

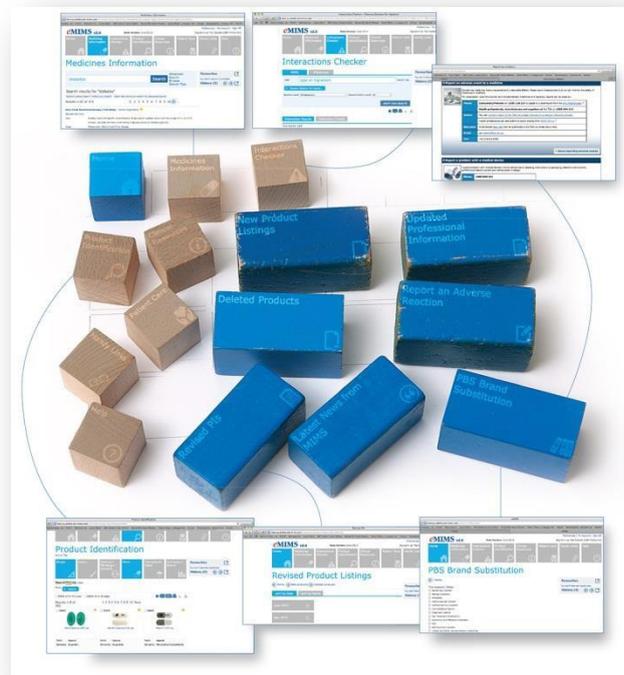
eMIMS gets a makeover and looks and feels years younger. Meet eMIMSCloud



It was 17 year ago that eMIMS was launched and in those years it has become the most used and loved resource for many MIMS customers from all areas of healthcare.

We asked our users hundreds of questions, sifted through your feedback and started work to develop a product that suits your work flow, it is content-rich and meets your needs no matter what your role. In a nutshell, what you asked for is a product that is simple to use and navigate – you need to think about the information you want, not how to find it. You wanted a choice of desktop and internet so that you can access eMIMS in a manner that suits the way you work. You also asked for more patient care content, tools and calculators to go alongside the medicines information, drug interactions and product images you use every day.

We promise, some things stay the same and we thank the very many of you who've accepted the integrity of eMIMS for a decade and more. That's one thing that hasn't changed. As we've honed our software to give easy access to essential information, there can be no short cuts in authenticating that information. We are proud that in the 50 years since the "Monthly Index of Medical Specialties" was first published, our editorial system of checks and balances has earned a reputation for independence, accuracy and currency second to none.



## **M**Symbols and links - what they mean

Our aim is to make your experience using eMIMS as seamless as possible. We have added a series of symbols and links, some of which you will recognise, so you have as much information at hand as you need without having to spend your precious time searching elsewhere. You will notice that within eMIMSCloud some links will open a new tab. This can be very convenient as you can easily go back and refer to it at any time.

**IMGATEWAY** IMGateway delivers evidence-based complementary medicine information and education services on a range of medical conditions, herbs, supplements and drug interactions (adverse or positive).

 - click on this symbol to see more information – it may relate to Company, Class, Use in Pregnancy, ARTG or even see the attributes of a tablet, such as size in mm

 add the drug to the interactions checker

 email your current page to a colleague or patient

 open your current page in PDF format

 print your current page

 make your screen font smaller

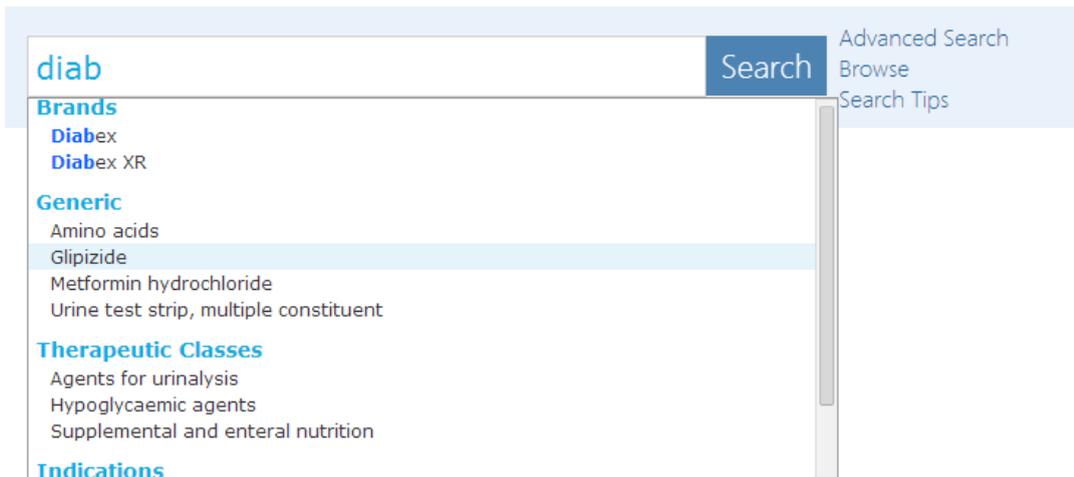
 make your screen font bigger

## Finding Information about Medicines

New search capability means you can choose by brand, generic, indication or therapeutic class and can even correct your spelling. If you're a browser rather than a searcher you can do that too and the advanced search can help you narrow down the best options for someone in seconds.

Go into the Medicines Information box at the top of your screen and start typing in the search box. Search by brand name, generic molecule, indication or therapeutic class. This smart search will return a drop down similar to the one below.

## Medicines Information



The screenshot shows a search bar with the text 'diab' and a 'Search' button. To the right of the search bar are links for 'Advanced Search', 'Browse', and 'Search Tips'. Below the search bar is a dropdown menu with the following content:

- Brands**
  - Diabex
  - Diabex XR
- Generic**
  - Amino acids
  - Glipizide
  - Metformin hydrochloride
  - Urine test strip, multiple constituent
- Therapeutic Classes**
  - Agents for urinalysis
  - Hypoglycaemic agents
  - Supplemental and enteral nutrition
- Indications**

Searching on diabetes has provided many options to choose from

- Click on brand and you will go straight the PI
- Click on generic and see search results that list of each brand that has that generic molecule
- Click on Therapeutic Class and you will see search results for all medicines within that class

- Click on indication and see search results that provide you with medicines indicated for that indication

When you have your search results you can use the “Refine your search” This will reduce the number of search results items and pages that will have to browse through and enable you to find, for example, gluten free

Search results for **Urine test strip, multiple constituent**

Need to narrow down ? [Refine your search](#) Didn't find what you want? [Try Advanced Search](#)

**Search Results Filters** ✕

Pregnancy Category:

Sport:

**Gluten Free:**

Poison Schedule:

PBS:

*Simplicity itself! Refining your search makes looking for gluten free options easy and fast. Refine your results further by choosing any of the other options. Think about the customer who wants and antihistamine has a gluten allergy and is pregnant*

## **M** Using Medicines Information - in a nutshell

- Type Drug name/indication etc. into search box (Caduet)
- Select from the results list below (you can choose to view in Full PI, Abbreviated PI, CMI or add to Interactions list) & press search
- Click refine search to select:
  - Pregnancy Category
  - Sport
  - Gluten free
  - Lactose free
  - Poison Schedule
- Click Advanced Search for more filter options
- Click Browse to search on:
  - Brand name starts with
  - Generic Name
  - Therapeutic class
  - Indication starts with
  - Company name starts with
- Select a letter within one of the above searches, eg F. This will load all the F results and narrow them down to Starts with FA, FE, FG etc. Select your option to see a list of results starting with those two letters.
- You can click the Bookmark , Add to Interaction , Email , Download as PDF , or Print links . You can decrease or increase the text size by pressing these buttons 

From your search results you can choose to view the Abbreviated PI the Full PI or CMI. You can also immediately add the medicine to the interactions checker from this view.

Results 1-18 of 18



**Diabex (Tablets)** [Alphapharm]

Metformin hydrochloride

**Use:** Biguanide. Type 2 diabetes in adults, children greater than or equal to 10 yrs (esp overweight patients) not controlled by diet and exercise; adjunct (+/- sulfonylurea, other oral antidiabetics) in in...

**Dose:** Admin in 2-3 divided doses to improve GI tolerability; titrate gradually. May halve 1000 mg tablet; do not crush, chew. Adults: initially 500 mg 1-2 times daily; may incr dose over a few wks to max 1 g 3 times daily (monitor BGL esp during initial 15 days treatment; review after 21 days); see full PI. Children greater than or equal to 10 yrs: initially 500-850 mg once daily; may adjust after 10-15 days; max 2 g/day in 2-3 divided doses. Elderly: reduce dose (do not titrate to max adult dose)

**MIMS Class:** Hypoglycaemic agents

**PBS:** PBS/RPBS (NP)



Choosing the **Abbreviated PI** gives you rapid access to the most commonly used information about any product including PBS and Nurse Practitioner prescribing rights. You can view TGA Safety Bulletins or report an adverse event from this page

**Diabex**

Metformin hydrochloride **IMGATEWAY**



Life threatening lactic acidosis can occur due to accumulation of metformin. The main risk factor is renal impairment, other risk factors include old age associated with reduced renal function and high doses of metformin above 2 g/day.

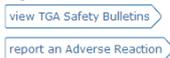
**Generic Ingredients:** Metformin hydrochloride

**Company:** Alphapharm

**MIMS Class:** Hypoglycaemic agents

**Use in pregnancy :** C

**ARTG:** Registered Medicine



**Sport:** Permitted in sport.

**Use:** Biguanide. Type 2 diabetes in adults, children greater than or equal to 10 yrs (esp overweight patients) not controlled by diet and exercise; adjunct (+/- sulfonylurea, other oral antidiabetics) in insulin dependent type 2 diabetes in adults

**Contraindications:** Uncomplicated insulin regulated juvenile diabetes; diet only regulated diabetes; diabetic ketoacidosis, precoma; surgery (where insulin essential); intravascular iodinated contrast material (cease metformin 48 hrs pretest if renal impairment, or from test time if renal function normal; may reinstitute greater than or equal to 48 hrs post-test if renal function normal); renal (ClCr < 60 mL/min), severe hepatic dysfunction; renal failure; acute conditions with potential to alter renal function eg dehydration, severe infection; conditions causing hypoxia eg heart failure, recent MI, respiratory failure, PE, acute significant blood loss, shock, pancreatitis, sepsis, gangrene; elective major surgery (cease metformin 48 hrs presurgery; may reinstitute greater than or equal to 48 hrs postsurgery if renal function normal); acute alcohol intoxication; alcoholism; lactation

**Precautions:** Renal impairment; acute illness; malnutrition; monitor serum vit B12 (pretreatment, at 6 mths then annually), creatinine (pretreatment then greater than or equal to 2-4 times/yr (serum creatinine at ULN, elderly) or greater than or equal to annually (normal renal function)), BGL, LFTs, CV function; lactic acidosis risk incl ketosis, hepatic impairment, prolonged fasting, poorly controlled diabetes, excess alcohol intake; high dose > 2 g/day; elderly, debility; pregnancy (insulin recommended), children esp prepubescent (confirm diagnosis; monitor effect on growth, puberty)

**Adverse Effects:** GI upset; taste disturbance; vit B12 depletion, LFT abnormality, hepatitis, skin reaction, lactic acidosis (very rare); others, see full PI

**Interactions:** See Contra; alcohol, medication containing alcohol (avoid); sulfonylureas; glinides; insulin; diuretics esp loop diuretics; antihypertensives incl ACE inhibitors, Ca channel blockers (eg nifedipine); beta blockers; beta agonists; vit K antagonists; simvastatin; glucocorticoids;

eMIMS makes it simple to access the very latest evidence of adverse events behind any of the prescription medicines available in Australia.



Pack 500 mg [100] ; AUSTR40806
BPP
PBS/RPBS (NP) (Rp 5) 
Pack 850 mg [60] ; AUSTR57645
BPP
PBS/RPBS (NP) (Rp 5) 
Pack 1000 mg [90] ; AUSTR81602
BPP
PBS/RPBS (NP) (Rp 5) 

Click on the  symbol in the PBS information to see PBS Brand Substitution information for specific products

**PBS Brand Substitution**

Interchangeable brands in this section are:

**Glibenclamide:** Daonil → Glimel.

**Metformin:** Diabex → Apo-Metformin → Chemmart Metformin → Diaformin → Formet Aspen → GenRx Metformin → Glucobete → Glucophage → Metformin 500 mg, 850 mg (Pharmacor) → Metformin-GA → Metformin Generichealth → Metformin Ranbaxy → Metformin Sandoz → Terry White Chemists Metformin.

Diabex 1000 → Apo-Metformin 1000 → Chemmart Metformin 1000 → Diaformin 1000 → Formet Aspen 1000 → Glucobete 1000 → Metformin 1000 mg (Pharmacor) → Metformin Generichealth 1000 mg Tablets → Metformin Pfizer 1000 mg → Metformin Ranbaxy 1000 mg → Metformin Sandoz 1000 mg → Terry White Chemists Metformin 1000.

**Metformin XR:** Diabex XR → APO-Metformin XR → Chemmart Metformin XR → Diaformin XR → Metex XR → Terry White Chemists Metformin XR.

Choosing the Full PI will bring you to the TGA approved product information for specific brands.

Simple to find your way around, the PI view also allows you to view and report adverse events, add a medicine to the interaction checker and provides you with the date MIMS last

revised the information as well as the TGA approval date of that medicine.

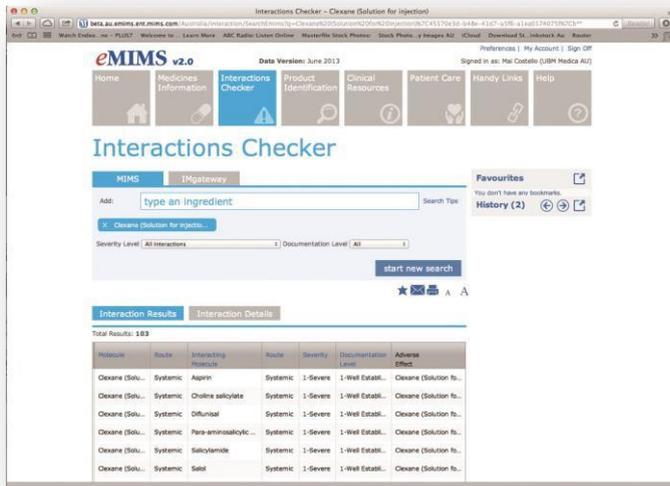
Simply click on the section of the PI you want to read to go straight there no more scrolling or ploughing through hard to read text

## Checking interactions

MIMS evidence based drug interactions are one of the most used and valued features of all our digital products and eMIMS is no exception. In the new eMIMS we believe you will find this module even more valuable. If you add on the IMgateway drug/herb and food module, you will find not only complimentary medicines, but now also some interactions for Traditional Chinese Medicines and Japanese Kampo Medicines – this ever evolving module is truly worth a look.

Having added a medicine from the PI you will be taken to the interactions page immediately and see the results for all medication that medicine interacts with. You can choose from there or simply add other medications and view specific interactions

1. Having added a medicine from the Abbreviated PI, the Full PI or the CMI page you will see every medicine that interacts with the one you have added.



2. Now you can chose to look at details from this page or simply add the other medications you want to review

The annotated screenshot shows the MIMS Interactions Checker interface with several callouts:

- Search Box:** A red circle around the search input field with the text: "Simply type the medicine or generic name into the search box".
- Filters:** A red circle around the 'Filters:' section with the text: "You can add as many as you need to review".
- Severity and Documentation Level:** A red circle around the 'Severity Level' and 'Documentation Level' dropdowns with the text: "You can filter on level of severity and or documented evidence".
- Interaction Details Tab:** A red circle around the 'Interaction Details' tab with the text: "The Interaction Details can be found by clicking on this tab".

The interface also shows a table with 1 result:

Molecule	Route	Interacting Molecule	Route	Severity	Document
Diabex (Tablets) [...]	Systemic	Aspirin	Systemic	2-Moderate	2-Good

Interaction Results | Interaction Details

Interaction 1 of 1

diabex (tablets) [metformin hydrochloride] ↔ aspirin (1 interaction)

**eMIMS Interaction**

Severity: Moderate  
Documentation: Good

Diabex (tablets) [metformin hydrochloride] has its effect increased by aspirin

**Precautions to take:**

1. Use combination with caution.
2. Monitor blood glucose.

**Drug Interaction Details:**  
High doses of salicylates can lower blood glucose levels and enhance effects of oral hypoglycaemic agents. Concurrent administration may lead to hypoglycaemia. Monitor blood glucose when salicylates (particularly high doses) are given concurrently with oral antidiabetic agents. Adjust dose of the antidiabetic drug if necessary.

**Reference:**

- Richardson T, Foster J, Mawer GE. Enhancement by sodium salicylate of the blood glucose lowering effect of chlorpropamide-drug interaction or summation of similar effects?. Br J Clin Pharmacol (1986) 22 (1/Jul): 43-8
- Kubacka RT, Antal EJ, Juhl RP et al: Effects of aspirin and Ibuprofen on the pharmacokinetics and pharmacodynamics of glyburide in healthy subjects. Ann Pharmacother (1996) 30 (1/Jan): 20-6

**Description of Classes:**  
diabex (tablets) [metformin hydrochloride] belongs to the **Oral hypoglycaemic agents** class. Agents used for the treatment of diabetes.

aspirin belongs to the **Salicylates (systemic)** class. Analgesic, antipyretic and anti-inflammatory agents.

Interaction 1 of 1

## M Product Identification

*We know you'll love the new Product Identification module because we've added everything our users have asked for to help you refine your search even more*

- Shape
- Form
- Colour
- Scoring, marking or symbols
- Or search by therapeutic class, company, brand name or generic

*Last but not least, we've added the size in the descriptions – something eMIMS users have been requesting for a long time*

The screenshot displays the eMIMS v2.0 Product Identification module. At the top, there are navigation tabs for Home, Medicines Information, Interactions Checker, Product Identification (active), Clinical Resources, Patient Care, Handy Links, and Help. Below the navigation is a search bar with the text 'capsule' and a 'Search' button. The search results are displayed in a grid format, showing 12 different capsule products with their respective images, names, and strengths. The products listed are Advil Capsules 200 mg, Agrylin Capsules 0.5 mg, Akamin 100 mg, Alphamox 250 mg, Alphamox 500 mg, Amoxicillin Capsules 500 mg, and Amoxicillin capsules.

You may find the search tips helpful as you get used to the new and more refined image search. The Help files can be found from most pages via the search tips link or of course you can go directly to Help by clicking on the right hand box in your Tool Bar.

# Product Identification

Search Tips

Shape    Colour    Scoring / Markings / Symbols    Form    Therapeutic Class    Company / Brand / Generic

**Contents**    Index    Search    Bookmark

Show all    Hide all    Previous    Next

- Help Overview
- Accessing eMIMS
- eMIMS Settings
- Updating eMIMS
- Navigating Around eMIMS
- Home
- Medicines Information
- Interactions Checker
  - MIMS Interactions
    - Searching
    - Filters
    - Interaction Results
    - Interaction Details
    - About Interactions Checker
      - How MIMS Interactions Checker works
      - Limitations
      - Example 1. Cumulative effects of n
      - Example 2. The effect of a resulta
  - IMgateway Interactions
  - Disclaimer
- Product Identification
- Search Filters
- Search Results
- Clinical Resources
- Patient Care
- Handy Links

**Scoring / Markings / Symbols**

Scoring: --Select--    Marking: --Select--

Symbols:

cancel    search

Select

Lopresor 50 mg

Form: coated tablet

Contents: Metoprolol tartra

**Lopresor [Novartis]**

Lopresor 50 mg [ CMI ]

**Contents:** Metoprolol tartrate

**MIMS Class:** Beta-adrenergic blocking agen

**Colour:** PINK

**Shape:** Heart

**Markings:** HM, CIBA

**Scoring:** No

**Length:** 9.00 (mm)

**Depth:** 8.00 (mm)

Click on the in the top right of the image and a pop up will appear.

This will give you information about the appearance of the medicine as well as links back to the PI and/or CMI

eMIMS is much more than just medicines information – both Patient Care and Clinical resources are readily available from the Tool Bar Resources and

## Clinical Resources

Clicking on the tool bar will provide with the choices laid out below

### Clinical Resources

Disease Index	MIMS Companion	Cardiovascular Risk Chart
CYP450 Drug Interactions	Medications that should not be crushed	Infectious Diseases - Exclusion Periods from School
Medicines in Pregnancy	Reference Intervals - Normal Values	Drugs in Sport - WADA Guide
Brand Substitution and Therapeutic Group Premiums		



This comprehensive collection of disease state articles, all written by medical specialist, will provide you with terrific learning and refresher information about the disease itself; clinical features, diagnosis management principle and pharmacological agents for treatment . You can browse the list of articles or type what you are looking for in the search box

## Disease Index



The screenshot shows a search bar with the text "Diab" entered. Below the search bar, a list of search results is displayed, including "Diabetes mellitus - Diabetes mellitus", "Diabetic nephropathy - Chronic kidney disease", "Insulin dependent diabetes - Diabetes mellitus", "Maturity onset diabetes of the young (MODY) - Diabetes mellitus", "Noninsulin dependent diabetes - Diabetes mellitus", "Secondary diabetes - Diabetes mellitus", "Type 1 diabetes - Diabetes mellitus", and "Type 2 diabetes - Diabetes mellitus". To the right of the search results, there is a "Browse Search Tips" button circled in red, and a set of utility icons including an envelope, PDF, a printer, and two font size icons (A and A).

MIMS Companion

The MIMS Companion is a concise reference of Symptoms, Signs, Investigation, Pathology, Syndromes and Treatment, which is an invaluable source of information for healthcare professionals who require information outside their area of immediate expertise. MIMS Companion deals with a disease in the way that the patient presents and provides assistance with the possible causes of the signs and symptoms.

Search or Browse by Condition, symptoms, syndrome, signs, investigation or pathology

## MIMS Companion

Condition, Symptom, Syndrome, Sign, Investigation or Pathology

Browse  
Search Tips

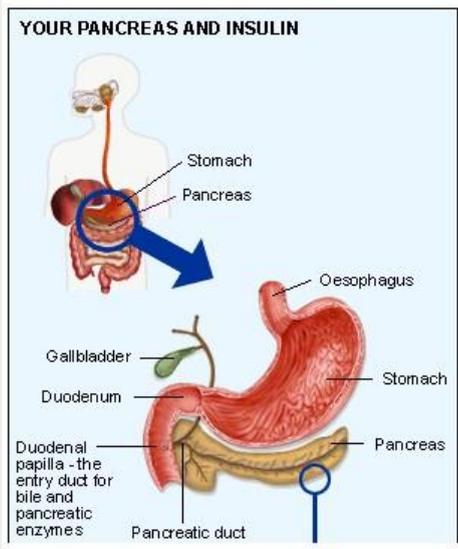
*Take some time to review this section and you will find many and varied pieces of information that will be of value throughout your working day*

- M** Cardiovascular Risk Chart - Click for a PDF of this quick reference guide is for use by health professionals for primary prevention of cardiovascular disease (CVD\*). It provides a summary of the key steps involved in assessing and managing absolute cardiovascular disease risk.
- M** CYP450 Drug Interactions – Click here to view a table which has been designed for use in conjunction with MIMS abbreviated entries that describe the interactions of a drug in terms of effects on cytochrome P450 isoenzymes.
- M** Medications that should not be crushed
- M** Infectious Diseases – Gives you information on Exclusion Periods from School - National Health & Medical Research Council (NHMRC) - December 2005. Recommended Minimum Exclusion Periods for infectious conditions for Schools, Preschools and Child Care Centres
- M** Medicines in Pregnancy
- M** Reference Intervals - Normal Values
- M** Drugs in Sport - WADA Guide - World Anti-Doping Code 2013 Prohibited List (Valid 1 January 2013 to 31 December 2013). Adapted from the World Anti-Doping Agency (WADA) website (2013 Prohibited List, International Standard).
- M** Brand Substitution and Therapeutic Group Premiums

## M Patient Care

Loaded with useful patient counselling tools, calculators, handouts and diagrams this module in eMIMS will support your counselling programs whatever your focus.

### Pancreas and insulin



**myDr Medical Images** - Current topic offerings include basic science titles in anatomy, physiology, embryology, neuroscience and pathology. In Clinical medicine the titles include obstetrics and gynaecology, cardiology, internal medicine and orthopaedics.

**myDr Patient Handouts** provide you with a comprehensive selection of patient information sheets covering the most commonly presenting conditions .  
Once more, search or browse to see what's available. Printable for handing to the patient you can also choose to email them

## myDr Patient Handouts

diab Browse Search Tips

**Babies and Pregnancy**  
Gestational **diabetes**: Q and A

**Endocrine**

- Diabetes** and blood glucose monitoring
- Diabetes** and getting pregnant
- Diabetes** and taking medications for other condit
- Diabetes** and urine glucose monitoring
- Diabetes** in seniors
- Diabetes** insipidus
- Diabetes**: monitoring and treating
- Diabetes**: tablets for type 2 **diabetes**
- Diabetes**: type 2 **diabetes** testing
- Diabetic** conditions affecting the legs and feet
- Diabetic** nephropathy
- Gestational **diabetes**: Q and A
- Hyperglycaemia in **diabetes**

**Diabetes and blood glucose monitoring** Browse Search Tips

**Diabetes and blood glucose monitoring** myDr.com.au

**Diabetes and blood glucose monitoring**

Keeping track of your blood glucose level is an important part of managing diabetes mellitus (commonly known as diabetes). It keeps you informed of how well your diabetes is being controlled — good glycaemic control (control of your blood glucose) will ultimately help you to avoid or delay diabetic complications.

**Blood glucose control**

Achieving well-controlled diabetes means keeping the amount of sugar in your blood — your blood glucose level — as closely as possible within the normal range.

	Before a meal (preprandial blood glucose)	After a meal (postprandial blood glucose)
Normal blood glucose levels	4 to 6 mmol/L	6 to 8 mmol/L
Slightly raised blood glucose level	6 to 7 mmol/L	Up to 11.0 mmol/L

These figures are a guide only — your doctor will discuss with you the blood glucose range that is ideal for you. Avoiding a low blood sugar level (hypoglycaemia) comes into consideration as well as achieving good control.

**What are the advantages of checking my blood glucose?**

It is important to understand that your blood glucose will vary with your day-to-day activities, for example, your blood glucose level generally decrease with fasting, with exercise, and after administering your insulin injection. On the other hand your blood

Just one of the Tools and Calculators you will find in eMIMS

## Creatinine Clearance (Cockcroft-Gault) - Ideal Body Weight

← Tools & Calculators



### Creatinine Clearance (Cockcroft-Gault) - Ideal Body Weight

Creatinine clearance is a useful measure of approximating the Glomerular Filtration Rate (GFR). The Cockcroft & Gault Creatinine Clearance Formula can be used to estimate creatinine clearance from serum creatinine values.



Gender	<input type="text" value="Male"/>
Age	<input type="text"/> years
Weight	<input type="text"/> kg
Creatinine	<input type="text"/> mg/dL
Height	<input type="text"/> cm

Calculate

### Results

Creatinine Clearance  
Creatinine Clearance (By Ideal Body Weight)

Now we've got you started why not continue to explore and think about some of the ways eMIMSCloud can support your daily work.