

Using Drug Resources

FSU College of Medicine
2017-2018

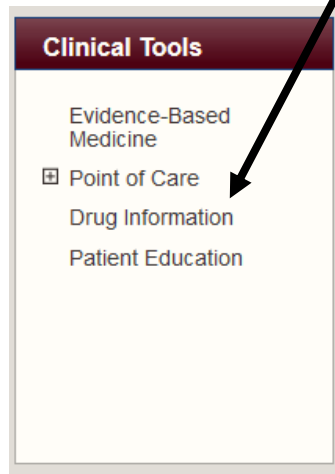
Nancy Clark, M.Ed.



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Drug References on Library Web Site



The Drug Information link on the main library website will bring up a list of subscription and excellent free drug resources. These resources include a variety of types of information including monographs and articles, as well as tools to be used at the point of care, such as drug interaction checkers, dosage calculators, pill ID tools, and patient education handouts on drugs.



Off Campus Access to the Library Resources

If you click on a subscription resource from off-campus you will be prompted to log in to the remote access. You log in with your FSU-ID.

If you do not know your FSU UserID and Password, contact the regional campus ET staff: or the Medical Library

- ✦ Orlando: Claudin Pierre-Louis (407) 835-4103
 - ✦ Pensacola: Chris Clark (850) 494-5939 x125
 - ✦ Tallahassee: TBD (850) 645-1257
 - ✦ Sarasota: Chip Orth (941) 316-8120 ext. 311
 - ✦ Daytona: Bijan Fallahi (386) 252-0601
 - ✦ Ft. Pierce: Marcus Colina (772) 464-0034 Ex:503
- or on main campus, the Medical Library (850) 644-3883 for help.

myFSU Login

For security reasons, please Log Out and Exit your web browser when you are done accessing services that require authentication!

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Password: **LOGIN**

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Epocrates mobile — Drug Information

When you start **Epocrates**, there is a logo page with search box at the top. Tap the Drugs icon (**Figure 1**) The list of Drug Classes will come up with a Search Drugs box at the top. (**Figure 2**) Type in the first few letters of the drug you want to look up in the search box. (**Figure 3**) Pick the one you want from the list by tapping on it.

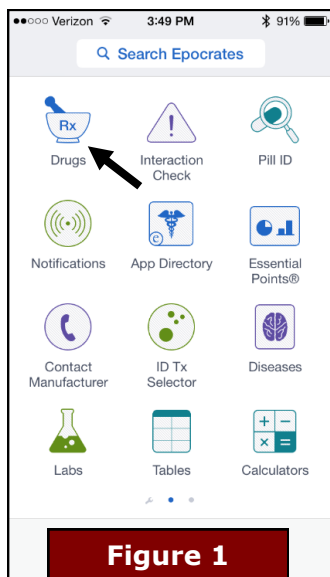


Figure 1

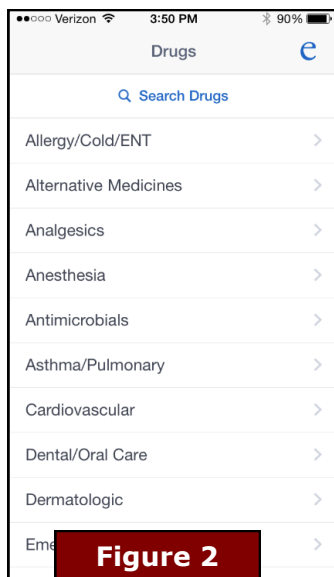


Figure 2

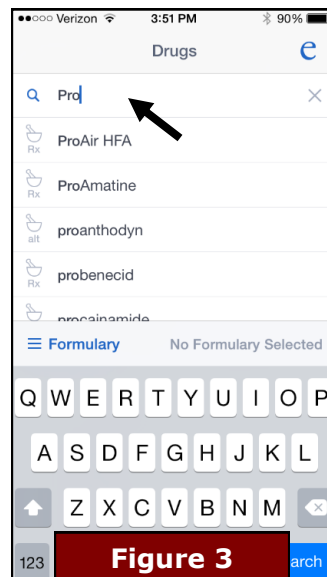


Figure 3

Lets look at Prozac. When the drug comes up, it shows you an index page of the sections of the monograph (**Figure 4**). Scroll down with your finger to find what you need (**Figure 5**). If you choose Manufacturing/Pricing, this is what you will see (**Figure 6**). Explore each of these categories and become familiar with the type of information to be found there.

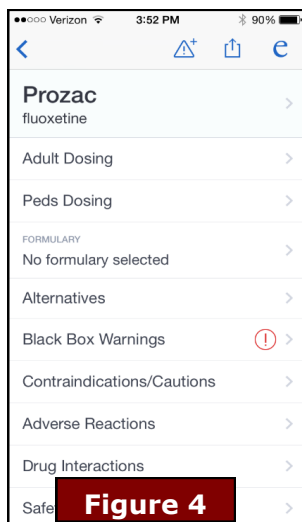


Figure 4

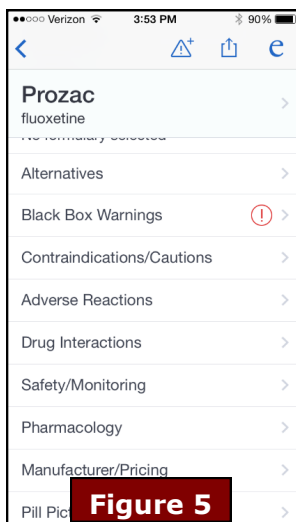


Figure 5

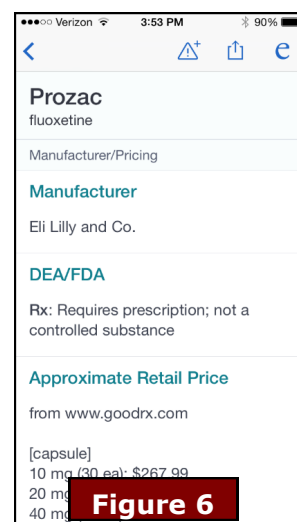


Figure 6



Add To Favorites

When you see the symbol at left at the top of the screen, you can tap it to add the topic to your favorites, which can then be accessed from the Favorites icon (right).



Alt Meds and OTC — Epocrates also contains drug information on a limited number of **Alternative Medicines** and **OTC medications**. The Alt Meds and OTC meds are in the Drugs index with an icon that identifies them as OTC or ALT. **(Figure 7)** The categories for Alt Meds **(Figure 8)** and for OTC medications **(Figure 9)** are different from the prescription drug categories.

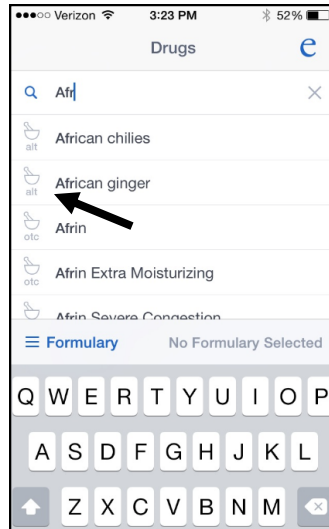


Figure 7

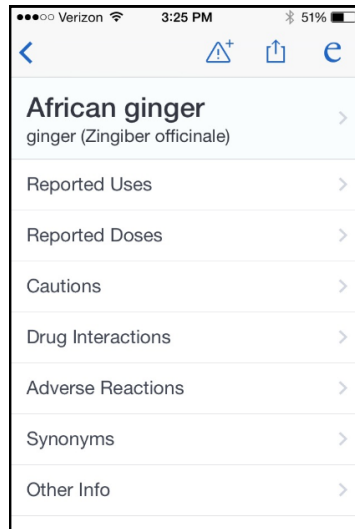


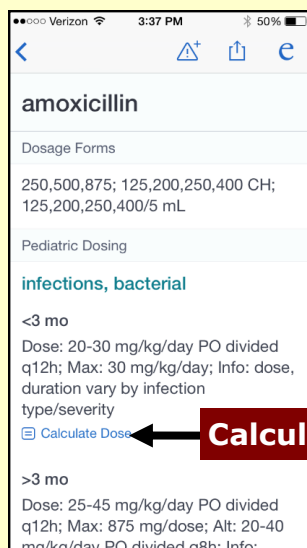
Figure 8



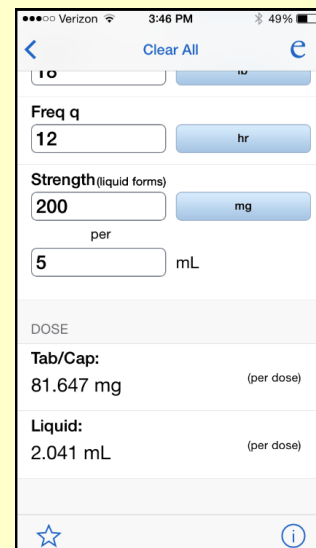
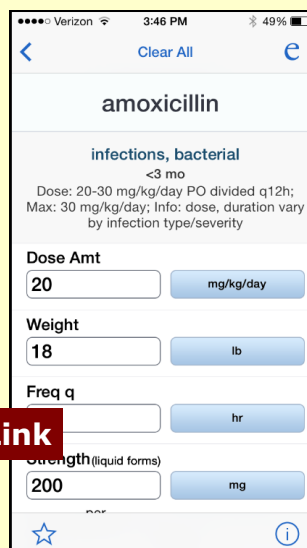
Figure 9

Epocrates Dosage Calculator

For **pediatric** and **IV drug**, Epocrates has a built-in dosage calculator. When a drug dosage is reported in **mg/kg/d**, there will be a link to a calculator below the indication. Tap the link, and the dosage calculator will come up. Enter the dose amount, patient's weight and the frequency of dosing, then tap **Results**. If liquid is available, you can also complete the strength. The amount per dose pops up as you type in the amounts.



Calculator Link



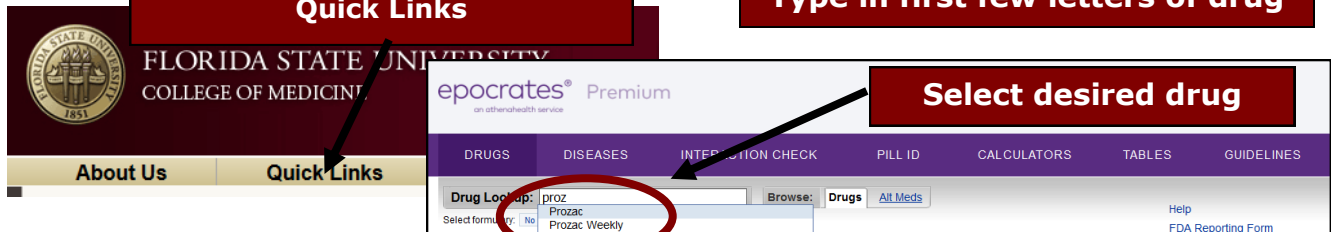
Drug Monographs

Epocrates ONLINE—Drug and Alt Med Information

epocrates™

Select Epocrates Online
From the Library
Quick Links

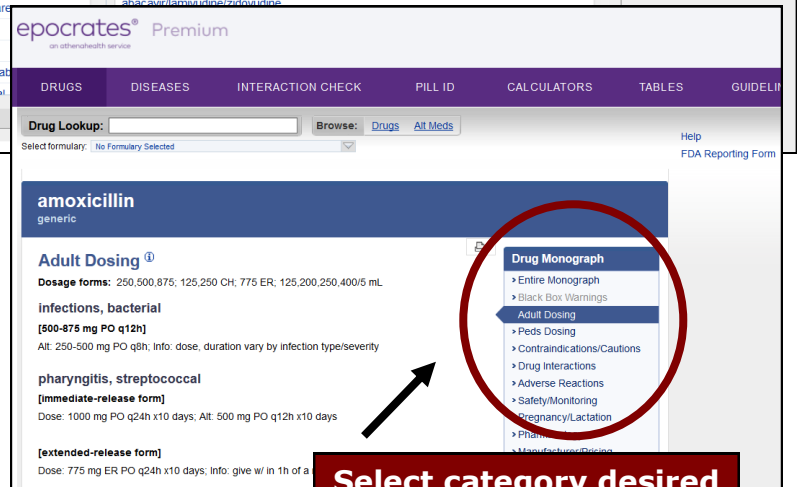
Type in first few letters of drug



Notice that **Drugs** and **Alt Meds** are combined. Under the **Drugs** tab, type the first few letters of the desired drug in the Search box. As you type, Epocrates narrows the list down until the drug you want appears. Click the drug you want. Sometimes, a pick-list of brands and generic forms appears for you to select from. Once the monograph appears on the drug you desire, the various sections of the monograph can be selected by a mouse click, including Adult Dosing, Pediatric dosing, Contraindications and so forth. Notice that dosages are presented by indication. Some off-label uses are also provided and indicated by an asterisk.

Select desired drug

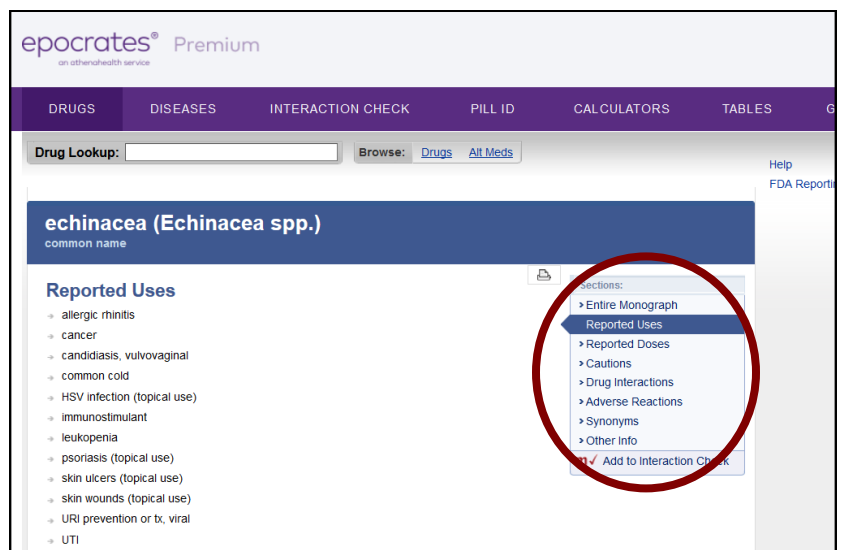
Or use alphabet to browse



Select category desired

Alternative Meds

Type in the first few letters of the desired Alt Med, select the med from the list, then the monograph appears. The categories for Alt Meds are different from the ones for prescription drugs.



Facts & Comparisons Prescription and Non-Prescription Drug Monographs on the Web



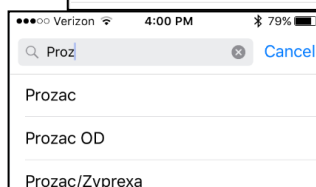
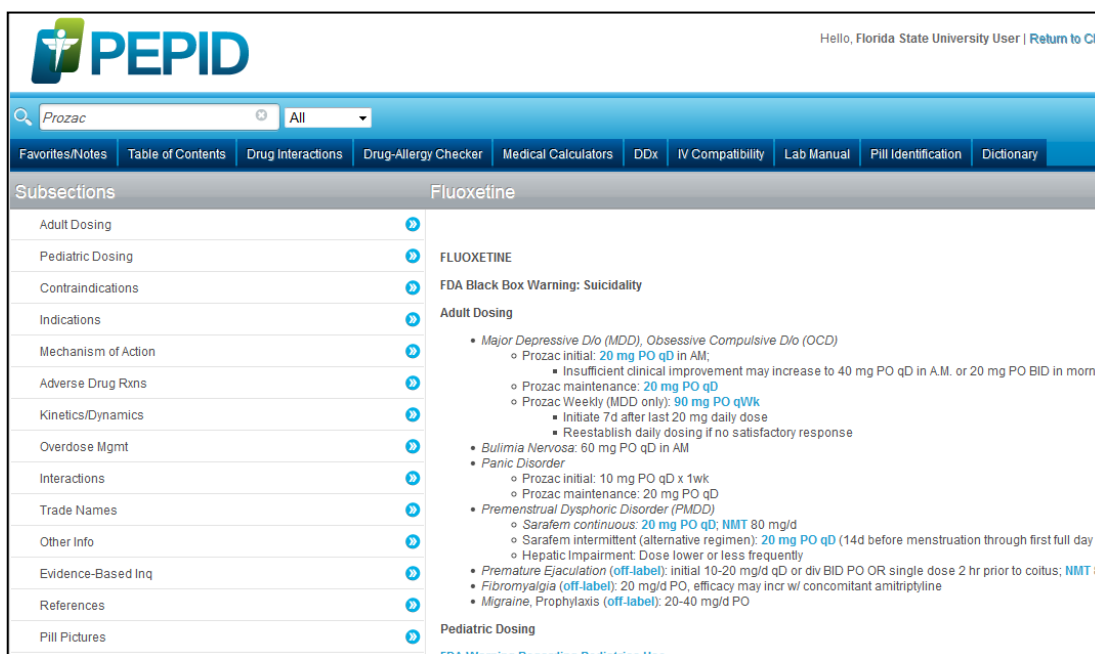
Facts and Comparisons web resource is a very rich source of drug, alternative medicine and OTC information used extensively by pharmacists. The monographs are very detailed. Under **Search**, type in the drug, alt med or OTC and hit Go. The Facts and Comparisons monograph pops up with a navigation pane at left.

The main F&C monograph contain nice tables that compare forms, adverse reactions, etc.

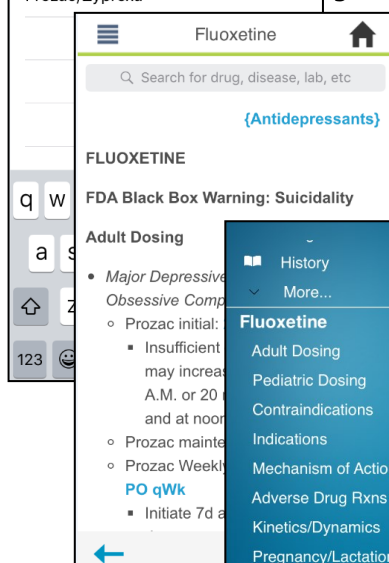
Select **Loop Diuretics**, which is the class monograph, to see the monograph for the class of drugs that includes this drug. These have nice comparison tables of all the drugs in this class.

Pharmacokinetic Parameters of the Loop Diuretics								
Diuretic	Bioavailability	Half-life	Onset of action	Peak	Duration	Dose	Relative potency	Doses/day
Furosemide								
Oral	60% to 64% ^a	~ 120 min ^b	within 60 min	60 to 120 min ^d	6 to 8 h	20 to 80 mg	1	1 to 2
IV or IM			within 5 min ^c	30 min	2 h	20 to 40 mg	1	
Ethacrynic acid								
Oral	~100%	60 min	within 30 min	120 min	6 to 8 h	50 to 100 mg	0.6 to 0.8	1 to 2
IV			within 5 min	15 to 30 min	2 h	50 mg	0.6 to 0.8	1 to 2
Bumetanide								
Oral	72% to 96%	60 to 90 min ^e	30 to 60 min	60 to 120 min	4 to 6 h	0.5 to 2 mg	~ 40	1
IV			within minutes	15 to 30 min	0.5 to 1 h	0.5 to 1 mg	~ 40	1 to 3
Torsemide								
Oral	~ 80%	210 min	within 60 min	60 to 120 min	6 to 8 h	5 to 20 mg	2 to 4	1
IV			within 10 min	within 60 min	6 to 8 h	5 to 20 mg	2 to 4	1

^aDecreased in uremia and nephrosis.



PEPID contains **prescription drugs, alternative medicines, and over the counter medications** in the **CRC Platinum Suite** section. Search for the drug you want to look up in the Search box and tap the term that comes up. The monograph is for the generic form of that drug. The Trade Names section contains a list of all the Brand names containing this medication.



The contents of PEPID's monographs is somewhat more detailed than Epocrates'. One example of this is the lists of Adverse Reactions which contain the percentage of people reporting the reaction. There is no list of drug interactions.

However, you are directed to the interaction tool. Tapping the link to the Interaction tool puts the current drug in the list of drugs in the tool. There is also overdose and cost information. The kinetics/dynamics section contains great deal of pharmacology information.

On the App, the subsections list pull out from the left by tapping the top left of the screen. The list of subsections also scrolls. However, the monograph is one long screen which can also be scrolled.

All doses are hyperlinked to a dosage calculator.

PEPID includes an IV Compatibility Tool and a Pill Identifier Tool.

Dynamed Plus Drug Monographs

Drug Reference

Dynamed Plus contains the Micromedex drug monographs as well as their own which are evidence-based reviews of the literature, with levels of evidence provided. These are linked to disease content, so that when you encounter a drug in a disease topic, it will link to the monograph on that drug. The level of detail in each monograph is comparable to that in Facts and Comparisons including nice comparison tables. References are linked to Pubmed where the FSU button will take you to the original article.

Dynamed Plus is available either online or in a mobile app. The website is mobile friendly when viewed on a smartphone.

DynaMed Plus

digoxin

Search

Q

Related Summaries

International Formulary

Potentially Inappropriate Medication Use in Older Adults

▶ Dosing & Indications

▶ Contraindications/Warnings

Drug Interactions

▶ Adverse Effects

IV Compatibility

▶ Class/US Availability

▶ Mechanism of Action/Pharmacokinetics

▶ Administration/Monitoring

▶ How Supplied

▶ Toxicology

Digoxin

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Related Summaries

- Heart failure (list of topics)
- Heart failure with reduced ejection fraction
- Rate control in atrial fibrillation

International Formulary

- See Brands below for prescribing information from United States, Canada, United Kingdom, Australia

Potentially Inappropriate Medication Use in Older Adults

- American Geriatrics Society (AGS) Beers Criteria recommends (in patients ≥ 65 years old) avoiding digoxin
 - as first-line therapy for atrial fibrillation (AGS Strong recommendation, Moderate quality evidence)
 - may be associated with increased mortality
 - more effective alternatives exist
 - as first-line therapy for heart failure (AGS Strong recommendation, low quality evidence)

Digoxin

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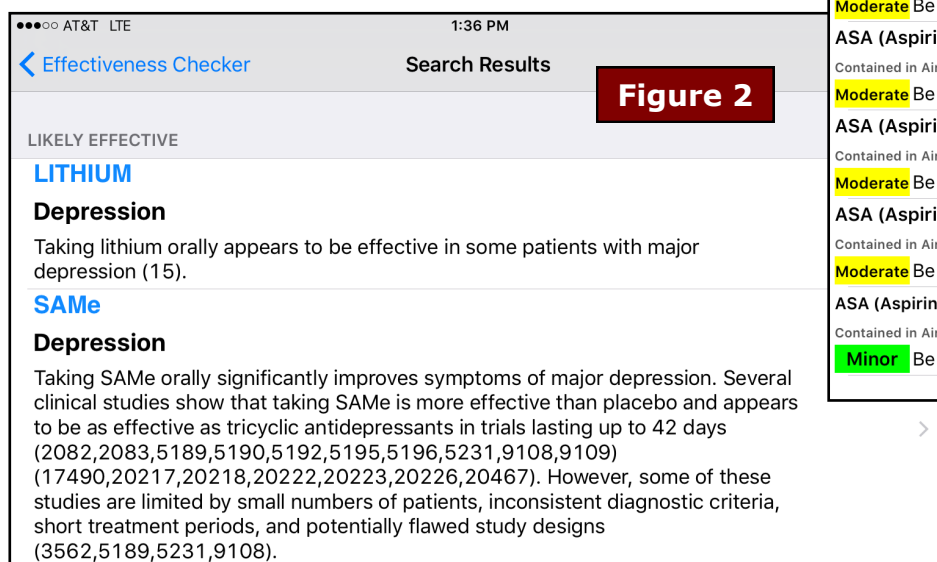
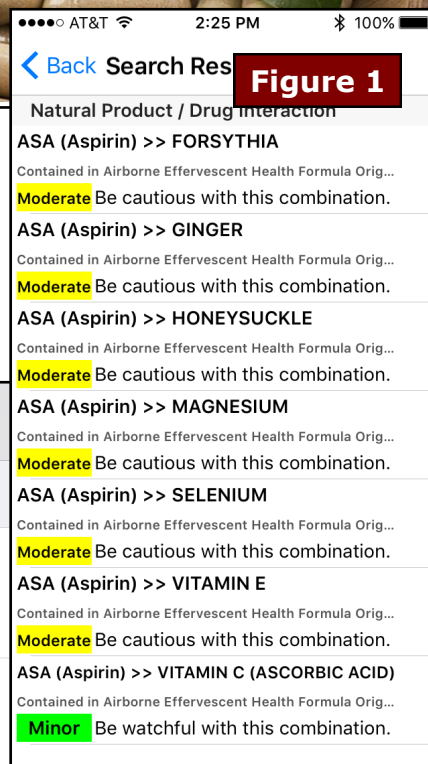
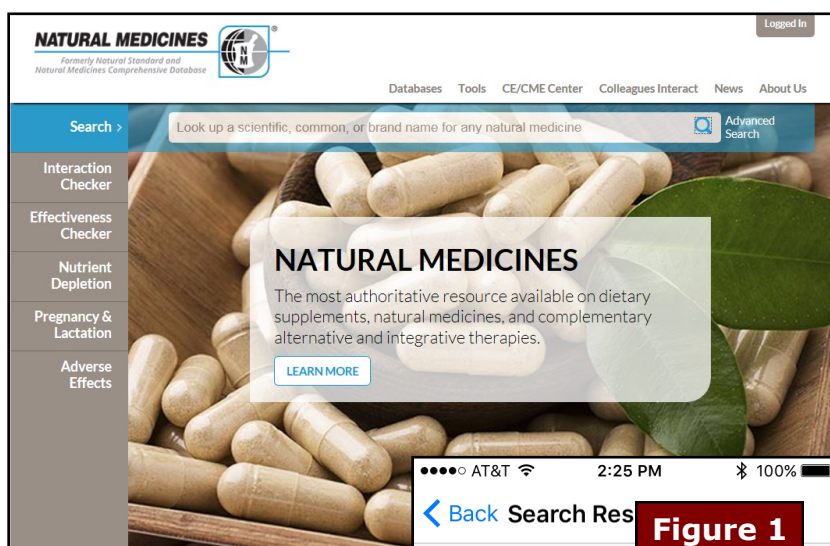
IV Compatibility

Gallium nitrate	Compatible
Ganciclovir sodium	Compatible
Garenoxacin Mesylate	Incompatible
Gatifloxacin	Compatible
Gemcitabine hydrochloride	Compatible
Gemtuzumab ozogamicin	Incompatible
Gentamicin sulfate	Compatible
Glycopyrrolate	Compatible
Granisetron hydrochloride	Compatible
Haloperidol lactate	Caution: Inconsistent Data
Heparin sodium	Compatible
Hetastarch 6% (Hextend)	Compatible
Hydralazine hydrochloride	Caution: Inconsistent Data

Natural Medicines

Natural Medicines brings the evidence for or against the effectiveness of alternative and complementary therapies. In addition to monographs on many more natural medicines than any of our other resources, they provide excellent ways of approaching these therapies. There is a drug interaction tool which will break down OTC and alt meds into their components, then run the interaction with prescription medicines. **Figure 1** demonstrates the interaction between Aspirin and Airborne run on the iPhone Natural Medicines App.

The Effectiveness Checker allows you to look up a disease or condition; then tells you the level of effectiveness of the various natural products and alternative therapies available for the disease or condition in question. Such as Depression in **Figure 2**.



Under Databases are excellent monographs on Food, Herbs & Supplements, Health & Wellness, Sports Medicine, Comparative Effectiveness, Manufacturers, Commercial Products and Medical Conditions. These are new additions to the resource after the merger with another popular natural medicines database.

Under CE/CME Center, the Clinical Management Series provides practical evidence-based recommendations for OTC or alt meds in chart format on various conditions.

Other Drug Databases

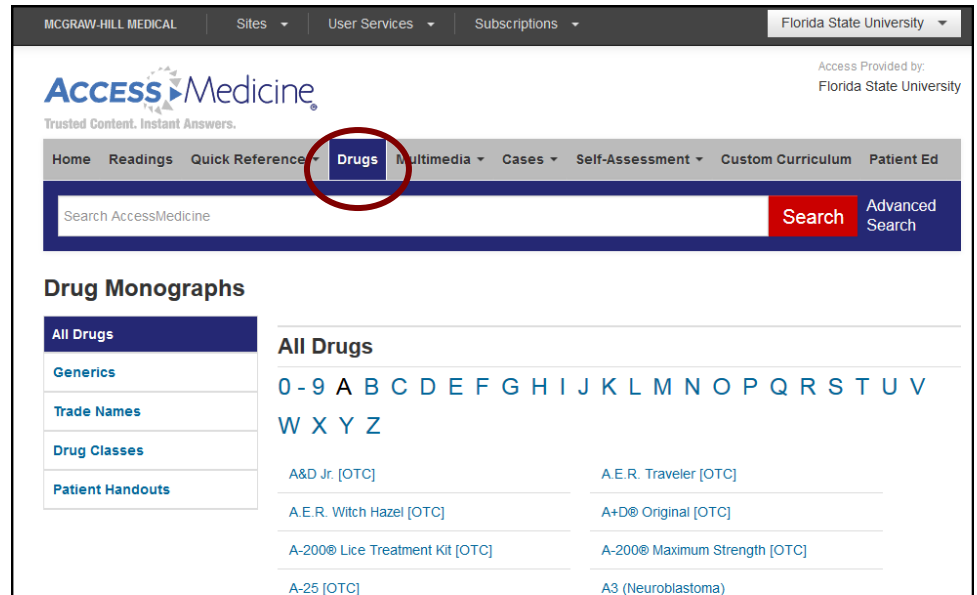
The very popular Lexidrug database can be found in Access Medicine. You can look for a drug by typing the name in the search box or click on the **Drugs** tab at the top of the web interface that will take you to an alphabet listing of the drugs, which is the fastest and easiest way to pull up a monograph.

The search box searches all the Access Medicine resources, including books, images, cases, etc. After searching for a drug, you must select Drugs on the results list to find the drug monograph.

There are no drug tools like an interaction checker or dosage calculator in Access Medicine.

Figures 1 and 2 demonstrates the steps necessary in locating the drug monograph for furosemide after searching.

Drug Monographs



MCGRAW-HILL MEDICAL Sites User Services Subscriptions Florida State University

ACCESS Medicine
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Home Readings Quick Reference **Drugs** Multimedia Cases Self-Assessment Custom Curriculum Patient Ed

Search AccessMedicine Search Advanced Search

Drug Monographs

All Drugs
Generics
Trade Names
Drug Classes
Patient Handouts

All Drugs

0 - 9 A B C D E F G H I J K L M N O P Q R S T U V
W X Y Z

A&D Jr. [OTC] A.E.R. Traveler [OTC]
A.E.R. Witch Hazel [OTC] A+D® Original [OTC]
A-200® Lice Treatment Kit [OTC] A-200® Maximum Strength [OTC]
A-25 [OTC] A3 (Neuroblastoma)



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Search AccessMedicine Search Advanced Search

furosemide
Search only displays content that you own, as long as you are signed in.

Readings (491)
Textbooks (462)
Quick Dx and Rx (13)
Updates (11)
Diagnosaurus (2)
Diagnostic Tests (2)
Guidelines (1)
Images (10)
Cases (10)
Patient Education (2)
Drugs (1)

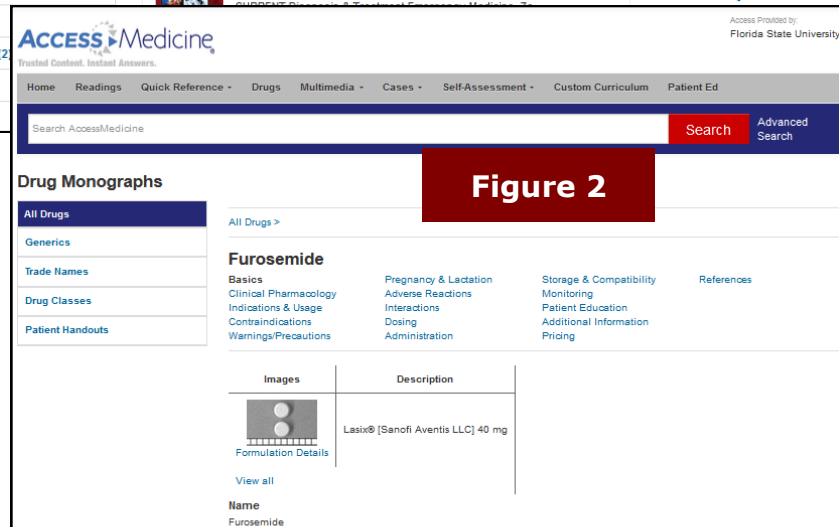
Textbooks
462 results in Textbooks

Chapter 158. Warfarin and Related Rodenticides
Poisoning & Drug Overdose, 6e

Chapter 14. Chest Pain > Furosemide

Images
Figure 123-22. Leukocytoclastic vasculitis secondary to furosemide.
Williams Hematology, 8e > Chapter 123. The Vascular Purpuras
View In Context

Figure 25-8. Dose-response curve of furosemide in chronic kidney disease. With chronic kidney disease the



ACCESS Medicine
Trusted Content. Instant Answers.

Home Readings Quick Reference **Drugs** Multimedia Cases Self-Assessment Custom Curriculum Patient Ed

Search AccessMedicine Search Advanced Search

Drug Monographs

All Drugs
Generics
Trade Names
Drug Classes
Patient Handouts

Furosemide

Basics
Clinical Pharmacology
Indications & Usage
Contraindications
Warnings/Precautions

Pregnancy & Lactation
Adverse Reactions
Interactions
Dosing
Administration

Storage & Compatibility
Monitoring
Patient Education
Additional Information
Pricing

References

Images
Formulation Details
View all

Description
Lasix® [Sanofi Aventis LLC] 40 mg

Name
Furosemide

Formulary Tools

Epocrates Formulary Tool

Both the Web and mobile versions of Epocrates have the formulary information available. Use the drop down list on the web version to select your patient's health plan, if it is available.

For the **mobile version**, you must select the formularies you want to download into the app to limit memory use. Go to

www.epocrates.com

And click on **My Account**. Select **Edit Formularies**, then sync your device.

Codes Vary by Insurer

1=Tier 1, Low copay
2=Tier 2, intermediate copay
GP=Generic Preferred; brands not covered or higher copay
NC=Not covered

Alternatives are linked to their respective monographs.



Medscape contains Formularies that have a better selection of Insurance Companies than Epocrates.

DRUGS DISEASES INTERACTION CHECK PILL ID CALCULATORS TABLES

Drug Lookup: Browse: [Drugs](#) [Alt Meds](#)

Select formulary: No Formulary Selected

Classes

- All Drugs
- Allergy/Cold
- Anesthetics
- Anesthetics
- Antimicrobials
- Asthma/Pulmonary
- Cardiovascular
- Dental/Oral Care
- Dermatologic
- Emergency
- Endocrine/Metabolism
- Gastrointestinal

Formulary List:

- AARP MedicareComplete Focus HMO
- AARP MedicareComplete HMO MA
- AARP MedicareComplete Plus
- AARP MedicareCompleteChoice PPC
- AARP MedicareRx Preferred PDP
- AARP MedicareRx Saver Plus PDP
- Alabama Medicaid
- Anthem Drug List - 2 Tier
- Anthem Drug List - 3 Tier
- AvMed Medicare Choice (HMO)
- AvMed Medicare Choice Elect (HMO)
- BCBS of Georgia - 2 Tier
- BCBS of Georgia - 3 Tier
- BCBS of MI / Blue Care Network
- CapitalHealth Advntg Plus HMO
- CapitalHealth PrfrdAdvntg HMO
- CareImprovmentPlus DualAdvntg
- CareImprovmentPlus Silver Rx
- CHP Basic Health
- Coventry Health Care
- Erickson Advantage Champion MA
- Erickson Advantage Champion PDP
- EricksonAdvntgSignature w/Drugs

Select patient's formulary from list

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DRUGS DISEASES INTERACTION CHECK PILL ID CALCULATORS TABLES

Drug Lookup: Select formulary: TRICARE

Classes

- All Drugs
- Allergy/Cold/ENT
- Anesthetics
- Anesthetics
- Antimicrobials
- Asthma/Pulmonary
- Cardiovascular
- Dental/Oral Care
- Dermatologic
- Emergency
- Endocrine/Metabolism
- Gastrointestinal

Drug Names

#	A	B	C
1	Zithromax		2
2	ziv-afibcept		GN
3	Zmax		3
4	Zocor		2
5	ZoDerm		2
6	Zofran		2QL
7	Zofran ODT		2QL
8	Zohydro ER		2
9	Zoladex		C

Formulary Codes appear next to drugs. Click on Code to see meaning in box

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DRUGS DISEASES INTERACTION CHECK PILL ID CALCULATORS TABLES

Drug Lookup: Browse: [Drugs](#) [Alt Meds](#)

Select formulary: TRICARE

Classes

- All Drugs
- Allergy/Cold/ENT
- Anesthetics
- Anesthetics
- Antimicrobials
- Asthma/Pulmonary
- Cardiovascular
- Dental/Oral Care
- Dermatologic
- Emergency
- Endocrine/Metabolism
- Gastrointestinal

Gastrointestinal Subclasses

- Antacids
- Antispasmodics, Gastrointestinal
- Bowel Preps
- Constipation 1: Bulk Laxatives
- Constipation 2: Lubricant Laxatives
- Constipation 3: Osmotic Laxatives
- Constipation 4: Stimulant Laxatives
- Constipation 5: Stool Softeners

Nausea/Vomiting

Drug Names	Generic Names	Codes
chlorpromazine	generic	1
dronabinol	generic	1
meclizine	generic	1
metoclopramide	generic	1
prochlorperazine maleate	generic	1
prochlorperazine rectal	generic	1

View Alternatives: [Nausea/Vomiting](#)

Click Here for Alternatives. Brings up Class.

Drug Interaction Tools

Epocrates ONLINE—Drug Interaction Tool

The **Drug Interaction Tool** in Epocrates ONLINE is called **MultiCheck** and is found by tapping on the **Interaction Check** tab. Basically, you select each drug and **Add to List** all drugs that you want to check. **MultiCheck shows you the interactions as you add drugs.** Under **MultiCheck Results**, all interactions found will be listed with a description of the nature of the interaction in the box at right of the drug list.

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DRUGS DISEASES **INTERACTION CHECK** PILL ID CALCULATORS TABLETS

Add a Drug: aspi

Selected Drugs

- Coumadin
- warfarin
- Zocor
- simvastatin

aspirin
Durlaza
Bayer Aspirin
Bayer Aspirin Extra Strength
Bayer Aspirin Extra Strength Plus
Bayer Low Dose Aspirin
Bufferin
Ecotrin
Ecotrin Low Strength
St. Joseph Low Dose Aspirin
aspirin
aspirin/caffeine
aspirin/calcium carbonate
aspirin/chlorpheniramine/dextromethorphan/phenylephrine
aspirin/chlorpheniramine/phenylephrine
aspirin/citric acid/sodium bicarbonate
aspirin/diphenhydramine
aspirin/dipyridamole
aspirin/doxylamine/dextromethorphan/phenylephrine
acetaminophen/aspirin
acetaminophen/aspirin/caffeine

Click on drug

/Modify Tx

(warfarin) + Zocor (simvastatin) 1

Interactions are listed here.

Continue adding drugs to list

- aspirin/doxylamine/dextromethorphan/phenylephrine
- aspirin/phenylephrine
- acetaminophen/aspirin
- acetaminophen/aspirin/caffeine
- Bayer Advanced Aspirin Extra Strength
- Bayer Aspirin
- Bayer Aspirin Extra Strength Plus
- Bayer Low Dose Aspirin
- Bayer Women's Low Dose Aspirin
- butalbital/aspirin/caffeine
- butalbital/aspirin/caffeine/codeine
- carisoprodol/aspirin
- carisoprodol/aspirin/codeine
- dihydrocodeine/aspirin/caffeine
- oxycodone/aspirin

Bayer Aspirin Extra Strength Plus
Bayer Low Dose Aspirin
Bayer Women's Low Dose Aspirin
butalbital/aspirin/caffeine
butalbital/aspirin/caffeine/codeine
Fiorinal with Codeine
butalbital/aspirin/caffeine/codeine
carisoprodol/aspirin
carisoprodol/aspirin/codeine
dihydrocodeine/aspirin/caffeine

The dot before a drug means that there are multiple drugs to choose from in that category. Clicking on that drug name will expand the choices.

Drug Interaction Tools

Drug Interaction Tool in Epocrates iPhone

The **Drug Interaction Tool** in Epocrates is found by tapping on the **Interaction Check** icon. The purpose of this tool is to look to see if any of the drugs your patient is taking interact adversely. You should check to see if the drug you are considering prescribing interacts with any of the drugs the patients is on. When you start this tool, it opens the view in **Figure 1**. Tap the **+** sign to start adding drugs. One by one you will select and add each drug in the patient's medications list. Then you will run MultiCheck. Here are the steps:



1. Find a drug on the patients medications list (**Figure 2**) and tap on it to start your list (**Figure 3**)
3. Tap the **+** again. Continue adding drugs including the prescription you are considering and any Alternative Meds that patient is taking.

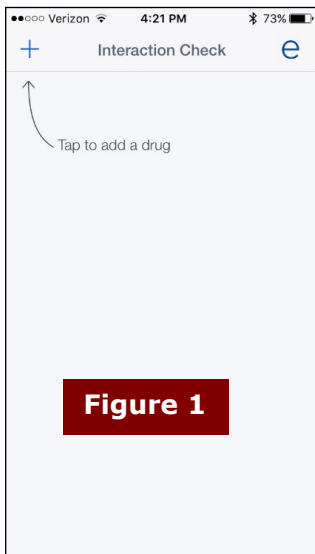


Figure 1

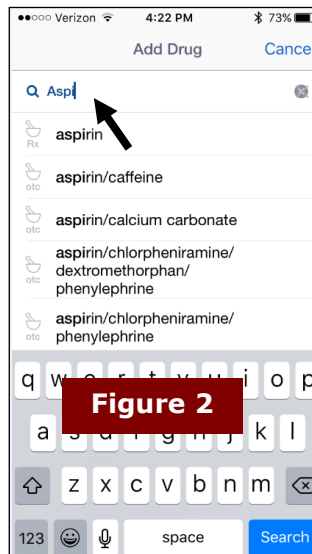


Figure 2

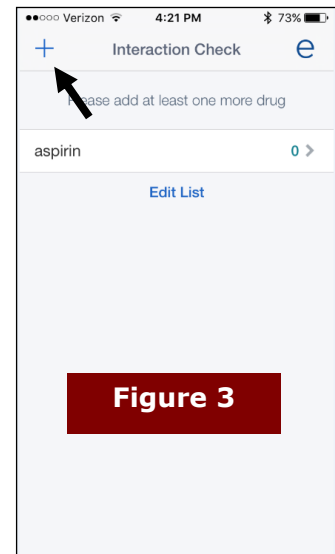


Figure 3

4. When all are there, (**Figure 4**) tap **interactions found>**. You can choose to look at the interactions by drug or **All Interactions** shown in **Figure 5**.
5. Tap on each interaction to read an explanation of the interaction with recommendations. (**Figure 6**) Tap the **Back button** **<** to go back and add more drugs to your preexisting list. Click the little **e** to return to

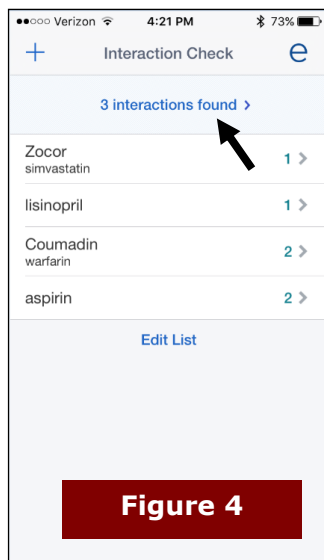


Figure 4

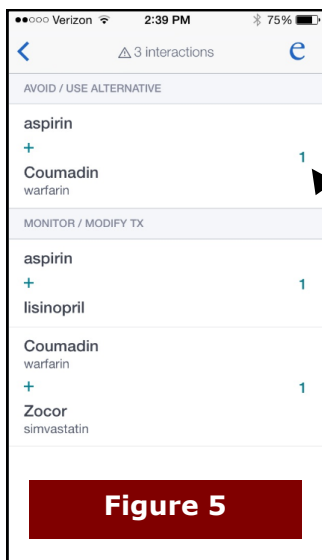


Figure 5

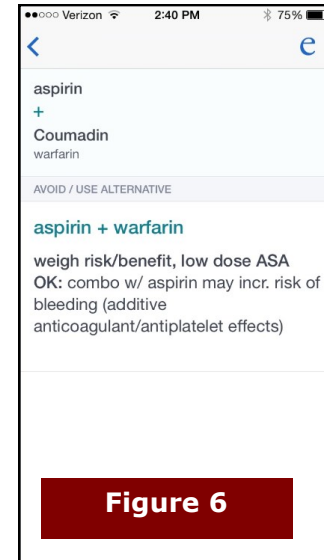


Figure 6

Drug Interaction Tool in Facts & Comparisons

Facts and Comparisons Drug interaction tool provides a very detailed description of any resulting interactions including the significance, onset, severity, and level of evidence of the interaction. The tool is accessed from the top left of the main page. You can include patient information including problems list, any drug allergies, age, gender, pregnancy, lactation, and smoking status.

Drug-food and drug alcohol interactions are provided unsolicited.

Interactions

Selected Items

Drugs

- ☒ Aspirin Adult Low Dose Oral
- ☒ Coumadin Oral
- ☒ PROzac Oral

Allergies

None

Diseases/Conditions

None

☐ Pregnant

☐ Lactating

☐ Duplicate Drug Therapy

Search

Search Drugs

Enter drug name

Search Allergies

Enter allergy name

Search Diseases/Conditions

Enter disease or condition name

Important Product Information

Interactions DOES NOT address chemical compatibility related to I.V. drug preparation or administration. Information regarding the compatibility of mixing two or more I.V. drugs together in the same container, or running them together through the same I.V. administration line is available through the I.V. Compatibility module, if included with your subscription.

Interactions screening DOES NOT address allergenic potential of inactive medication ingredients such as dyes, preservatives, buffers, diluents, and flavoring agents.

Type in patient's drugs, food and herbals and click Add

Check list, add more if information about the

Interaction Analysis

- ☒ Potentially severe or life-threatening reaction/interaction
- ☐ Reaction/Interaction may cause deterioration in the patient's clinical status
- ☐ Reaction/interaction may cause minor effects

View interaction detail by clicking on link.

Drugs in this analysis: Aspirin Adult Low Dose Oral, Coumadin Oral, PROzac Oral

Drug-Drug Interactions

- ☒ [Aspirin Adult Low Dose Oral \(Salicylates\) - \(Anticoagulants\)](#)
- ☐ [Aspirin Adult Low Dose Oral \(Aspirin\) - PROzac Oral \(Serotonin Reuptake Inhibitors\)](#)
- ☐ [Coumadin Oral \(Anticoagulants\) - PROzac Oral \(Serotonin Reuptake Inhibitors\)](#)

Coumadin Oral and Aspirin Adult Low Dose Oral

Severity Level	Documentation Level	Onset
<input checked="" type="checkbox"/> MAJOR	<input checked="" type="checkbox"/> ESTABLISHED	<input checked="" type="checkbox"/> DELAYED
<input type="checkbox"/> Moderate	<input type="checkbox"/> Probable	<input type="checkbox"/> Rapid
<input type="checkbox"/> Minor	<input type="checkbox"/> Suspected	
	<input type="checkbox"/> Possible	
	<input type="checkbox"/> Doubtful/Unknown	

Summary

The risk of bleeding, particularly gastrointestinal, may be increased by coadministration of Coumadin Oral with Aspirin Adult Low Dose Oral. The use of low-dose aspirin with Coumadin Oral may provide benefit that outweighs the risk of minor bleeding.

Effect

The use of Coumadin Oral with aspirin may increase the risk of bleeding, especially gastrointestinal bleeding. However, when used with Coumadin Oral, the therapeutic benefit may outweigh the risk of minor bleeding.

Mechanism

Click on Interaction to see monograph

Pill Identifiers

Drug I.D.

Search Criteria

Imprint Side 1

377

Imprint Side 2

Dosage Form

Tablet

Shape

oblong

Color

-- Select --

x

white


Search Results

Click image for printable detail

Sorted By: Generic Name

Page 1 of 1

Exact Match Results

Image	Generic Name	Brand Name	Labeler	Imprints	Dosage Form	Strength	Shape	Colors
	TraMADol		APHENA PHARMA SOLUTIONS, KELTMAN PHARMACEUTICALS, PALMETTO STATE PHARMACEUTICALS, PHYSICIAN PARTNER, QUALITY CARE, SOUTHWOOD PHARMACEUTICALS, ST MARY'S MPP, STAT RX USA, SUN PHARMACEUTICALS	377	Tablet	50 mg	oblong	white

Facts & Comparisons Drug I.D.

Pick Drug I.D., type in the imprint, shape and color. Click Go>> and then try different pills from your results. Pictures are provided.

Type in imprint, color, shape
and color and click Search

16

Pill Identifiers

Epocrates Web Site

Select the Pill Identifier Tab and enter what ever information you have. Pictures are provided.

Epocrates iPhone

Select the Pill ID icon and enter the information you have. Pictures are also provided.



Infectious Disease Treatment Selector

Epocrates ID Tool (Mobile Only)

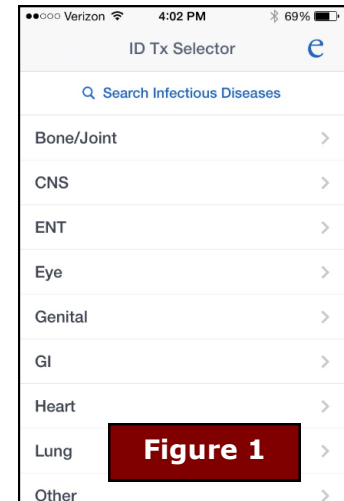
The icon for the **Infectious Disease Tool (ID)** in Epocrates can be found on the main screen.

This is a guide to antibiotics for specific microbes and diseases. When you start the ID tool you see a list of systems. (**Figure 1**)



You can answer a clinical question on the best antibiotic for an infection by looking up the condition. Type in the condition and pick from the list. (**Figure 2**)

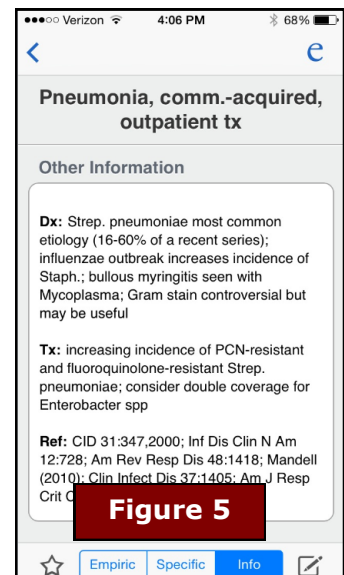
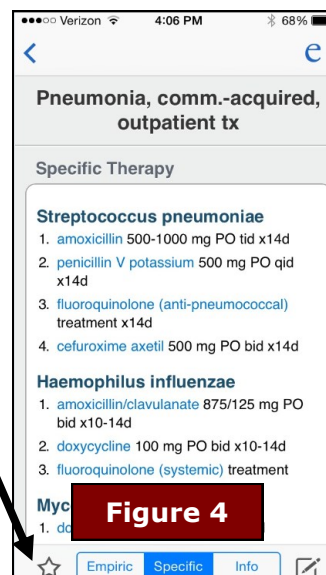
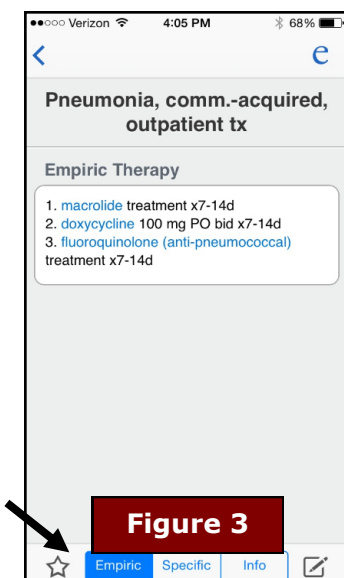
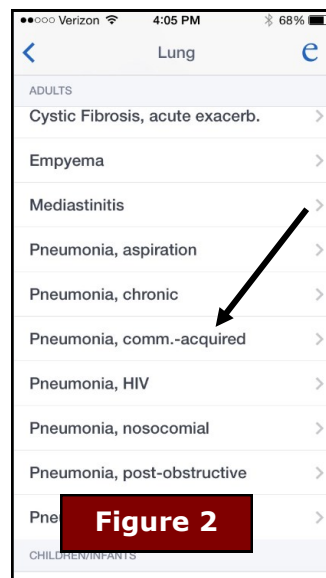
Recommendations are provided empirically, then specifically for each known microbe. There is also additional information provided on the condition.



Empiric. (**Figure 3**) Using community acquired pneumonia, see the empiric recommended antibiotic.

Specific. (**Figure 4**) Under specific are the recommendations for each microbe, if you have culture results.

Info. (**Figure 5**) Notes on the disease and treatment are under Info.

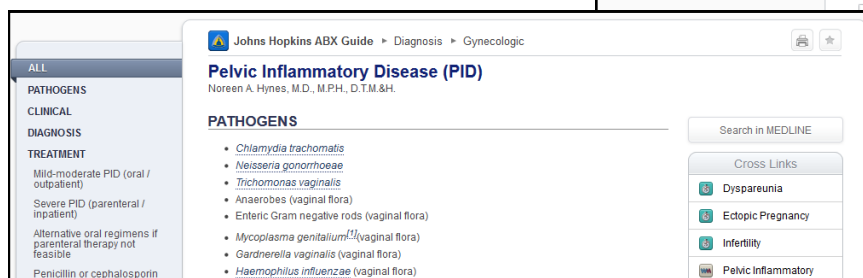
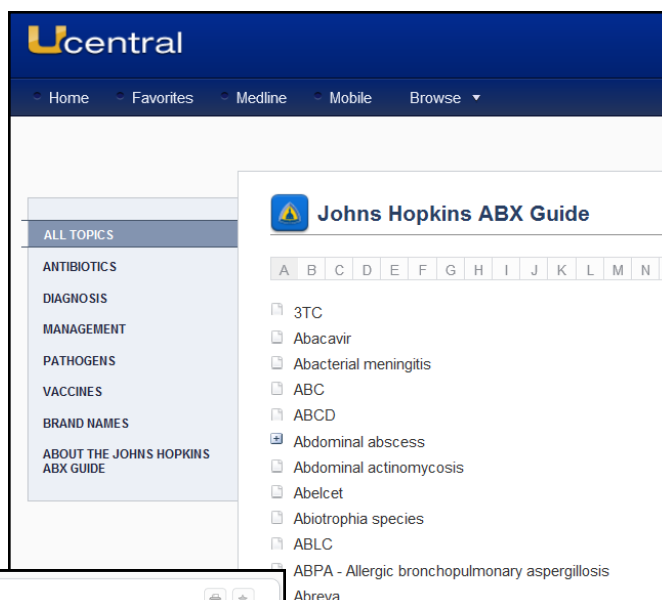


Note Add to Favorites Star

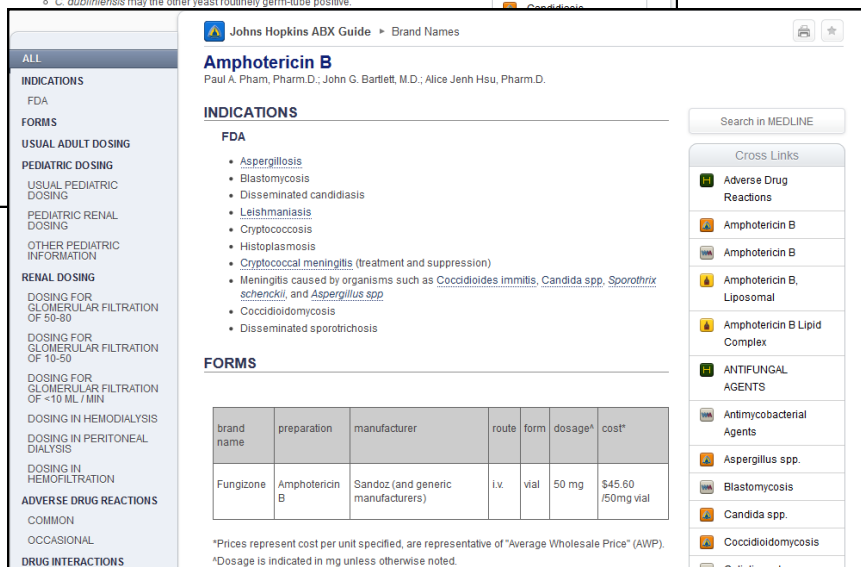
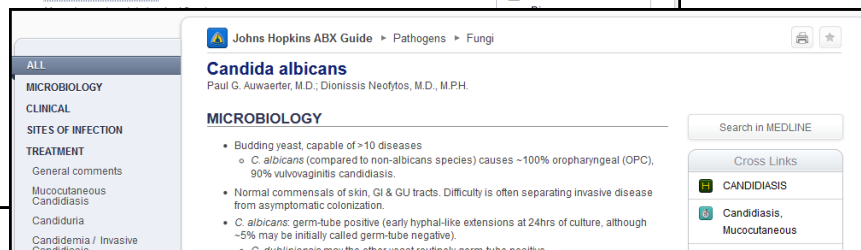
Johns Hopkins ABX Guide

Available in uCentral both online and on the mobile devices is the highly respected Johns Hopkins ABX guide. This gold standard antibiotics guide allows you to look up a microorganism, an antimicrobial drug, or a condition.

uCentral has one of the best and easiest to use interface of all of the electronic medical databases. Because we subscribe to many of their references, this resource is enhanced by its links to all others including the Washington Manual, 5 Minute Clinical Consult, and Harriet Lane.



At left is an example of a diagnosis of pelvic inflammatory disease.



Compare this with the monograph on candida albicans above and the monograph at right on the antimicrobial amphotericin B.

Immunization Tools on the Web and Mobile

Epocrates Mobile and Web

Under the **Tables** tab are a number of useful items. These include Normal Vital Signs, ACLS and PALS, Normal Adult Lab Values, and recommended Adult,



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DRUGS DISEASES INTERACTION CHECK PILL ID CALCULATORS **TABLES**

Table Lookup:

Table Categories

- Nutrition
- OB/Gyn
- Pain
- PALS
- Pediatrics
- Pharmacology
- Psychiatry
- Pulmonology
- Toxicology
- Trauma
- Vaccination

Vaccination

Vaccinations: P
Vaccinations: P
Vaccinations: P
Vaccinations: R
Vaccinations: R
Vaccinations: T

Vaccinations: Routine Adult Immunization Schedule
www.cdc.gov/vaccines/

Haemophilus b
[0.5 mL IM x1]
Info: for high-risk pts incl. sickle cell dz or asplenia if no previous dose; for hematopoietic stem cell transplant pts give 3 doses >4wk apart 6-12mo after transplant regardless of prior dose

hepatitis A
[1 mL IM x2 doses]
Info: give at 0, 6-12mo if Havirx or 0, 6-18mo if Vaxta; continue series if interrupted; for high-risk pts incl. chronic hepatic dz, clotting factor recipients, men who have sex w/ men, injection or non-injection drug users, HAV lab/primate workers, travelers to endemic areas, close contact w/ international adoptees from endemic areas during 1st 60

Essential Evidence Plus Web and Mobile

On the **web site**, search for **immunizations** in the **NGC Guidelines**. The immunization guidelines will all be linked from that page. Essential Evidence + is currently available for smartphones via a mobile formatted webpage at eplus.mobi/m

Pediatric and Travel.

ESSENTIAL EVIDENCE PLUS WILEY

Home Product Information Subscribe Support CME Credits My Account

childhood immunization

NGC Practice Guidelines

SEARCH

Browse Our Databases and Interact

- Essential Evidence Topics
- Cochrane Systematic Reviews
- POEMs Research Summaries
- EBMG Guidelines
- EBMG Evidence Sum

Decision

History

Diagnosis

Search Results

Showing 1-20 of 29 for childhood immunization

Sort by Relevance

Summary View

Refine your results by:

Content

- Epidemiology (0)
- Diagnosis (0)
- Screening and Prevention (0)
- Treatment (0)
- Prognosis (0)

Resource

- Essential Evidence Topics (52)
- Evidence (39)
- Cochrane Systematic Reviews (26)

Recommended Immunization Schedule for Persons Aged 0-6 Years, 7-18 Years

	Birth	1m	2m	4m	6m	12m	15m	18m	19-23m	2-3y	4-6y
HepB (1)	HepB	HepB	HepB	HepB							Hep B series catchup
Rotavirus (2)		Rota	Rota	Rota							
DTaP (3)			DTaP	DTaP	DTaP						DTaP
Hib (4)			Hib	Hib	Hib						
Pneumo-coccal (5)			PCV	PCV	PCV	PCV				PCV (high risk groups)	
IPV			IPV	IPV	IPV						IPV
Flu (6)									Influenza (yearly)		
MMR (7)						MMR					MMR
Varicella (8)						Varicella					Varicella
HepA (9)						HepA (2 doses)					HepA Series
Meningo (10)											MCV

Childhood immunization (ACIP)
NGC PRACTICE GUIDELINES, 1-JAN-2009

Childhood immunization catch-up 4 mo - 6 yrs (ACIP)
NGC PRACTICE GUIDELINES, 1-JAN-2009

Childhood immunization catch-up 7-18 yrs (ACIP)
NGC PRACTICE GUIDELINES, 1-JAN-2009

Immunization to eliminate transmission of hepatitis B virus infection (ACIP)
NGC PRACTICE GUIDELINES, 23-DEC-2005

Prevention of hep A through active or passive immunization (ACIP)
NGC PRACTICE GUIDELINES, 19-MAY-2006

Recommended immunization schedules for persons aged 0 through 18 years: United

Immunization Tools on the Web and Mobile

STFM Shots Web Site and CDC Vaccine Schedule App

The Society of Teachers in Family Medicine's Group on Immunization Education has developed a wonderful resource that can be used on the web or mobile device called Shots found at <http://www.immunizationed.org/>

Adult, Childhood, Medical and Catch-up schedules are provided with links to a wealth of information about each immunization including high-risk indications, adverse reactions, contraindications, and administration information. There are even pictures of the conditions against which you are immunizing.

Vaccine	Birth	1 mo	2 mos	4 mos	6 mos	9 mos	12 mos	15 mos	18 mos	19-23 mos	2-3 yrs	4-6 yrs
HepB	1st dose	2nd dose				3rd dose						
Rota		1st dose	2nd dose	see note >								
DTaP		1st dose	2nd dose	3rd dose				4th dose				5th dose
Tdap												
Hib		1st dose	2nd dose	see note >		3rd or 4th dose >						
PCV		1st dose	2nd dose	3rd dose		4th dose						
PPSV												
IPV		1st dose	2nd dose		3rd dose							4th dose
Flu							Annual (if IV only)					
MMR							1st dose					2nd dose
Var							1st dose					2nd dose
HepA							2 doses series >					
HPV												
MCV												See Note >

Shots Web Interface. Follow the link to Shots from the library Drug References web page.

CDC Vaccine Schedule App



The Centers for Disease Control and Prevention (CDC) has a free app which is easy to use. By tapping the vaccine you will get vaccination information. Below is the detail on the Varicella immunization. You can see that there is information concerning the administration and catch-up for this vaccine.

Advisory Committee on Immunization Practices (ACIP) Recommended Immunization Schedules for Persons Ages Birth through 18 years and Adults Ages 19 years and older

Child (birth-6 yrs) **Adolescent (7-18 yrs)** **Adult** **Adult Conditions**

Catch-up (4 mos-18 yrs) **Contra-indications**

months

Vaccine	Birth	1	2	4	6	9	12	15
HepB	1d	2d			3d			
Rota		1d	2d	note				
DTaP		1d	2d	3d			4d	
Hib		1d	2d	note	3d or 4d			
PCV13		1d	2d	3d			4d	
PPSV23								
IPV		1d	2d		3d			
Flu							IIV	
MMR							1d	
VAR							1d	
HepA							2d	
MCV								note

Accessible Vaccine Schedule

Birth - 15 mos **18 mos - 6 yrs** **Resources**

Minimum age: 12 months
Routine Vaccination:

- Administer a 2-dose series of VAR vaccine at ages 12 through 15 months and 4 through 6 years. The second dose may be administered before age 4 years, provided at least 3 months have elapsed since the first dose. If the second dose was administered at least 4 weeks after the first dose, it can be accepted as valid.

Catch-up vaccination:

- Ensure that all persons aged 7 through 18 years without evidence of immunity (see [MMWR 2007; 56 \[No. RR-4\]](#)), have 2 doses of varicella vaccine. For children aged 7 through 12 years, the recommended minimum interval