

Welcome Page and Search Panel

Interactions - provides the capability to REVIEW a comprehensive list of interactions associated with a specific drug, or to ANALYZE a profile for the presence of potential interactions.

Drug ID - a tool used to identify a drug based on any of the following characteristics: imprint, dosage form, shape, or color.

Calculations - a comprehensive medical calculations application covering Infusions, Pediatric and Adult Conversions, and others, Lexi-CALC is a stand-alone application that can be integrated into fields within Lexi-Drugs monographs.

I.V. Compatibility - provides access to the King Guide to Parenteral Admixtures. It offers the ability to determine if drugs are compatible and with which solutions compatibility is maintained.

Patient Care - delivers patient-specific education materials on medications, diseases, conditions and procedures in up to 18 languages. Written at a 5th to 6th grade reading level, our Lexi-PALS (Patient Advisory Leaflets) are organized in a concise and straightforward format.

Web Search - complements Lexi-Comp ONLINE by expanding the search capabilities to other medically-based web sites and the primary literature. A single search provides links to trusted, qualified healthcare web sites, eliminating the need to search sites independently.

The screenshot displays the Lexi-Comp ONLINE search interface. On the left is a search panel with a search box, a 'Within:' dropdown menu set to 'Name', and a grid of navigation buttons: HELP, INDEXES, SEARCH, Interactions, Drug ID, Calculations, I.V. Compatibility, Patient Care, and Web Search. The main content area features the Lexi-Comp ONLINE logo with the AHFS logo, the tagline 'A Concise, Authoritative, Facility-wide Solution', and two sections of links. The 'Clinical Links' section includes links for New Drugs, ASHP Drug Shortages, NLM Toxicology Databases (TOXNET), Orange Book, FDA Recalls, and Dangerous Abbreviations. The 'Training & Support' section includes links for Brief Online Tutorial, Detailed User Guide, Training Videos, Contact Support, and Integrate Lexi-Comp Into Your HIS. At the bottom, there is a copyright notice for Lexi-Comp, Inc. (1978-2008), contact information (1100 Terex Road | Hudson, OH 44236; Sales: (800) 637-5394 | Fax: (330) 656-4307), and the Lexi-Comp logo with the slogan 'IMPROVING POINT-OF-CARE DECISIONS' and the tagline 'Access More. Provide More.'

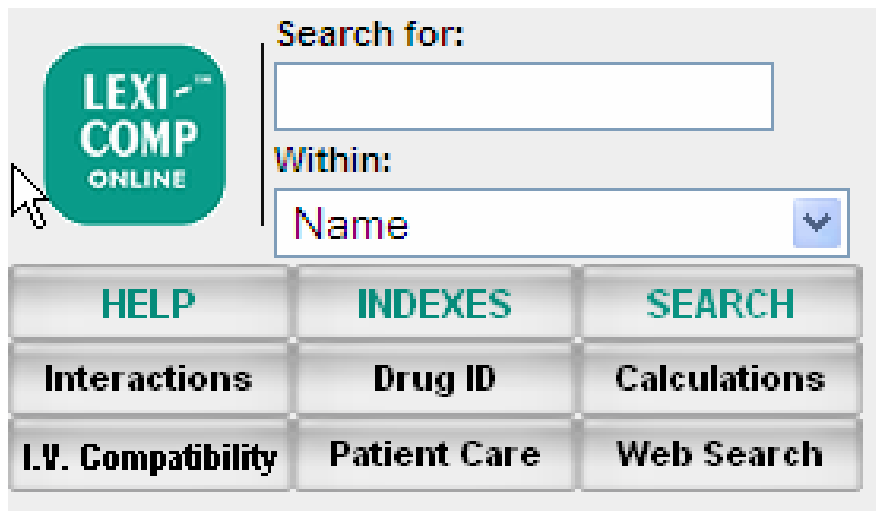
The Search Panel

The Search Panel contains controls that allow you to access information. Using these controls, you may search for information directly, by indexes, or access applications.

Search for information directly

Search by indexes

Access applications



The screenshot shows the Lexi-Comp Online search interface. On the left is the Lexi-Comp Online logo. To its right is a search form with a 'Search for:' label and an empty text input field. Below that is a 'Within:' label and a dropdown menu currently showing 'Name'. At the bottom of the panel is a grid of nine buttons: HELP, INDEXES, SEARCH, Interactions, Drug ID, Calculations, I.V. Compatibility, Patient Care, and Web Search.

HELP	INDEXES	SEARCH
Interactions	Drug ID	Calculations
I.V. Compatibility	Patient Care	Web Search

Searching

Enter the desired search word or phrase in the window labeled "Search for". Click on the Search button or hit Enter, and the search results will be displayed in the Search Results panel. The Date Stamp reflects when the particular monograph was updated.

Wildcard characters may be used when only part of a word is known. The asterisk (*) matches any sequence of characters, and the question mark (?) matches any single character. When searching for a drug by name, there is no need to include any trailing wildcards.

For example, to find all drugs commencing with the letters "war", enter "war" in the "Search for:" window. The results will be listed by brand and/or generic name.

Note: A wildcard must be used at the beginning of the search text if looking for a drug where the name contains the search text. For example, entering "arin" will only produce a list of drugs that begin with the name "arin"

The Drop-down selection list labeled "Within:" allows you to limit the search to a particular section of the stored documents. The default is a NAME search. Options include:

The Name field limits searching to generic and brand drug names, other names for lab tests, natural products, and synonyms, etc. There is also the option to search for Canadian Brand Names and International Brand Names.

The All Text selection searches for any text that matches your search anywhere throughout the library of databases.

The Charts/Special Topics selection limits your search to the material in the free-text sections of the database (Introduction, Appendices, and Special Topics). These sections include general reference material as well as guidelines, articles, graphs, and tables.

The other choices (Adverse Reactions, Contraindications, Drug Interactions, Methodology, NDC, Therapeutic Category, Use, and Warning/Precautions) are self-explanatory; they limit the search to specific fields, of information in the documents contained in the databases.

LEXI-COMP ONLINE

Search for:

Within:

HELP	INDEXES	SEARCH
Interactions	Drug ID	Calculations
I.V. Compatibility	Patient Care	Web Search

SEARCH RESULTS: par

Lexi-Drugs Online

- [Paregoric](#) Updated 04/09/08
- [Paricalcitol](#) Updated 05/19/08
- [Paromomycin](#) Updated 05/15/08
- [Paroxetine](#) Updated 06/11/08
- [Para-Time SR®](#) U.S. brand name for Papaverine Updated 04/30/08
- [Parafon Forte® DSC](#) U.S. brand name for Chlorzoxazone Updated 05/19/08
- [Paraplatin® \[DSC\]](#) U.S. brand name for Carboplatin Updated 04/30/08
- [Parcaine™](#) U.S. brand name for Proparacaine Updated 06/25/08
- [Parcopa™](#) U.S. brand name for Carbidopa and Levodopa Updated 07/03/08
- [Paremyd®](#) U.S. brand name for Hydroxyamphetamine and Tropicamide Updated 01/18/08
- [Parlodel®](#) U.S. brand name for Bromocriptine Updated 07/03/08
- [Parnate®](#) U.S. brand name for Tranylcypromine Updated 06/09/08
- [Pariet®](#) Canadian brand name for Rabeprazole Updated 06/09/08
- [Parvolex®](#) Canadian brand name for Acetylcysteine Updated 06/11/08
- [Para-Aminosalicylate Sodium](#) Synonym for Aminosalicilic Acid Updated 04/30/08
- [Paracetamol](#) Synonym for Acetaminophen Updated 06/23/08
- [Parathyroid Hormone \(1-34\)](#) Synonym for Teriparatide Updated 06/11/08
- [Parenteral Nutrition](#) Synonym for Total Parenteral Nutrition Updated 04/14/08
- [Paracefan \(BE\)](#) International brand name for Clonidine Updated 06/20/08
- [Paracid \(BE\)](#) International brand name for Lindane Updated 04/30/08
- [Paracodin \(AT, AU, CH, DE, IE\)](#) International brand name for Dihydrocodeine, Aspirin, and Caffeine Updated 04/30/08

Using Indexes from the Search Panel

Click the Indexes button and displayed is a list of the available indices for each of the databases. All titles are listed in the Search Results Panel with any available indices. For each database, links to the following indices will appear:

- View a list of drugs starting with a selected letter (Generic names, U.S. brand names)
- View a list of Charts/Special Topics
- New documents, last 90 days
- View all changes that have been made in the past 7 and 30 days
- View all of the Pharmacologic/Therapeutic Categories
- View all Special Alerts



Search for:

Within:

HELP	INDEXES	SEARCH
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Available Indices

Lexi-Drugs Online

- [Generic Names](#)
- [U.S. Brand Names](#)
- [Charts/Special Topics](#)
- [New Documents Last 90 Days](#)
- [Changed Last 7 Days](#)
- [Changed Last 30 Days](#)
- [Pharmacologic/Therapeutic Category](#)
- [Special Alerts](#)

Pediatric Lexi-Drugs Online

- [Generic Names](#)
- [U.S. Brand Names](#)
- [Charts/Special Topics](#)
- [New Documents Last 90 Days](#)
- [Changed Last 7 Days](#)
- [Changed Last 30 Days](#)
- [Pharmacologic/Therapeutic Category](#)
- [Special Alerts](#)

AHFS Essentials (Adult and Pediatric)

- [Alphabetical List](#)
- [New Documents Last 90 Days](#)
- [Changed Last 30 Days](#)
- [Special Alerts](#)

AHFS DI (Adult and Pediatric)

- [Alphabetical List](#)
- [New Documents Last 90 Days](#)
- [Changed Last 7 Days](#)
- [Changed Last 30 Days](#)
- [Special Alerts](#)

The Content Panel

The monograph selected in the Search Results Panel is displayed in the Content Panel on the right side (shown here). The monograph and database titles appear at the top of the page. The search text that was entered in the Search Panel will be highlighted in the monograph. The content in the monograph is organized in fields that are written in a concise, point-of-care format.

Papaverine
Lexi-Drugs Online

Images Interactions Adult PALS English

Jump To Field (Select Field Name)

- Jump To Field (Select Field Name)
- Administration: I.V.
- Administration: I.V. Detail
- Adverse Reactions
- Anesthesia and Critical Care C...
- Compatibility
- Contraindications
- Dental Health: Effects on Dent...
- Dental Health: Vasoconstrictor...
- Dietary Considerations**
- Dosage
- Dosage Forms
- Drug Interactions
- Ethanol/Nutrition/Herb Interac...
- Generic Available
- Geriatric Considerations
- Index Terms
- International Brand Names
- Lactation
- Mechanism of Action

me SR®

drochloride; Pavabid [DSC]

[Vasodilator](#)

nd cerebral ischemia associated with arterial spasm and
by arrhythmias

Additional Investigational: Parenteral: Various vascular spasms
associated with muscle spasms as in myocardial infarction, angina, peripheral and pulmonary
embolism, peripheral vascular disease, angiospastic states, and visceral spasm (ureteral, biliary,
GI colic); testing for impotence

Pregnancy Risk Factor C

Lactation Excretion in breast milk unknown/not recommended

Contraindications Hypersensitivity to papaverine or any component of the formulation

Warnings/Precautions

Concerns related to adverse effects:

- Arrhythmias: May (in large doses or with rapid infusion) depress AV and intraventricular cardiac conduction leading to serious arrhythmias (eg, premature beats, paroxysmal tachycardia).

An enhanced navigation feature is now included within the drug databases. Once a monograph is accessed from the search results panel, two things happen:

1. The monograph is displayed in the Content Panel on the right, and
2. A new dynamic field navigation list replaces the search results on the left side.

Within the monograph you can still use the Jump To Field (Select Field Name) drop-down, which provides an alphabetical list of all the fields, or you can use the display on the left, which lists the fields in the order in which they appear in the monograph. Use either option to navigate throughout the monograph.

There are three ways to search the Content Panel: the Jump To Field (Select Field Name) option, the scroll bar on the right, or by using the field menu that appears in the Search Results Panel once a monograph is displayed.

Jump To Field (Select Field Name) window: Here the fields are listed in alphabetical order. Select a field of interest from this window to jump directly to that particular field within the monograph. Next to each field title is an arrow that will return you to the top of the monograph.

The field listing on the left side displays the fields in the order in which they appear within the monograph. Use this option for quick navigation throughout the monograph, and if you want to see your search results again, just click on the Search button (leaving everything else the same).

1. Jump To Field
2. Scroll bar
3. Search Results Panel

Within the monographs in the Lexi-Drugs database are links to the AHFS Essentials information. The specific fields where these links are integrated include:

1. Use
2. Use: Unlabeled/Investigational
3. Warnings/Precautions
4. Adverse Reactions
5. Dosage

Click on a link to the AHFS Essentials content from the Use Field, and you are taken directly to the **Uses** field in Essentials. Note the field list on the left changed to correspond to the Essentials monograph. Field "nesting" is incorporated into the linking to information in the AHFS databases, as illustrated by the right-pointing arrows.

This provides an opportunity for more focused navigation to the exact information you need. Note that while we only have links to Essentials from specific fields within Lexi-Drugs, once in Essentials you have access to the entire monograph.

Within the monograph are links to references (**Ref**) as well as links to more in-depth information in AHFS DI.

Click on a Reference link and a new window appears with all the references that pertain to that particular statement, or group of statements, within the monograph.

Within this reference list are additional links to **PubMed**. Clicking on one of these opens a new window with the actual PubMed abstract. If your institution has an electronic subscription to that particular journal (in this case, Chest), a link can be created to take you directly to the actual journal article.

Links to PubMed are also available in the References field within the monograph.

If additional details are needed, click on the link to the full AHFS DI (the AHFS "Red Book") monograph. Here you will find more comprehensive content that discusses role in therapy and comparative efficacy issues, and there are embedded links to references here too. Again, note that the field names on the left changed to correspond to the new database.

Within both AHFS Essentials and AHFS DI there are "daggers" throughout the **Use** field. These indicate that the use being described is unlabeled/investigational. Clicking on the dagger link takes you to the end of the monograph where an explanation is provided.

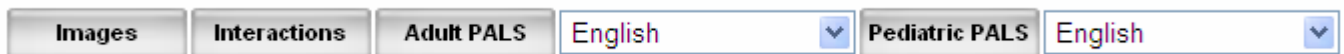
Drug Monograph Modules

Access to drug identification information (**Images**), drug interaction information (**Interactions**), and Patient Advisory Leaflets (**Adult-PALS and Pediatric-PALS**) is provided through the Module Access buttons.

Drug Images - includes color images for each medication.

Drug Interactions - provides a list of drug and natural product interactions, displayed alphabetically with Significance Level, to alert you to a specific interaction quickly.

Patient Advisory Leaflets - Adult-PALS and Pediatric-PALS are our medication Patient Advisory Leaflets, covering over 1200 adult and over 600 pediatric medications. They are written in a concise question-and-answer format and are available in up to 18 languages. These leaflets are accessible through a drug monograph or can be accessed using our Patient Care Module.







Drug Images within a Monograph

Clicking on the Images button will display a list of photographs of the brand and generic versions of the medication (oral solid dosage forms only). Clicking on an individual image will provide a larger view and detailed information about the medication.

Alprazolam

(Select Brand Name) Jump to Brand

Available Products (click image to view detail)

Image	Description
	[Actavis US] Tablet (0.25 mg)
	[Actavis US] Tablet (0.5 mg)
	[Actavis US] Tablet (1 mg)
	[Actavis US] Tablet (2 mg)

Interactions Content Within a Drug Monograph

Clicking on the **Interactions** button will display a complete listing of known interactions for that particular drug along with the risk rating for each. Full interaction information, including an 8-field interaction monograph, can be viewed by clicking on the drug names listed.

Known Alprazolam Interactions

(Click Interacting Drug for Interaction Description)

Interacting Drug (Generic Name)	<u>Risk Rating</u>
Acebutolol	B: No action needed
AcetaZOLAMIDE	C: Monitor therapy
Acetophenazine	C: Monitor therapy
Acrivastine	C: Monitor therapy
Alcohol (Ethyl)	C: Monitor therapy
Alfentanil	C: Monitor therapy
Aluminum Hydroxide	B: No action needed
Aminoglutethimide	C: Monitor therapy
Aminophylline	D: Consider therapy modification
Amiodarone	B: No action needed
Amitriptyline	C: Monitor therapy
Amobarbital	C: Monitor therapy
Amoxapine	C: Monitor therapy
Amprenavir	D: Consider therapy modification
Aprepitant	C: Monitor therapy
Aripiprazole	C: Monitor therapy
Atazanavir	D: Consider therapy modification

Patient Advisory Leaflets (PALS) Within a Monograph

Adult PALS and Pediatric PALS are available as links within a monograph. These documents, available in up to 18 languages, are written in a question and answer format, at a 5th-6th grade reading level. They are designed to help patients better understand how to take their medicines. Click on either button, select the appropriate language, and the leaflet will be displayed. The Pediatric PALS are designed for caregivers and parents.

Here is an example of an adult PAL; note the Q & A format of the document.



[Customize Leaflet](#)

Alprazolam (al PRAY zoe lam)

U.S. Brand Names Alprazolam Intensol®; Niravam™; Xanax XR®; Xanax®

Canadian Brand Names Alti-Alprazolam; Apo-Alpraz®; Apo-Alpraz® TS; Gen-Alprazolam; Novo-Alprazol; Nu-Alprax; Xanax TS™; Xanax®

Mexican Brand Names Alzam; Farmapram; Irizz.; Neupax; Tafil; Tazun

Dosage Forms

- ◆ This medicine is available as a liquid, an oral-disintegrating tablet, and a tablet.

Pharmacologic Category Benzodiazepine

Is it safe for my child to take this medicine?

- ◆ Not if your child has an allergy to alprazolam or any other part of this medicine.

Clinical Modules

The next section will focus on our 6 clinical applications that are accessible within the Search panel:

Lexi-Interact™ - provides the capability to REVIEW a comprehensive list of interactions associated with a specific drug, or to ANALYZE a profile for the presence of potential interactions.

Lexi-Drug ID™ - a tool used to identify a drug based on any of the following characteristics: imprint, dosage form, shape, or color.

Lexi-CALC™ - a comprehensive medical calculations application covering Infusions, Pediatric and Adult Conversions, and others. Lexi-CALC is a stand-alone application that can be integrated into fields within Lexi-Drugs monographs.

Lexi-I.V. Compatibility™ - combines content from the King Guide® to Parenteral Admixtures® with complementary information from Lexi-Comp. It provides the ability to determine if drugs are compatible and with which solutions compatibility is maintained.

Patient Care Module - delivers patient-specific education materials on medications, diseases, conditions, and procedures in up to 18 languages. Written at a 5th to 6th grade reading level, our Lexi-PALS™ (Patient Advisory Leaflets) are organized in a concise and straightforward format ideal for patient counseling.

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Interactions	Drug ID	Calculations
I.V. Compatibility	Patient Care	Web Search

Summary

- SEARCH** for information in multiple clinical databases
- SAVE** time using Lexi-Comp's intuitive search engine
- ACCESS** up-to-date information in thousands of monographs
- UTILIZE** the various modules and applications to solve problems
- MANAGE** drug therapy more effectively
- IMPROVE** patient care

Search for:

Within:

HELP **INDEXES** **SEARCH**

Interactions Drug ID Calculations

I.V. Compatibility Patient Care Web Search

SEARCH RESULTS

Lexi-Comp ONLINE with **AHFS**

A Concise, Authoritative, Facility-wide Solution

Clinical Links


- ◆ New Drugs
- ◆ ASHP Drug Shortages
- ◆ NLM Toxicology Databases (TOXNET)
- ◆ Orange Book
- ◆ FDA Recalls
- ◆ Dangerous Abbreviations

Training & Support

- ◆ Brief Online Tutorial
- ◆ Detailed User Guide
- ◆ Training Videos
- ◆ Contact Support
- ◆ Integrate Lexi-Comp Into Your HIS

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LEXI-COMP **IMPROVING POINT-OF-CARE DECISIONS**
Access More. Provide More.

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