	–	2000	–	–

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Section 8: Glossary of Terms

TERM	TERM	COMMENTS
FPI	Full Product Information	A document approved by the TGA, provided to MIMS by the pharmaceutical companies.
API	Abbreviated Product Information	Document compiled by MIMS from the Full PI, PBS, ADRAC, TGA, and included Gluten-free status, Sports categories, and indications if it is to be taken with food etc.
CMI	Consumer Medicines Information	The document is written specifically for Consumers and approved by the TGA.
TGA	Therapeutic Goods Administration	Australian Government group that approves medicines for registration and is responsible for FPI and CMI documents.
PBS	Pharmaceutical Benefit Scheme	Approved prescription pricing for medicines.
WADA	World Anti-Doping Agency	WADA is an international independent agency whose primary role is to develop, harmonize and coordinate anti-doping rules and policies across all sports and countries.

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