



Online and  
mobile drug  
information  
for students  
and faculty

Clinical Drug Information

## *Academic Solution*





# Wolters Kluwer Clinical Drug Information Academic Solution

Leading medical academic institutions across the world subscribe to Wolters Kluwer Clinical Drug Information solutions to help prepare students for their professional careers. The Academic Solution can provide site-wide access for healthcare programs across your entire university to our most relevant suite of clinical references. This unique offering allows your university's students and faculty access to top-ranked drug information databases and resources from respected applications Lexicomp® and Facts & Comparisons®.

- Online
- Mobile Apps



For over 35 years, Wolters Kluwer Clinical Drug Information application lines Lexicomp and Facts and Comparisons have provided industry-leading, point of care drug information to healthcare academic institutions. Students and faculty gain valuable access to Wolters Kluwer Clinical Drug Information through online access and mobile apps for smartphones and tablets. Highly regarded by hospital clinicians, these medication information resources will help your pharmacy, medical and nursing students be better prepared for their professional careers.



# Online

The Lexicomp® Online platform provides wide-ranging drug, disease and clinical information healthcare professionals trust every day. With information designed for use at the point of care, our online platform helps students enhance the care they provide patients in an educational setting, and it helps promote a better learning experience and better outcomes for the patients your students treat. Hospital pharmacists, physicians, nurses and other clinical staff use industry-leading Wolters Kluwer Clinical Drug Information offerings to collaborate with each other. Lexicomp Online was developed for the clinical setting, and future enhancements will continue to focus on the professional clinical environment.



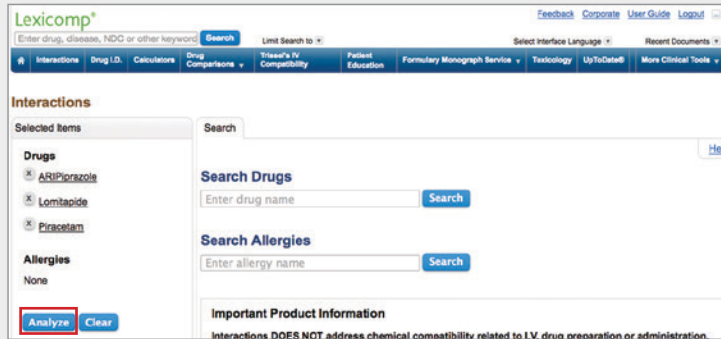
## Benefits:

- Information is unbiased – our in-depth information is not paid for or influenced by pharmaceutical companies or manufacturers
- Daily updates to new medications, indications, warnings and more to provide students and faculty timely content
- Clear, concise and relevant medicine and clinical information helps users quickly locate information on a range of topics, helping to facilitate decision making
- Access to databases and modules including drug interactions, patient education, more than 130 medical calculators, and links to PubMed for further research
- Patient Education database provides easy-to-read materials in up to 19 languages to help clinicians educate patients on their medications, procedures, and conditions
- Helps prepare students for the professional world by providing valuable experience with a resource used in over 2,400 hospitals and health systems worldwide

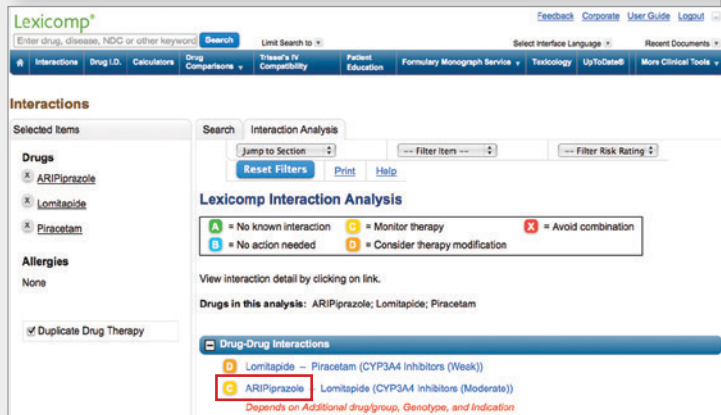


# How will students use Lexicomp Online?

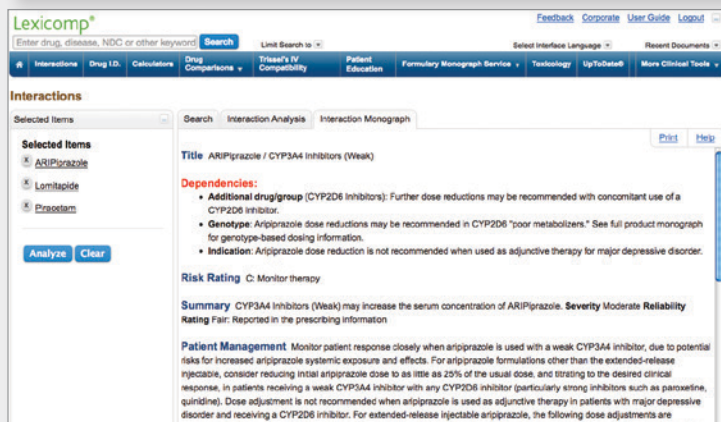
A pharmacy student is asked to explore potential interactions with piracetam. In particular, there is a question about potential interactions with aripiprazole and lomitapide. The student selects the interaction tool from the blue top navigation bar in Lexicomp Online. Piracetam is added. Aripiprazole and lomitapide are also selected to create a drug list for analysis:



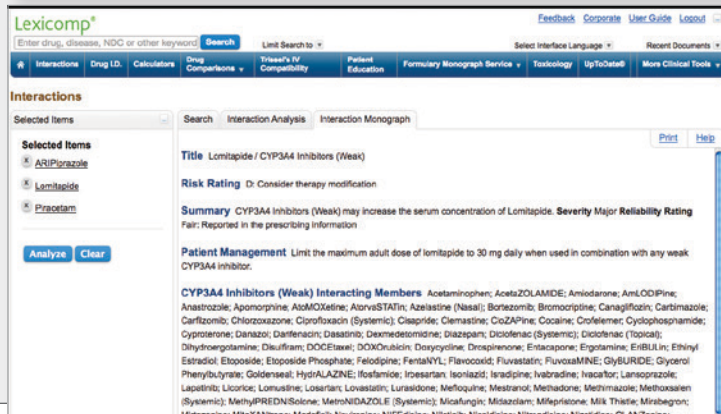
The student clicks “Analyze,” and results/ classifications are displayed. Interactions which are dependent on other factors, including the genotype of the patient, are highlighted:



The student decides to explore the nature of these interactions and any management considerations. Piracetam is characterized as a weak inhibitor of the CYP3A4 isoenzyme, which may interact with the metabolism of aripiprazole. To learn more about the interaction, particularly the risk associated with the metabolism of aripiprazole. To learn more about the interaction, particularly the risk associated with genotype, the student clicks on the summary statement.



The full monograph is now displayed. The student may learn more about the nature of the interaction and how the genotype of a related enzyme may increase risk related to this interaction.



The student returns to the analysis summary and selects the lomitapide-piracetam interaction. The monograph offers direct guidance on the management of this interaction, including a recommendation to reduce the dose when used in combination with any weak CYP3A4 inhibitor, such as piracetam.



# Online Enhanced pharmacy and role-in-therapy content

A Lexicomp Online subscription includes enhanced clinical and formulary management content from Facts & Comparisons to provide students at your institution instant access to interactive drug comparisons tool, comparative efficacy monographs, role-in-therapy content, and class monographs. These databases and modules assist with medical research and help verify drug information decisions at the point of care.



## Benefits:

- Access to trusted comparison tools, including side-by-side monographs and tables to aid in prescription and over-the-counter medication selection, plus the ability to build your own drug comparison tables
- Product tables address common retail pharmacy inquiries on over-the-counter products, such as which cough/cold medications may provide the greatest benefits
- Class monographs feature details about properties common to a given pharmacologic class to assist with therapy decisions
- Clinical content geared specifically for the needs of the pharmacist helps support practical decision making

## How will students use enhanced pharmacy content?

**CASE:** Specific characteristics across a drug class are being evaluated by the medical team providing care for a patient. The team would like a brief comparison between drugs in the class of “endothelin receptor antagonists,” a class that includes bosentan, ambrisentan, and macitentan. Specifically, differences between indications, contraindications, and warnings are requested. The student accesses the comparative tables feature within Lexicomp Online to prepare a report in seconds.

The individual drugs are added, and indications, as well as contraindications/precautions, are selected in the comparative data tables.

A table is created which displays the selected content for each drug.

The table may be printed for distribution, or an individual term may be selected for additional clinical detail on the screen. In this case, details regarding the indication of Raynaud's Phenomenon are selected for the drug bosentan, and the following details are displayed.

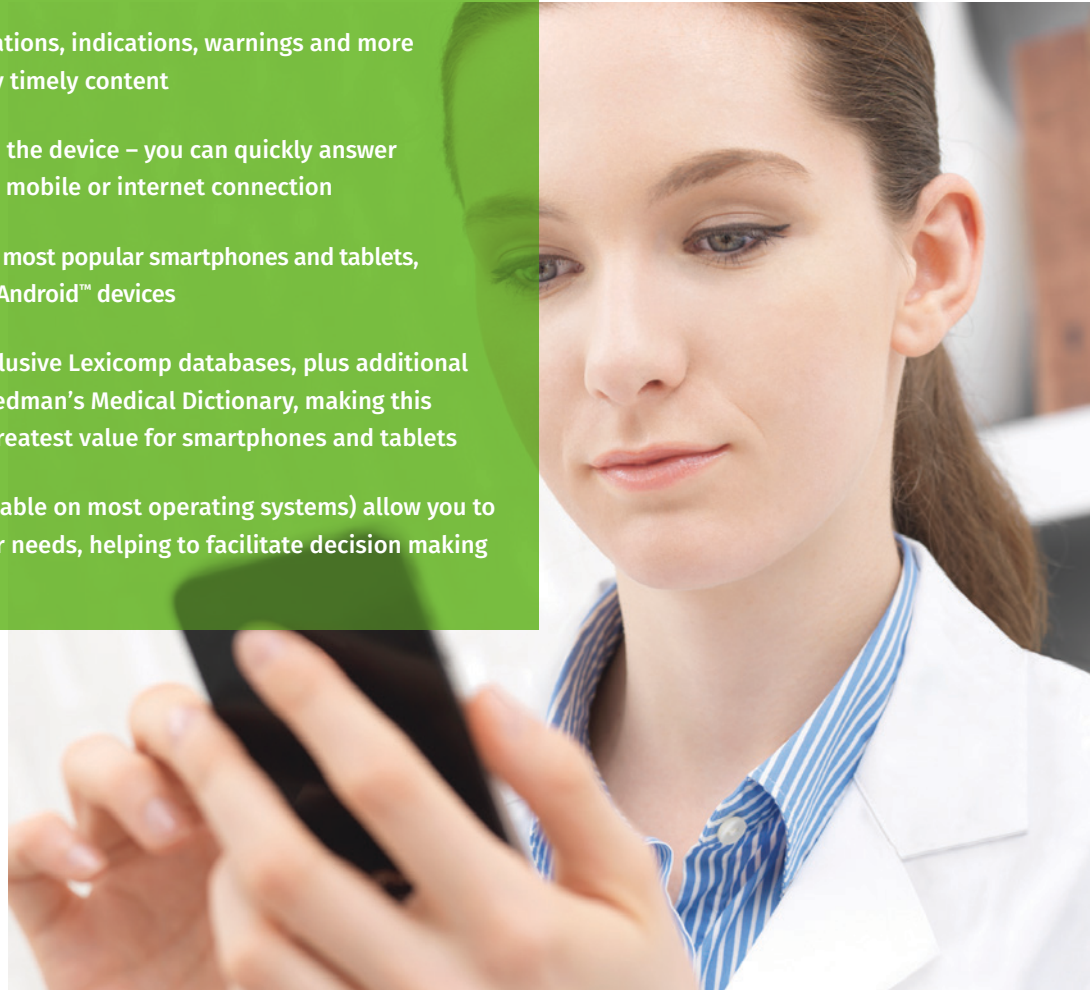
# Mobile Apps

Quickly and conveniently, students and faculty can access Wolters Kluwer Clinical Drug Information drug and clinical content while on the go with our best-selling mobile app, Lexi-COMPLETE. With more than 20 databases, featuring up to date, in-depth information on drugs, natural products, interactions and more, mobile apps help students and faculty save time and increase efficiency at the point of care. Students will also be able to answer tough questions while in class or on rotation.



## Benefits:

- In-depth databases are compiled, reviewed and managed by advanced-degree pharmacists with the practical needs of pharmacists, physicians and nurses in mind
- Daily updates to new medications, indications, warnings and more provide students and faculty timely content
- Content is stored directly on the device – you can quickly answer questions even if there is no mobile or internet connection
- Apps are compatible with the most popular smartphones and tablets, including iPad®, iPhone®, and Android™ devices
- Lexi-COMPLETE contains exclusive Lexicomp databases, plus additional licensed content, such as Stedman's Medical Dictionary, making this premier Lexicomp app the greatest value for smartphones and tablets
- Customizable features (available on most operating systems) allow you to tailor the application to your needs, helping to facilitate decision making





Lexi-COMPLETE	
Included databases	Description
<b>Multinational Adult Drug Information</b>	Our most comprehensive drug database, with content that addresses different patient populations and clinical specialties, such as pharmacy, nursing, internal medicine, cardiology, oncology, psychiatry, anesthesiology, and dentistry. Includes drugs available on a more global basis and regional conventions.
<b>Drug Interactions</b>	Perform an analysis of a patient's drug and natural product profile, identify potential interactions, drug allergies, duplicate therapies, and obtain patient management options.
<b>Pediatric &amp; Neonatal Drug Information</b>	This database is specifically designed for pediatricians or for any situation in which pediatric and neonatal dosing information is required. Pediatric & Neonatal Lexi-Drugs contains very detailed guidelines that are researched and compiled by pediatric specialists.
<b>Pharmacogenomics</b>	Stay informed about this expanding clinical field with this first-in-the-industry resource that addresses key genetic variations that may influence drug disposition and response.
<b>Natural Products</b>	Database provides information on the most commonly used natural products, including herbs, vitamins, minerals, nutraceuticals, glandulars, and amino acids.
<b>Infectious Diseases</b>	Information to assist in the diagnosis and treatment of infectious diseases – combining information on disease syndromes, organisms, diagnostic tests, and antimicrobial therapy into one, easy-to-use reference.
<b>Toxicology</b>	Monographs address the most commonly encountered exposures to poisons and non-toxic agents, antidotes/decontaminants, and household products.
<b>Household Products</b>	View a product's chemical ingredients, manufacturer contact information, MSDS-derived content, and supporting information. Ingredients with significant potential for toxicity are hyperlinked to a monograph within the Lexi-Tox database.
<b>Lab &amp; Diagnostic Procedures</b>	Access information on patient preparation, specimen collection and handling, and test result interpretation within numerous clinical areas and diagnostic disciplines.
<b>Drug Allergy &amp; Idiosyncratic Reactions</b>	Database addresses drug allergies, including reactions by drug class, considerations when managing patients with reported allergies, and more. This resource is based on integration of scientific and clinical literature and offers unique insight on allergic mechanisms, concepts, and categorizations.
<b>Pregnancy &amp; Lactation</b>	Offering in-depth, detailed content on drug use during pregnancy and breast-feeding, this evolving database reviews the most commonly used drugs for women of reproductive age and pregnant women.
<b>IV Compatibility*</b>	Access detailed content from the interactive tool to determine if drugs are compatible and with which solutions compatibility is maintained.
<b>Drug I.D.</b>	Module allows users to identify drugs based on imprint, dosage form, shape, and color.
<b>Nursing Drug Information</b>	Key fields of information include administration, monitoring, dosing, and patient education.
<b>Dental Drug Information</b>	Information on commonly prescribed medications and supplemental products, including key dental health fields such as local anesthetic/vasoconstrictor precautions, effects on dental treatment, and dental dosing for selected drug classifications.
<b>Patient Education</b>	Concise, easy-to-understand leaflets, covering adult and pediatric medications, presented in a question-and-answer format ideal for patient counseling.
<b>Medical Calculators</b>	Medical calculators designed to assist with drug dosing, drip rates, and organ function assessment in both adults and children.
<b>The 5-Minute Clinical Consult</b>	Point of care diagnostic and treatment management tool offers information on more than 900 medical conditions.
<b>The 5-Minute Pediatric Consult</b>	Provides immediate, point of care advice on conditions relevant to infants, children and adolescents.
<b>Stedman's Medical Dictionary</b>	This universal reference tool features over 50,000 medical terms, procedures, and protocols.
<b>Stedman's Medical Abbreviations</b>	This database provides critical support for sage reading and transcribing of medical records, correspondence, and prescriptions.
<b>AHFS DI® Essentials™</b>	Derived from the more extensive and detailed AHFS Drug Information, the AHFS DI Essentials database is designed to offer healthcare professionals quick access to critical knowledge at the point of care.
<b>Oral Soft Tissue Diseases</b>	This visually cued resource is designed to assist in the diagnosis and management of oral soft tissue disease. Indexed by lesion type, this database allows users to search over 200 color images. Topics include etiology, differential diagnosis, treatment recommendations, clinical significance, and more.

\*IV compatibility information: Incorporates the Trissel's™ 2 Clinical Pharmaceutics Database by Lawrence A. Trissel.

## Want a second opinion?

See what students have to say about Wolters Kluwer Clinical Drug Information resources.

*"I can find pronunciations, uses, references, pricing information – so many items that I am searching for – in a hurry. I like the images that have been added. It is a real wealth of information. I can't imagine operating without it."*

Janet Lee  
Pharmacy Student

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*"For any medical professional, I would recommend this program. It is full of up to date information and gives a very thorough write up of each medication. Searches can be conducted by name brand or generic names (or) drug category, and the whole system is really easy to use! ... I would recommend it to anyone who prescribes or administers medications."*

Melanie A. Caustria  
Student Nurse Practitioner

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*"It's easier to navigate through the Lexicomp (mobile) app than through a drug information book. And the Lexicomp app is something that you can have with you wherever you go."*

Jessica Kanwhen  
Pharmacy Student

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*"The ease of use and accessibility on my mobile device make this a key component in my practice. I also like how the app on my iPhone updates with the most current information."*

Nathan Gorney  
Pharmacy Student







*Contact information:*  
Wolters Kluwer  
Clinical Drug Information  
1100 Terex Road  
Hudson, Ohio 44236

Phone: +1 855.633.0577

Please visit [www.wolterskluwerCDI.com](http://www.wolterskluwerCDI.com)  
for more information.

