

Lexicomp® Online™ for Dentistry



USER GUIDE

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Welcome to the Lexicomp Online for Dentistry User Guide

With this guide, learn how to navigate the following clinical databases and modules:

CLINICAL DATABASES INCLUDE:

- Dental Drug Information
- Natural Products
- Little Dental Drug Booklet
- Dental Office Medical Emergencies
- Oral Soft Tissue Diseases
- Oral Hard Tissue Diseases
- Clinical Dentistry
- Oral Surgery (Includes video)
- Periodontics
- Endodontics
- Dental Implants

CLINICAL MODULES:

- Drug, herbal, allergy, and duplicate therapy interaction analysis
- Identification of drugs in various dosage forms
- Extensive medical calculations
- Printable patient leaflets providing drug, disease, condition and procedure information for your patients
- Medical Internet search portal

OPTIONAL ADD-ON RESOURCES:

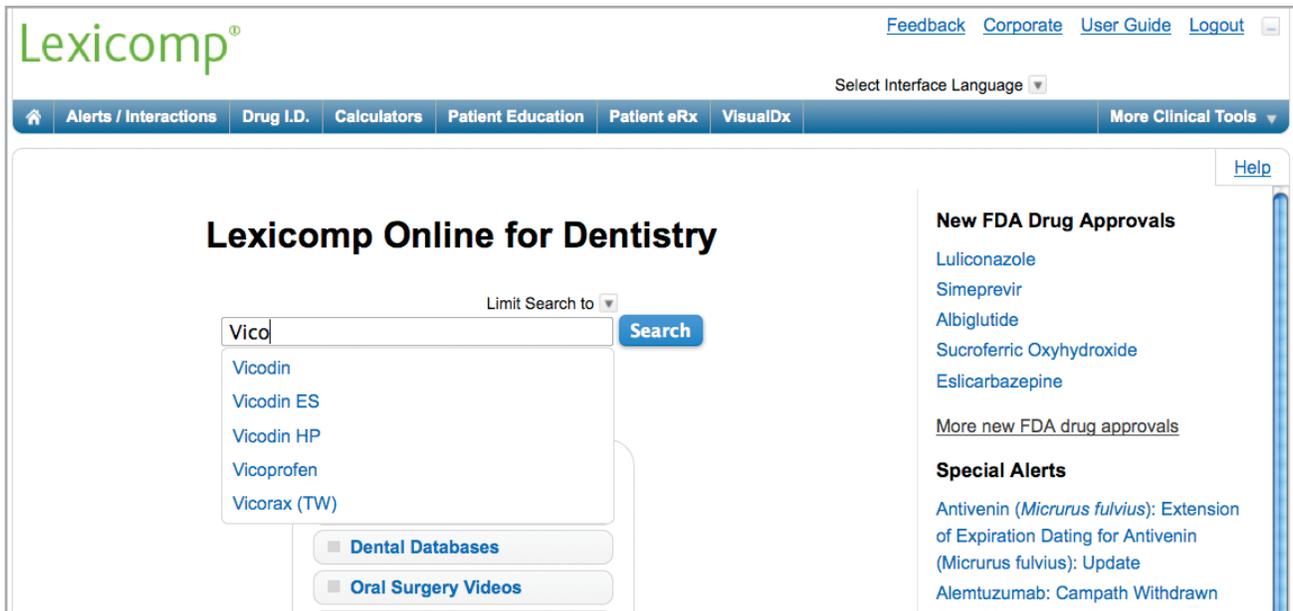
- DoseSpot Patient ePrescribing / Stored Patient Medications
- VisualDx® Oral Lesion Diagnosis

SEARCHING & NAVIGATION

Welcome to the Lexicomp Online for Dentistry User Guide

Welcome to Lexicomp Online for Dentistry. Lexicomp Online for Dentistry is a collection of clinical databases and clinical decision support tools that provides users with an extensive dental and medical reference library. This guide is designed to help users understand and navigate all of the features of the Lexicomp Online for Dentistry application. The initial home screen of the application provides users access to Lexicomp content via global searching or by browsing the available content. In addition to browsing/searching our clinical databases, the blue tool bar across the top of the application allows the user to access all clinical decision support tools.

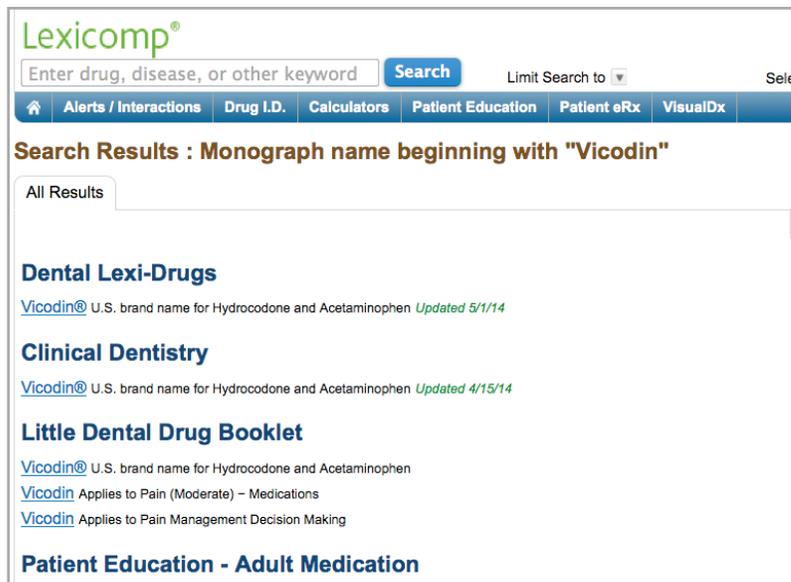
THE LEXICOMP ONLINE FOR DENTISTRY HOME PAGE

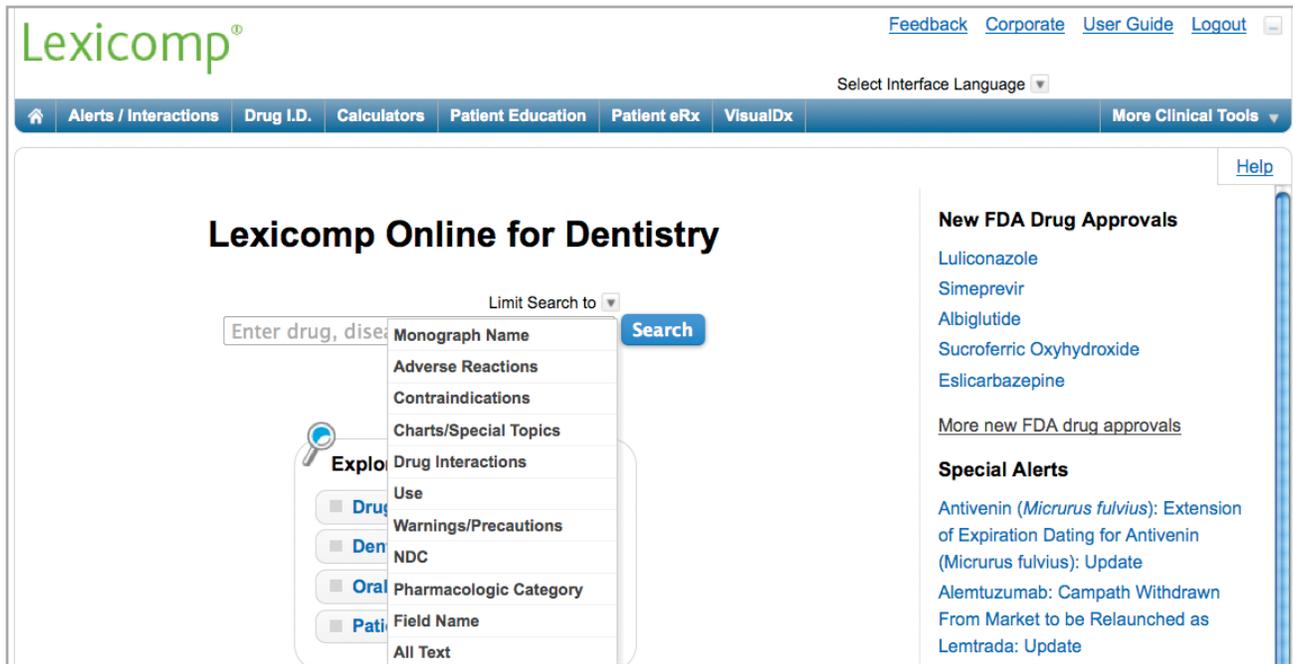


Searching from the Home Page

From the opening screen, enter any keyword (i.e., drug, dental treatment, disease, etc.) in the search box and click the "Search" button. To assist with searching, a possible keyword list will appear after you enter at least four (4) characters. To select a suggested term, simply click on the desired search term and the system will automatically perform a search and display the results. Additionally, if you misspell a search term, you will be presented with a "Did you mean" list of possible search terms. To perform a new search using the correct term, simply click on the desired search term and you will then see a results list for the correctly spelled keyword.

Once you have entered your search term, clicking the "Search" button or hitting the enter key on the keyboard will initiate a global search across all available databases. Any database that has information on the keyword searched will be displayed on the results screen.

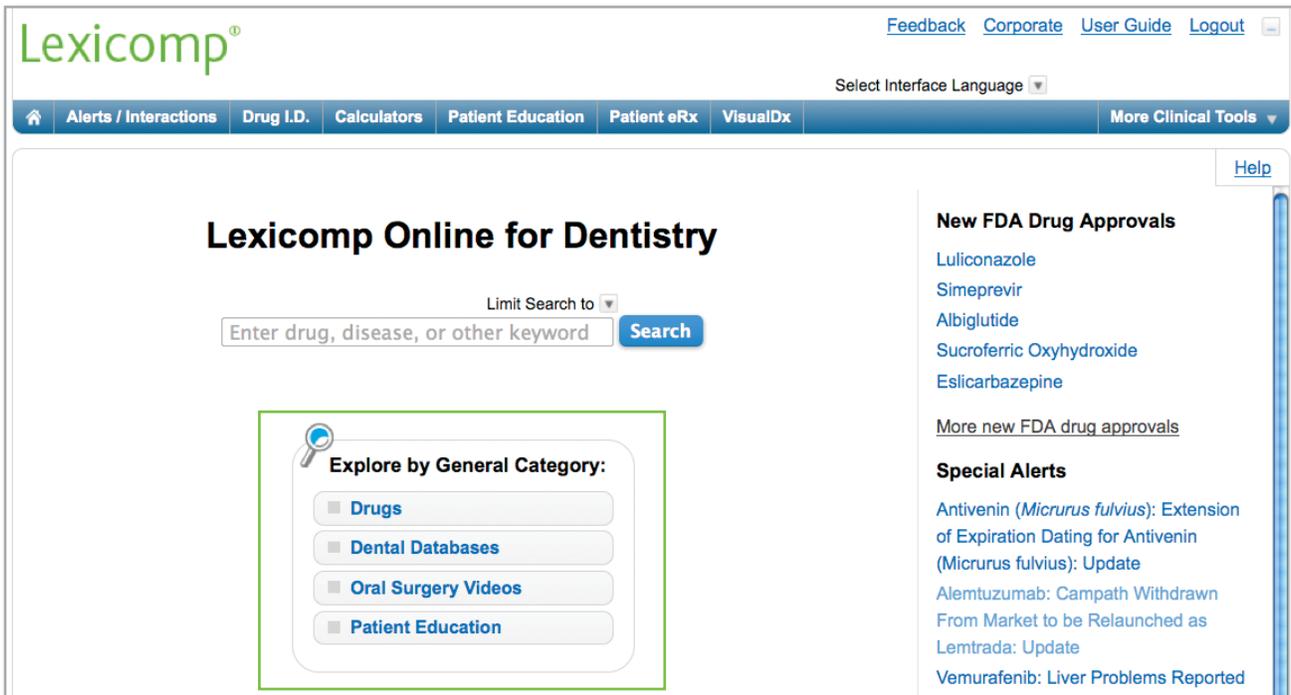




Limiting Searches within Monograph Sections

In addition to basic global searching, Lexicomp Online for Dentistry allows users to perform a more refined search of the clinical content. To perform a more targeted search within a specific section of the monograph, click the “Limit Search to” drop-down arrow to view a list of possible sections that can be searched. To limit your search to a particular field, simply click on the desired listing from the drop-down menu. Below is a listing of the sections that can be searched specifically:

- **Monograph Name** – This is the default search that limits the search to the title of the monograph.
- **Adverse Reactions** – This will limit your search to the Adverse Reactions section of the drug monographs and allows the user to enter a particular adverse reaction and see a list of all drugs that have this adverse reaction listed.
- **Contraindications** – This will limit your search to the Contraindications section of the monograph. This allows the user to enter a particular condition and see a list of drugs that have the condition listed in the contraindication section.
- **Charts/Special Topics** – This will limit your search to the Charts/Special Topics section of the database. This allows the user to enter any keyword and the system will return any Chart/Special Topic that contains that keyword.
- **Drug Interactions** – This will limit your search to the Drug Interactions section of the monograph. This allows the user to enter in a specific drug or drug class to see if that drug is listed in the interactions section.
- **Use** – This will limit the search to the Use section of the monograph. This allows users to enter a particular disease or condition and see a list of drugs that have that use listed as either a labeled or off-label indication.
- **Warnings/Precautions** – This will limit the search to the Warnings/Precautions section of the monograph. This allows users to enter in a specific keyword and see a list of all drugs that have that keyword listed in the Warnings/Precautions section.
- **NDC** – This will limit your search to the NDC section of the monograph. This allows users to search for drugs using NDC numbers.
- **Methodology** – This will limit your search to the methodology section of a lab monograph. This allows a user to see a list of laboratory tests that use a particular methodology.
- **Pharmacologic Category** – This will limit the search to the Pharmacologic Category section of the monograph. This allows the user to enter a specific pharmacologic category and see all drugs that are part of that category.
- **Field Name** – This will limit the search to only section headings. This allows users to search for drug monographs that contain a specific field.
- **Manufacturer** – This will limit the search to the Manufacturer section of the monograph. This allows the user to enter a manufacturer name and see a list of drugs that have that manufacturer listed. **Note:** *This search is only effective with brand name products.*
- **All Text** – This will allow the user to search all of the text in the Lexicomp Online system and can be used to find a keyword or topic regardless of what field the word appears.

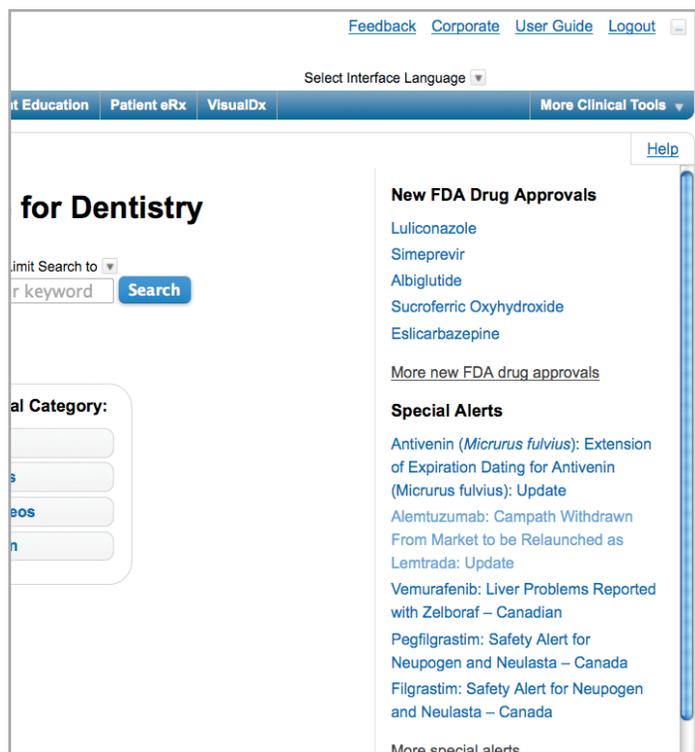


Explore by General Category

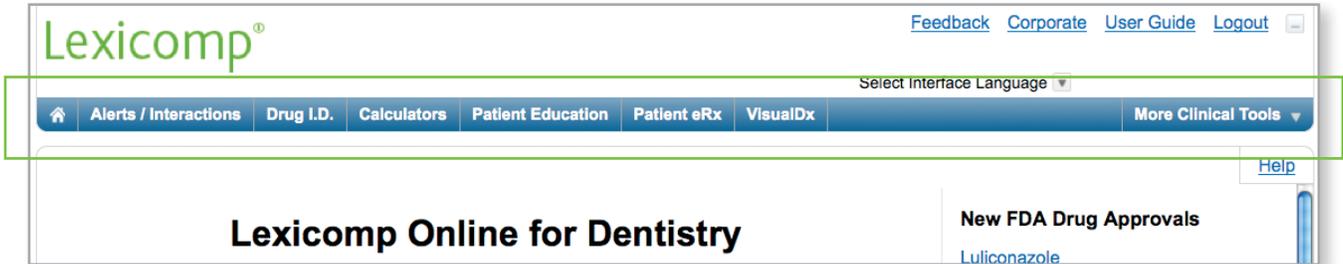
The “[Explore by General Category](#)” function allows the user to browse the available databases using different indexes. The databases are classified into four main categories: Drugs, Dental Databases, Oral Surgery Videos and Patient Education. To browse the available drug databases, click the [Drugs](#) button; to browse the available dental databases, click the [Dental Databases](#) button; to access oral surgery videos, click the [Oral Surgery Videos](#) button; and to browse the patient education databases, click the [Patient Education](#) button.

New Drug Approvals & Special Alerts

These sections will dynamically display new U.S. drug approvals and the most recent Special Alerts added to the Lexi-Drugs database. Clicking on any topic will direct the user to the indicated Lexi-Drugs monograph.



SEARCHING & NAVIGATION



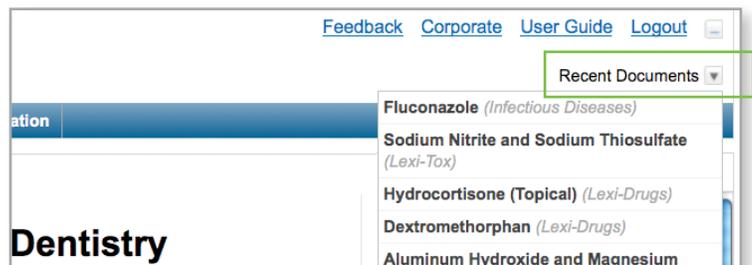
Clinical Decision Tool Bar

The blue Clinical Decision Tool Bar provides access to all clinical tools that are included in the user's account. This bar is always available from any screen in the application and provides access to the following tools:

- **Alerts / Interactions** – understand how patient medications affect dental treatment with Dental Alerts and access an extensive drug, herbal, and allergy interaction analysis program that uses a predictive, evidenced-based model.
- **Drug Identification** – identify unknown medications in various dosage forms based on imprint, dosage form, shape and/or color.
- **Calculators** – access dental-specific age- and weight-based calculations for commonly used antibiotics and local anesthetics as well as more than 130 medical calculations for both adults and children.
- **Patient Care Packet Creator** – access to multi-language patient education materials for medications, disease/conditions, procedures, natural products and discharge instructions.
- **Patient ePrescribing** (Optional) – access stored patient medication records; use clinical decision support tools, such as drug allergy checking, medication alerts, and drug interactions; and then send prescriptions electronically to the pharmacy of your choice.
- **Lesion Diagnosis** (Optional) – access a collection of oral lesion images and build a patient-specific differential diagnosis
- **More Tools** – this section contains access to several other tools including:
 - **Web Search** – a medically focused search engine that queries predetermined, vetted medical websites providing additional resources and information.
 - **Indexes** – access a list of all available databases using alphabetical and other relative indexes.

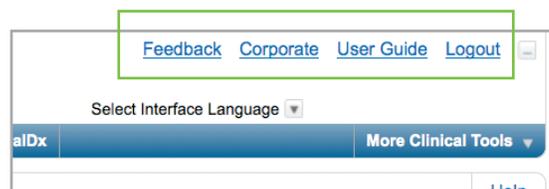
Recent Documents

This button allows the user to review the last ten (10) documents accessed. This functionality is local to the computer and therefore may reflect the searching activity of multiple users on computers that are located in common areas of the facility.



Additional Links

- [Feedback](#) – Send feedback directly to Lexicomp via a web-based feedback form.
- [Corporate](#) – This link will take the user to the Lexicomp corporate website (www.lexi.com).
- [User Guide](#) – This link will take the user to the detailed user manual that can be viewed or printed.
- [Logout](#) – For subscribers with login/password access and a limited number of concurrent users, this link will log the user out so another user can log into the system on another computer.

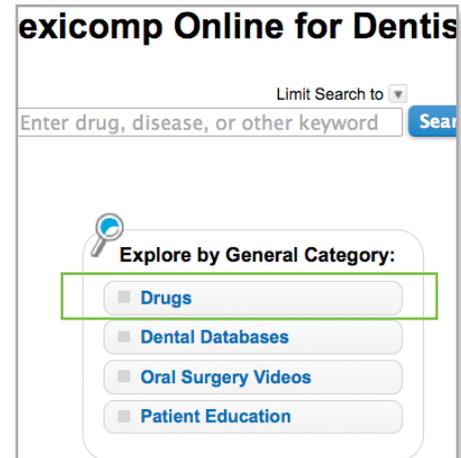


BROWSE BY CATEGORY

Drug Databases

The “[Explore by General Category](#)” links allow the user to browse the databases included in Lexicomp Online for Dentistry. Clicking on the “[Drugs](#)” button from the home page will take the user to a listing of available drug databases. This screen provides brief overviews of each drug database that is available with Lexicomp Online for Dentistry. The left side of the screen provides links to the available indexes for each database.

Click on the database name to display a more detailed overview of the content available in that database, as well as a list of the editorial panel. The “[Available Drug Indexes](#)” links on the left side of the screen can be used to browse each database via a number of useful indexes.



Available Drug Indexes

- Dental Lexi-Drugs**
 - Sample Scripts
 - Generic Names
 - U.S. Brand Names
 - Canadian Brand Names
 - Charts/Special Topics
 - Changed Last 7 Days
 - Pharmacologic/Therapeutic Category
 - REMS
 - Prescribing and Access Restrictions
 - Black Box Warnings
 - Special Alerts
- Natural Products Database**
 - Generic Names
 - Charts/Special Topics
 - Changed Last 7 Days
 - Pharmacologic/Therapeutic Category
- Patient Education - Adult Medication**
 - Generic Names
 - U.S. Brand Names
 - Canadian Brand Names

Drug Databases

Drug Databases

[Print](#) [Help](#)

Dental Lexi-Drugs

Dental Lexi-Drugs is designed for all dental professionals seeking information on commonly prescribed medications, OTCs, and herbal products. Written by dentists for dentists, this best-selling resource includes dental-specific content on thousands of drugs, natural products, and dietary supplements.

Natural Products Database

The natural product content is adapted from *The Review of Natural Products*, a Facts & Comparisons online database. Each monograph includes a Clinical Overview section and then additional in-depth fields that provide a detailed discussion of the use, dosing, adverse reactions, and interactions of each herbal product.

Patient Education - Adult Medication

Lexi-Patient Education, Lexicomp's patient advisory database, provides vital information on over 1800 adult medications. Lexi-Patient Education follows a question-and-answer format ideal for patient counseling. Our patient advisory leaflets support compliance with JCAHO standards and are written at an easy-to-comprehend reading level. The medication leaflets are available in 19 languages.

Patient Education - Pediatric Medication

Lexi-Patient Education, Lexicomp's patient advisory database, provides vital information on over 1000 pediatric medications. Lexi-Patient Education follows a question-and-answer format ideal for patient counseling and is directed at the parent/guardian. Our patient advisory leaflets support compliance with JCAHO standards and are written at an easy-to-comprehend reading level. The medication leaflets are available in 19 languages.

Drug Allergy and Idiosyncratic Reactions

Drug Allergy and Idiosyncratic Reactions addresses drug allergies, including reactions by drug class, considerations when managing patients with reported allergies, and more. This innovative database is based on

BROWSE BY CATEGORY

Sample Scripts

This link will display an alphabetical index of dental conditions and sample medication prescriptions used for treatment. Click on a letter to display a list of dental conditions that begin with that letter. From the list, you can view treatment medications and their sample prescriptions by clicking on the condition name.

Generic Names

This link will display an alphabetical index of generic drug names. Click on a letter to display a list of generic drugs that begin with that letter. From the list of drugs, you can view the drug monograph by clicking on the name of the medication.

U.S. Brand Names

This link will display an alphabetical index of brand name products marketed in the United States. Click on a letter to display a list of brand name products that begin with that letter. From the list of brand name products, you can view a drug monograph by clicking on a product from the list.

Canadian Brand Names

This link will display an alphabetical index of brand name products marketed in Canada. Click on a letter to display a list of brand name products that begin with that letter. From the list of brand name products, you can view a drug monograph by clicking on a product from the list.

Charts/Special Topics

This link will provide an alphabetical listing of all charts/special topic documents available within this database. The charts/special topics section consists of supplemental information, such as drug comparison charts, treatment overviews and other therapeutically relevant topics.

Changed Last 7 Days

This index displays all drugs that have been updated or modified in the last seven (7) days. From this list, the user can click on any drug and view the monograph.

Pharmacologic/Therapeutic Category

This index will display an alphabetical listing of all pharmacologic categories. Clicking on a pharmacologic category will display all drugs in that category. From this list, the user can click on any drug displayed and access the full monograph for that drug.

REMS

This index provides a list of all drugs that have a Risk Evaluation and Mitigation Strategy (REMS) as required by the FDA. From the list displayed, the user can click on any drug and access the full monograph.

Prescribing and Access Restrictions

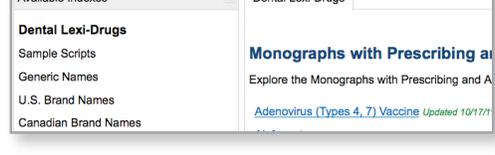
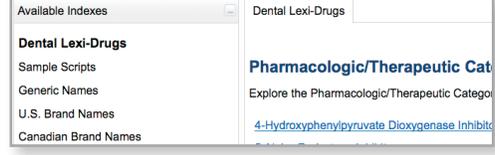
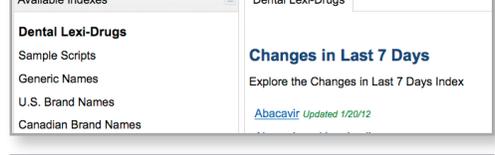
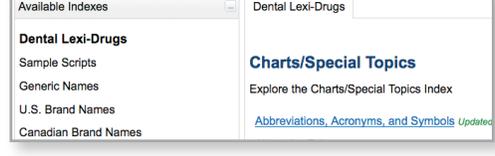
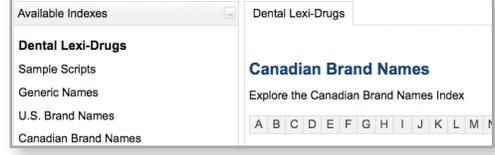
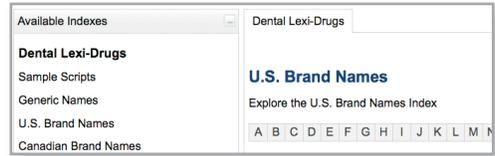
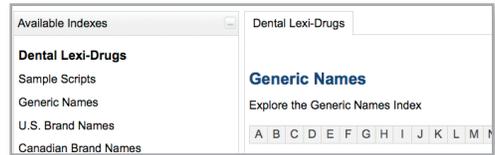
This index provides a list of all drugs that have restricted access or prescribing restrictions that fall outside of the FDA's REMS program. From this list, the user can click on any drug and access the full monograph.

Black Box Warnings

This index provides a list of all drugs that have a black box warning issued by the FDA. From this list, the user can click on any drug displayed and access the full monograph for that drug.

Special Alerts

This index displays a list of all drugs that have a Special Alert. The Special Alert field displays important information, such as new warnings, adverse reactions, recalls, etc., that is of a time-sensitive nature. From this list, the user can click on any drug and view the entire drug monograph.

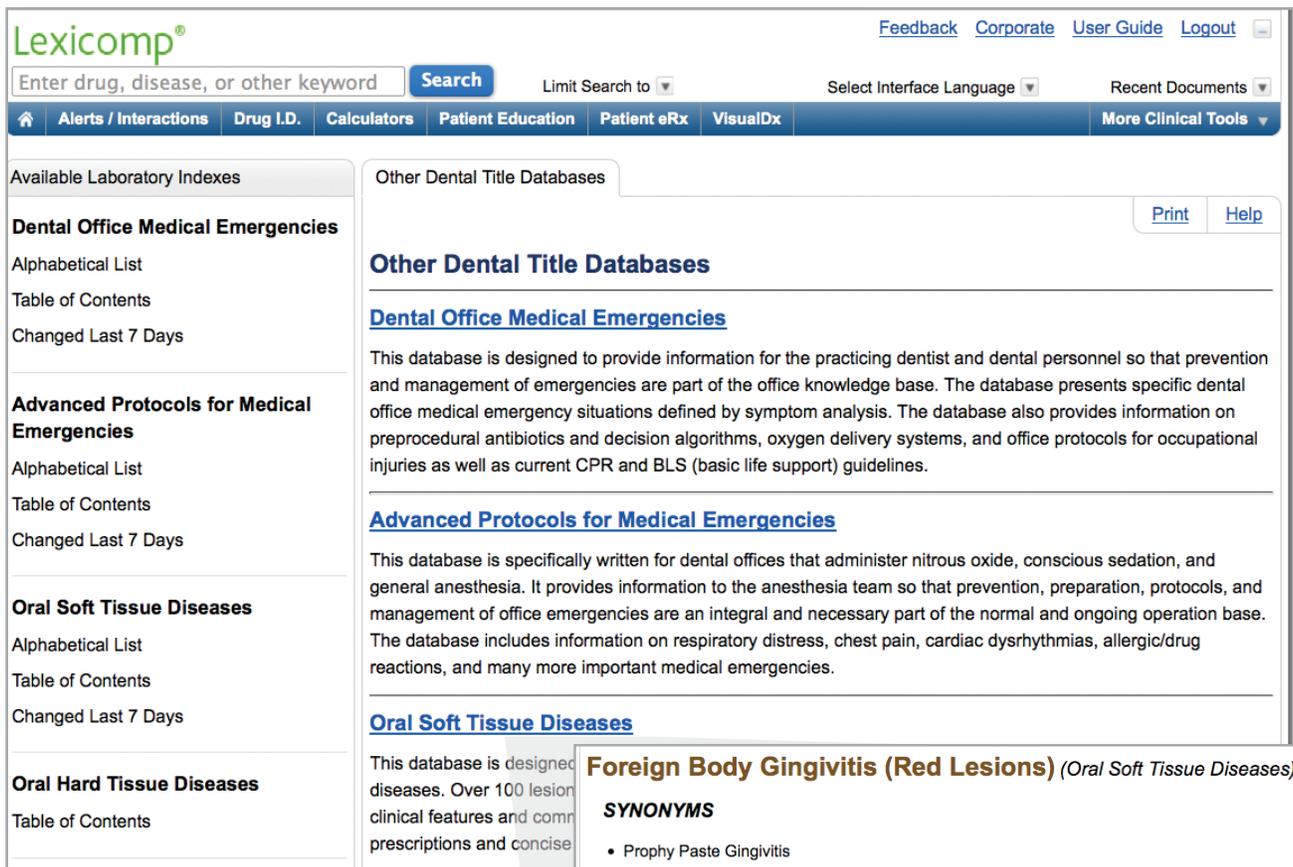
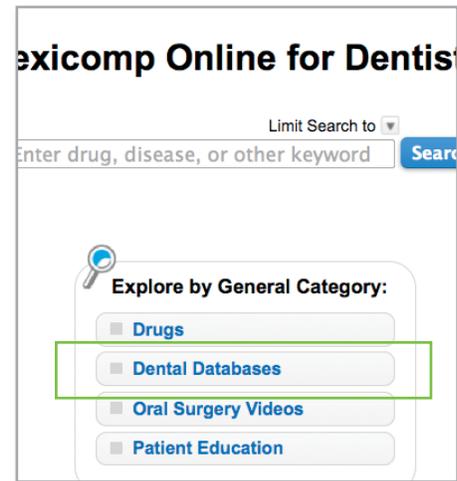


BROWSE BY CATEGORY

Dental Databases

The “[Explore by General Category](#)” links allow the user to browse the available databases that are part of Lexicomp Online for Dentistry. Clicking on the “[Dental Databases](#)” button from the home page will take the user to a listing of the available dental databases. This screen provides brief overviews of each dental database that is available within Lexicomp Online for Dentistry. The left side of the screen provides links to the available indexes for each database.

Click on the database name to display a more detailed overview of the content available in that database, as well as a list of the editorial panel. The “[Other Dental Title Indexes](#)” links on the left side of the screen can be used to browse each database via a number of useful indexes.



Foreign Body Gingivitis (Red Lesions) (*Oral Soft Tissue Diseases*)

SYNONYMS

- Prophy Paste Gingivitis

ETIOLOGY

- Damage to the sulcular epithelium during dental prophylaxis allows prophy paste to be embedded in the
- The prophy paste causes a foreign body inflammatory reaction

TYPICAL VISUAL CUES

- Usually involves marginal gingiva
- Solitary or multifocal distribution
- Affected gingiva red and swollen

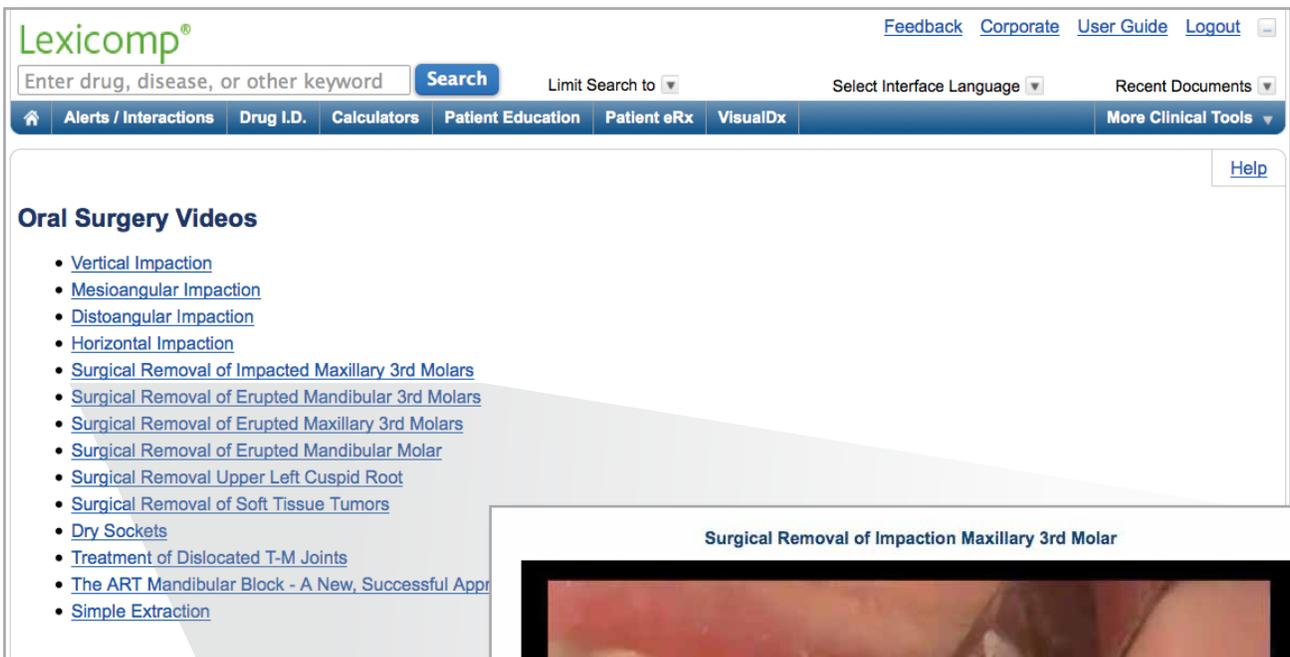


A close-up photograph of a patient's lower teeth and gingiva. The gingiva is red, swollen, and inflamed, particularly around the marginal gingiva, which is characteristic of gingivitis. The patient's teeth are visible, showing some yellowing and wear.

BROWSE BY CATEGORY

Oral Surgery Videos

The "Explore by General Category" links allow the user to browse the available databases that are part of Lexicomp Online for Dentistry. Clicking on the "Oral Surgery Videos" button from the home page will take the user to a listing of the available oral surgery videos. This screen provides brief overviews of each video that is available within Lexicomp Online for Dentistry. The left side of the screen provides links to the available indexes for each database. Click on the surgical procedure to watch the video.

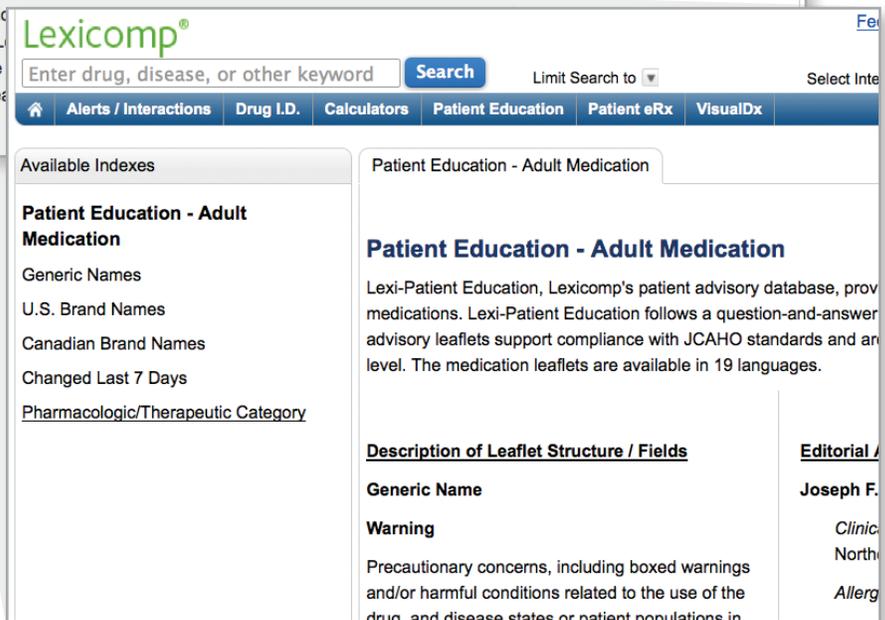
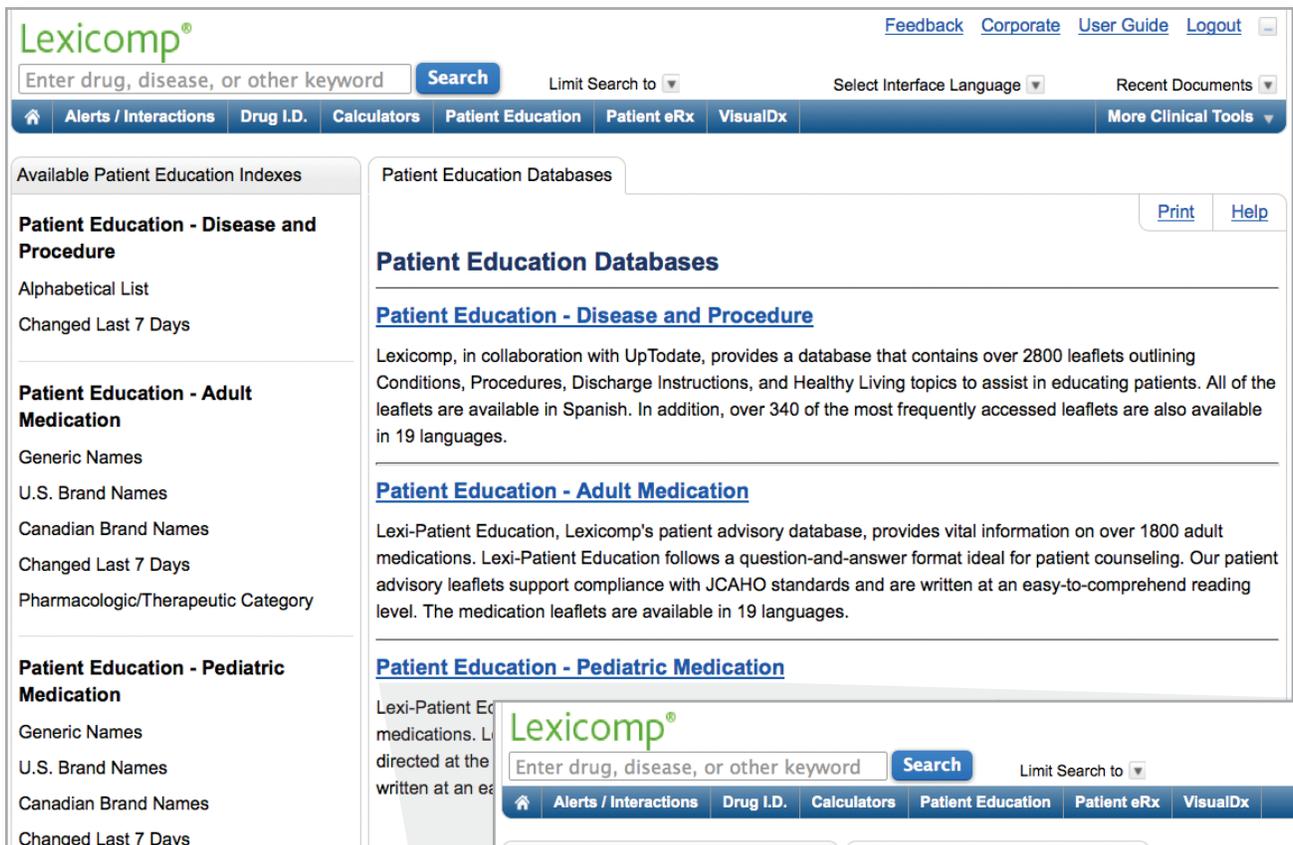
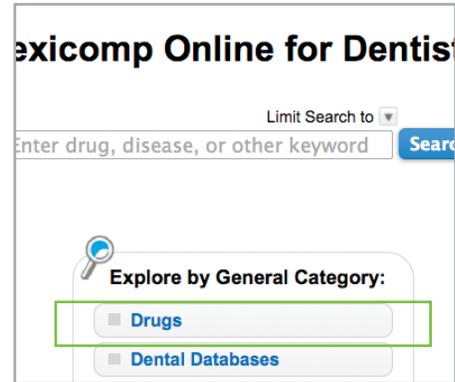


BROWSE BY CATEGORY

Patient Education Databases

The “[Explore by General Category](#)” links allow the user to browse the available databases that are part of Lexicomp Online. Clicking on the “[Patient Education](#)” button from the home page will take the user to a listing of the available patient education databases. This screen provides brief overviews of each patient education database that is available within Lexicomp Online. The left side of the screen provides links to the available indexes for each database.

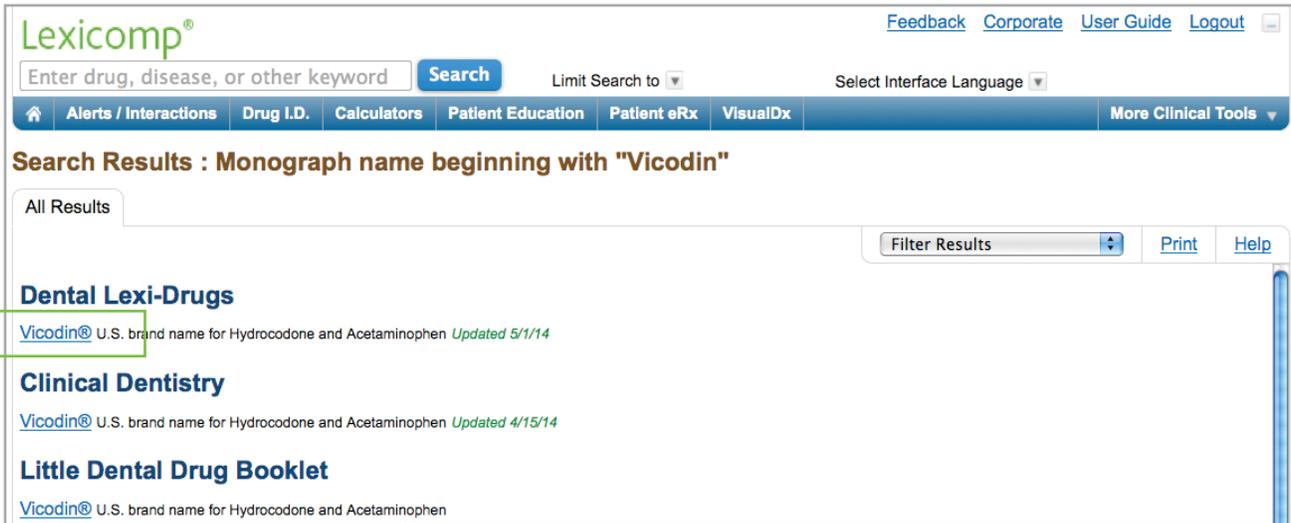
Click on the database name to display a more detailed overview of the content available in that database, as well as a list of the editorial panel. The “[Available Patient Education Indexes](#)” links on the left side of the screen may be used to browse each database via a number of useful indexes which were reviewed above.



REVIEWING SEARCH RESULTS

Search Results Window

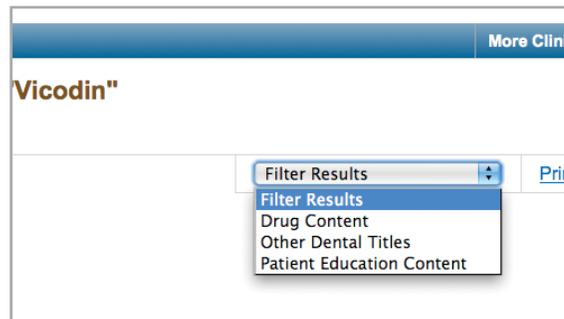
After performing a search, the user will be presented with results from all databases that have a match to the search performed. Only databases that are available to the user and have a result will be displayed in the search results. To view the monograph within any database, click on the hyperlinked drug name displayed under the desired database.



Filter Results

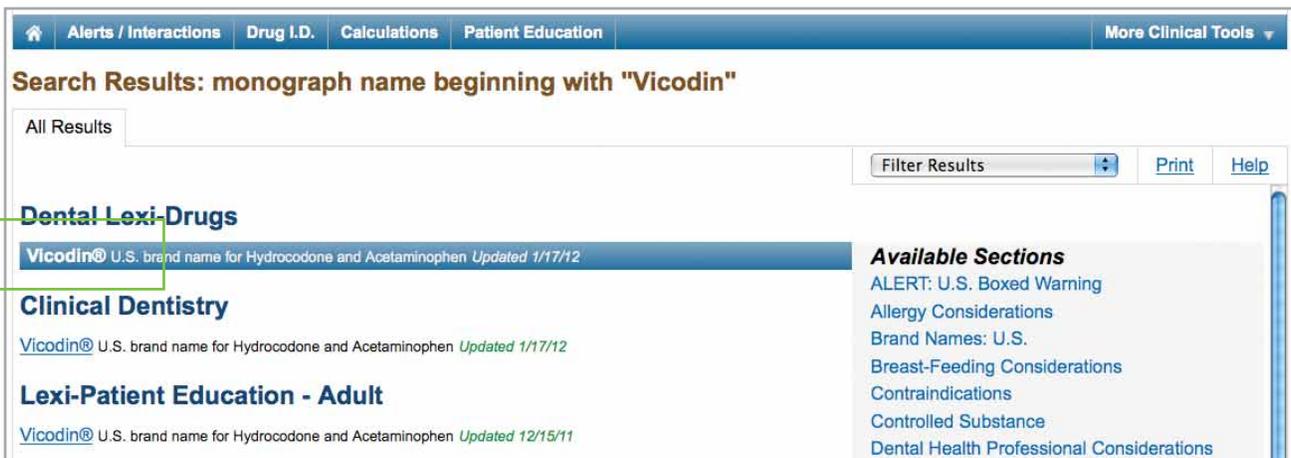
The "Filter Results" drop-down menu can be used to "sort" your search results to display on specific databases. The filter results can be used to filter by the following topic areas:

- Drug Content
- Patient Education Content
- Other Dental Titles

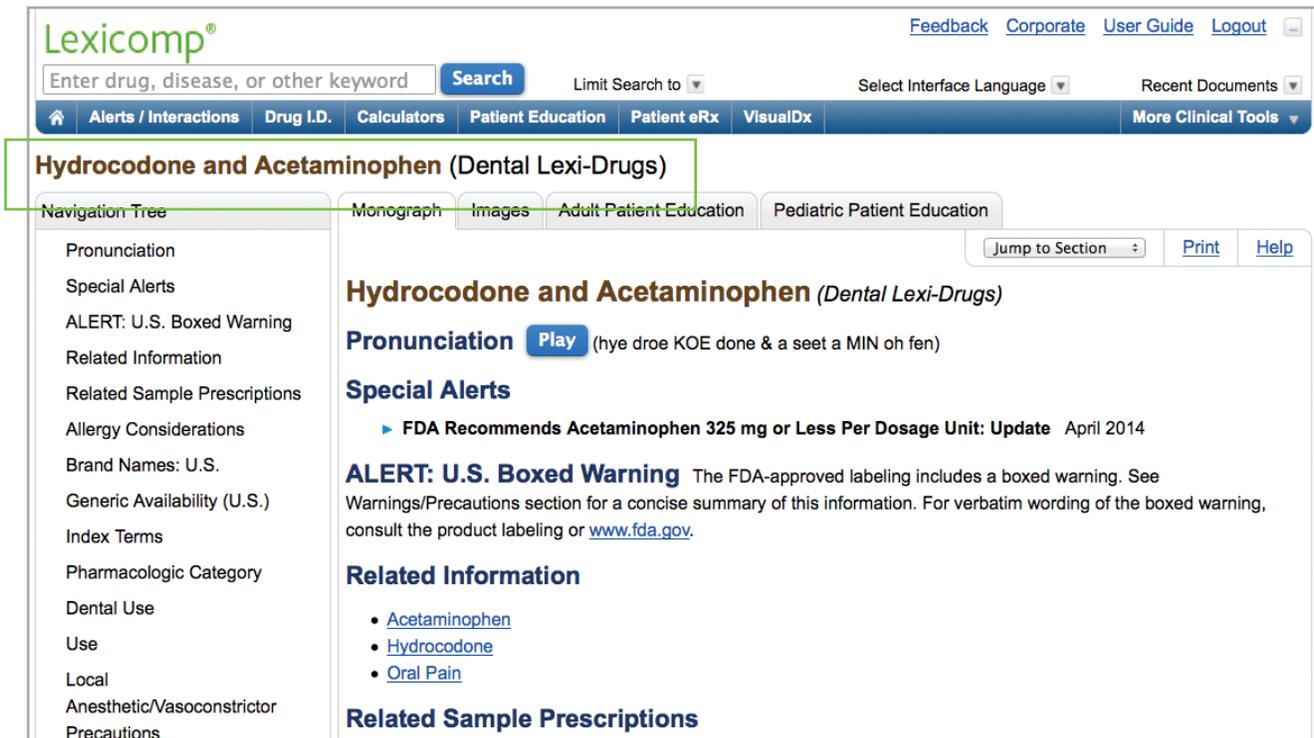


Field Selection

To activate the field selection menu, hover the cursor over the hyperlinked drug name in the results list and a list of the available fields within that monograph will be displayed. From this list, the user can select a field of interest and immediately open the drug monograph to that section.



ACCESSING INFORMATION WITHIN THE DRUG MONOGRAPH

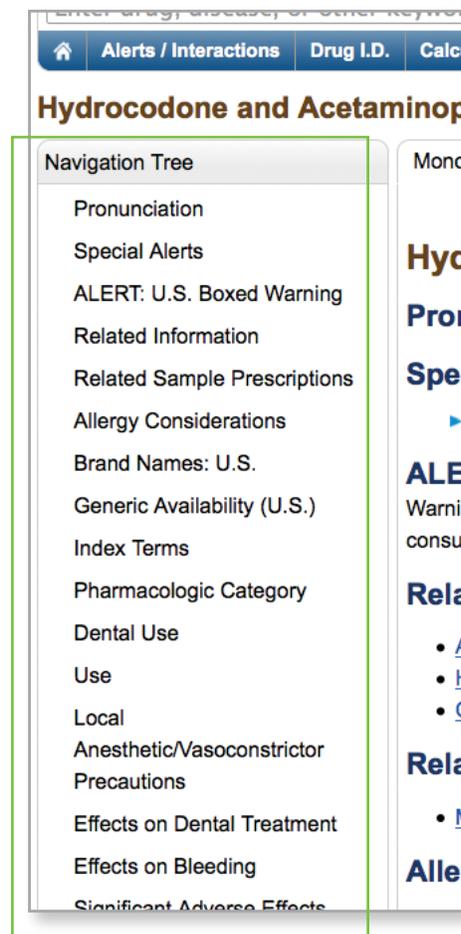


Monograph Display

Once a user selects a database by clicking on a drug name or using the field selection function on the search results page, the drug monograph will be displayed. In the top left corner of the screen, the monograph title and database name will be displayed as a point of reference.

Navigating a Monograph

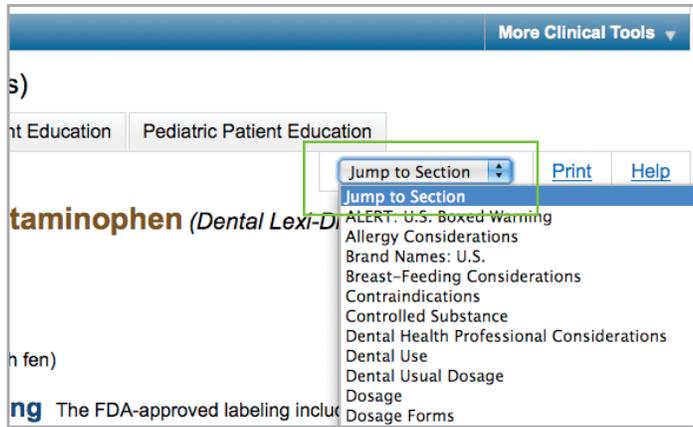
Once in the monograph, the user has three ways to navigate the information presented. The first method is to use the "Navigation Tree" displayed on the left side of the screen. This box provides a "table of contents" view of the available sections of the drug monograph. To jump to a particular section, click on the desired section. To hide the Navigation Tree box and expand the screen space for monograph viewing, click the "Hide" link in the top right corner of the box. To open the Navigation Tree once it has been hidden, click the "Show Tree" link in the top left corner of the monograph window.



THE DRUG MONOGRAPH

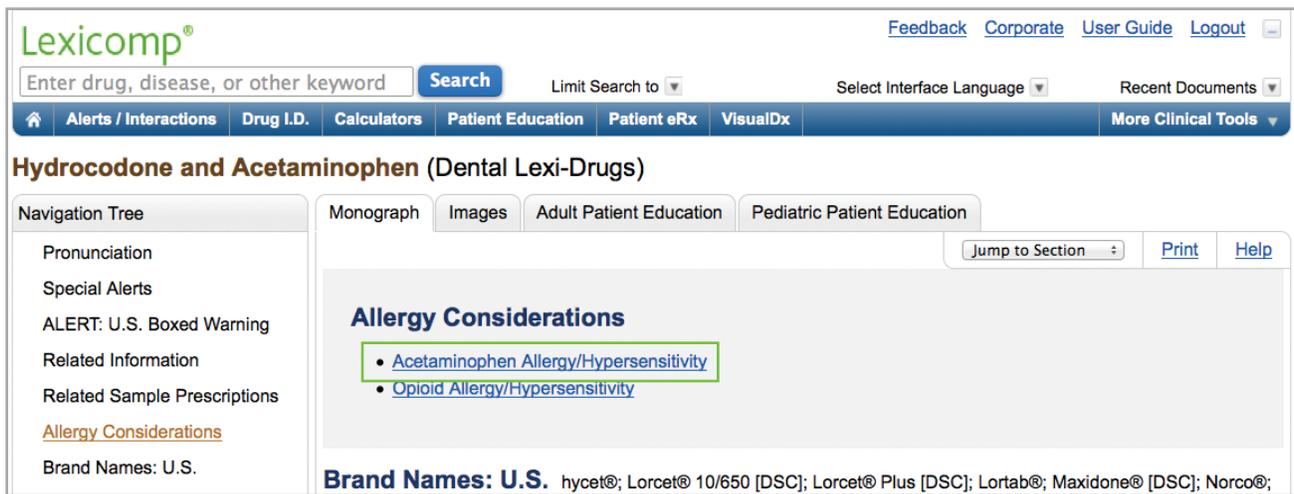
The second navigation method is located in the top right area of the monograph display in a box titled "Jump to Section." Click on this box, and an alphabetical list of all sections and sub-sections is displayed in a drop-down menu. To jump to a particular section, click on the desired field from the drop-down list.

Lastly, the drug monograph can be viewed by scrolling through the entire document using the standard browser scroll bars located on the left side of the monograph window.

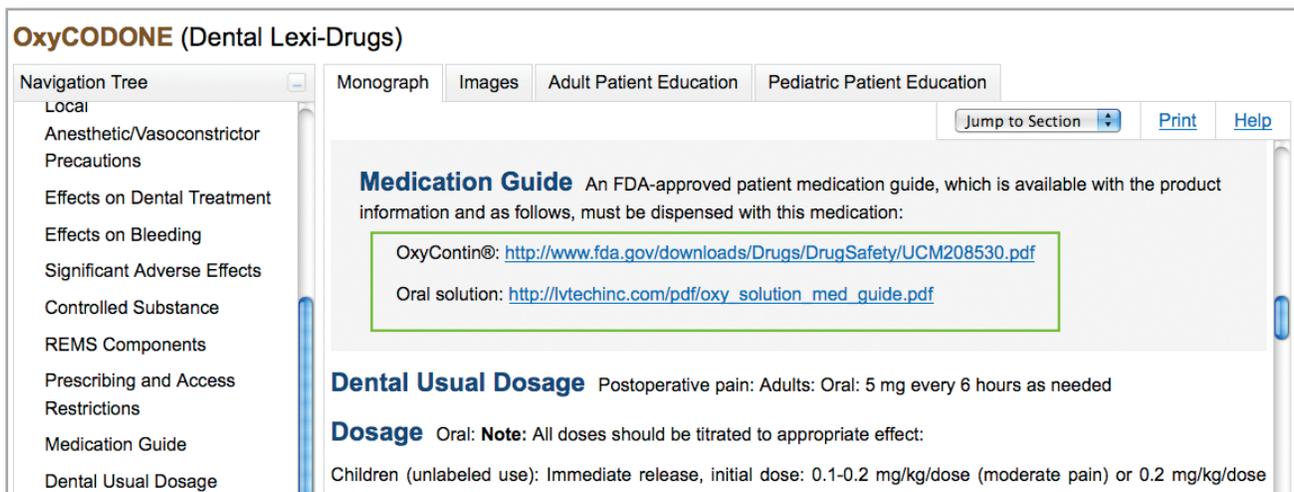


Linking to Other Content from a Drug Monograph

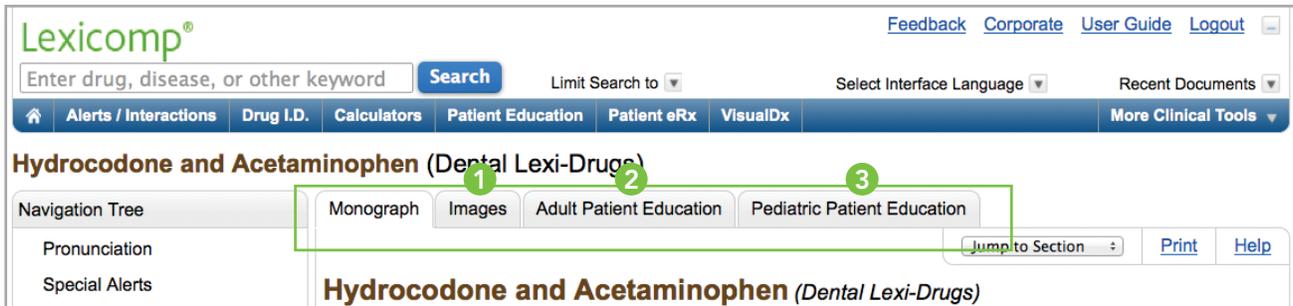
Throughout the drug monograph, hyperlinks are presented that allow the user to link to additional content. In some instances, these links provide access to related content within Lexicomp Online for Dentistry such as: (1) calculators, (2) disease/dental procedure content, (3) pharmacogenomics information, (4) charts/special topics, (5) allergy/idiosyncratic reaction information, (6) pregnancy/lactation detail, to name a few.



Along with the additional Lexicomp content, other hyperlinks provide access to content found on the Internet such as: (1) FDA medication guides, (2) Clinical Practice Guidelines, (3) FDA warnings/alerts, and (4) PubMed links for references.

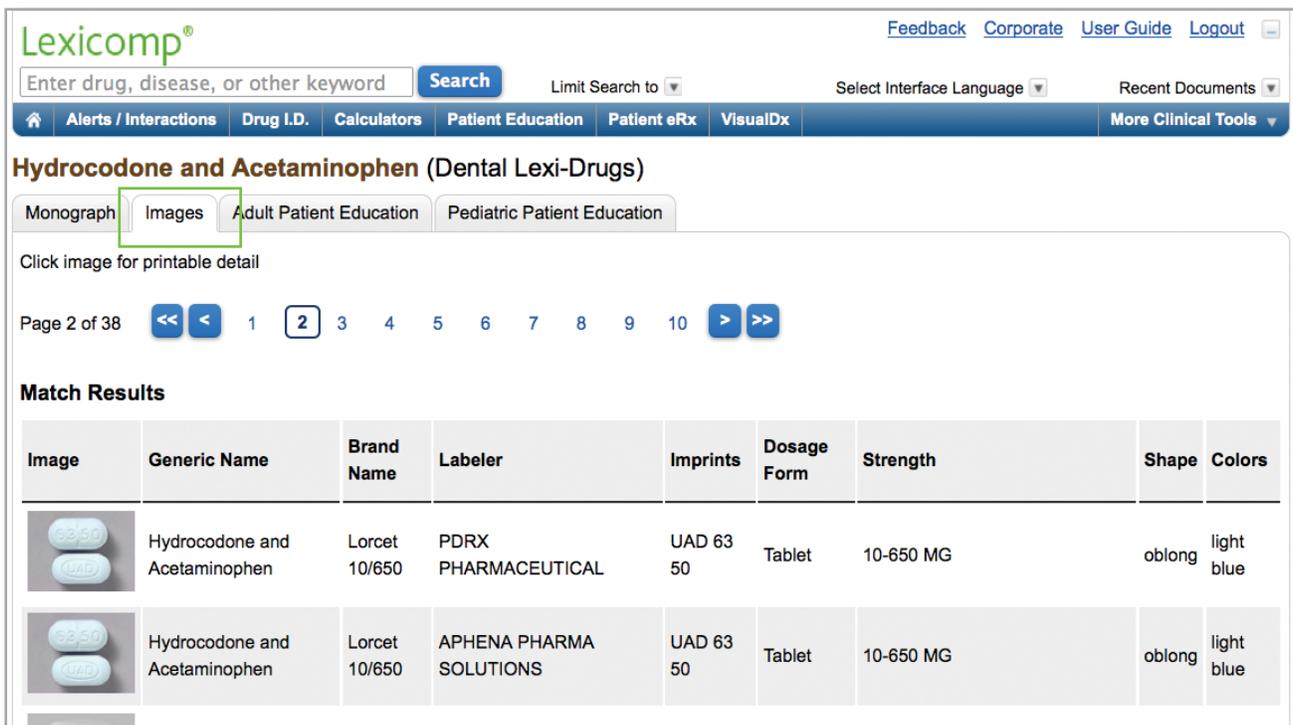


THE DRUG MONOGRAPH



Accessing Images, Patient Education Leaflets

In addition to the monograph information, additional content is accessible by clicking the tabs across the top of the monograph window. Clicking on these tabs will give users access to (1) images of various dosage forms, (2) adult patient education material, and (3) pediatric patient education material.

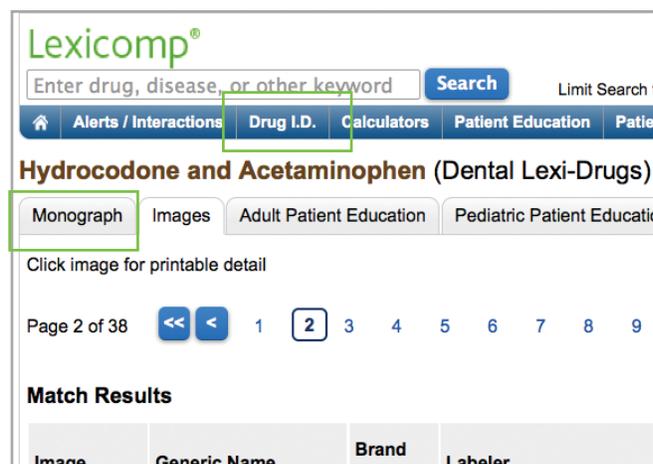


Images

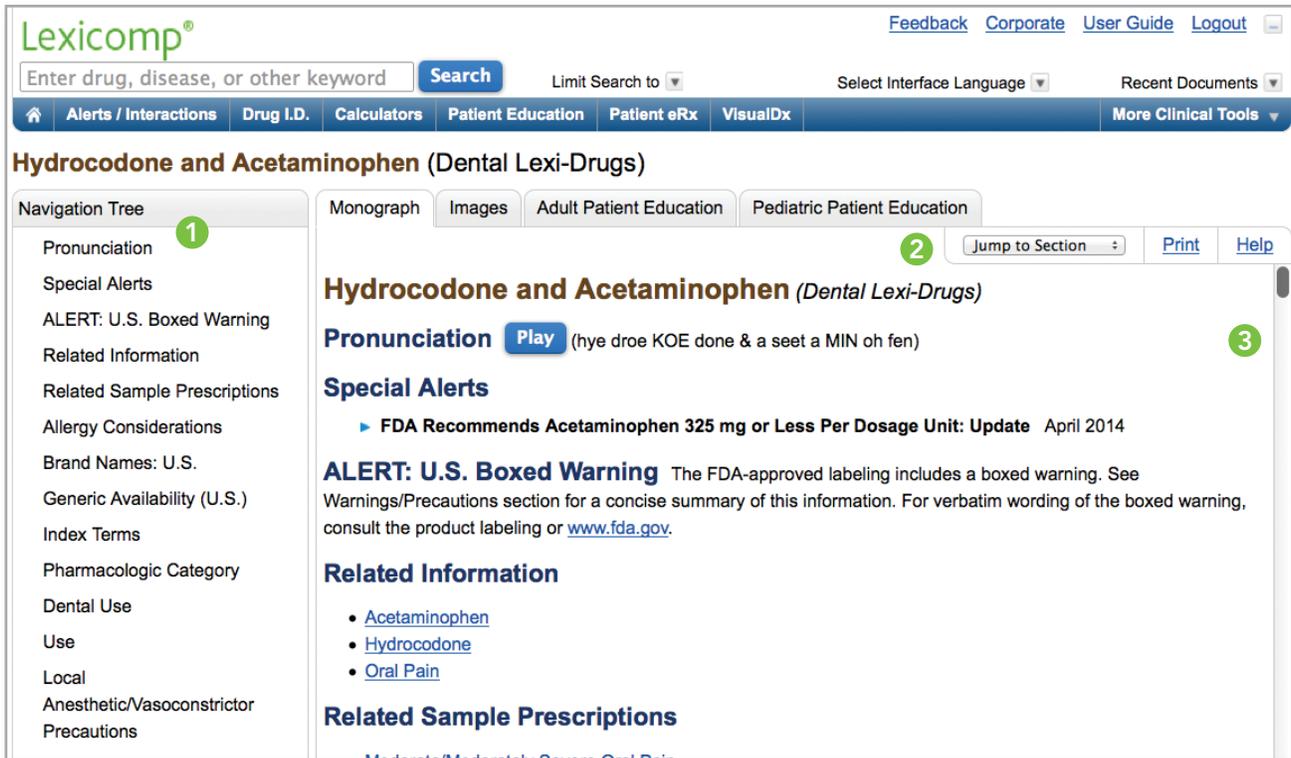
From a monograph, clicking on the “Images” tab displays a list of the available products with images library. To view a larger image and additional detail about a particular product, click on the image.

Note: To access the drug identification tool for identifying unknown medications, click on the “Drug ID” button in the blue tool bar.

To return to the monograph information, simply click on the “Monograph” tab at the top of the content panel.



THE DRUG MONOGRAPH

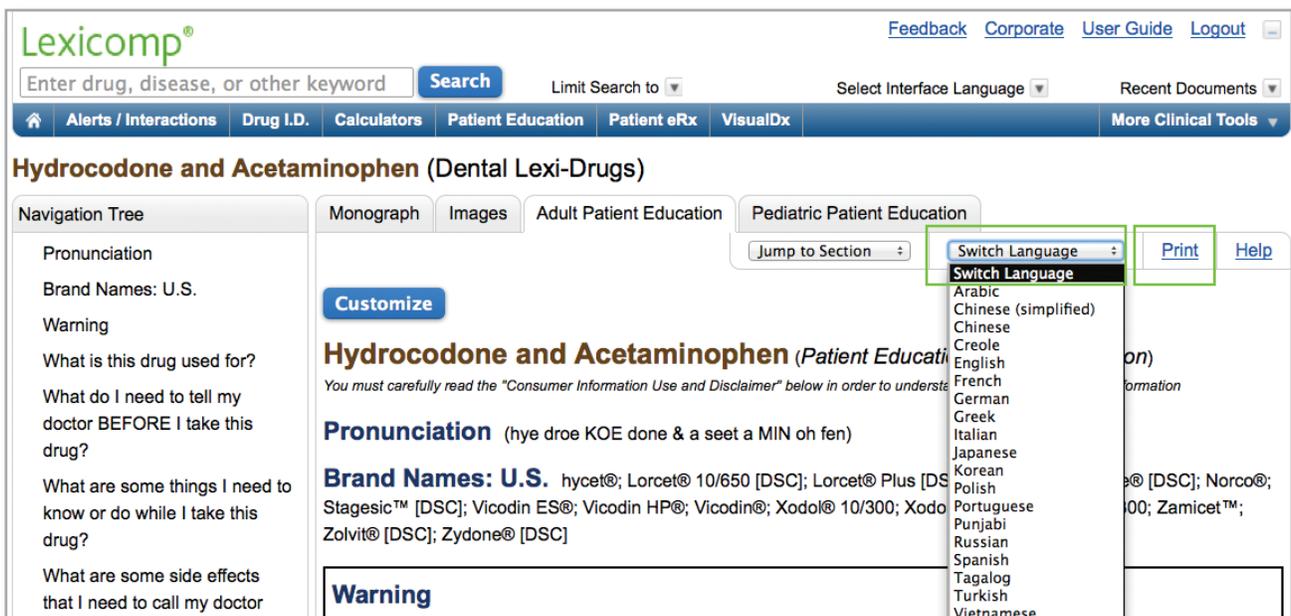


Adult & Pediatric Patient Education

From the monograph, clicking on the patient education tabs will display the patient education document (adult or pediatric) for that drug. This document can be navigated using the same three methods used to navigate a drug monograph: (1) the left panel Navigation Tree, (2) the “Jump to Section” drop-down menu in the upper right corner of the content panel, or (3) scrolling the document using the right side scroll bars.

The patient education handouts are written at a consumer level and can be viewed multiple languages. To view the document in a different language, click on the “Switch Language” drop-down menu in the upper right corner of the content panel. Available languages will be displayed using this menu.

To print the document, click on the “Print” link in the upper right corner of the content window and a list of the available printers your computer is connected to will be displayed.



CLINICAL TOOLS



Alerts/Interactions

The dental medication alerts and interactions tool is accessed from the blue tool bar at the top of the screen. The interactions tool allows dental professionals to enter medications (both prescription and over-the-counter), natural products, foods and/or alcohol and drug allergies to perform an interaction analysis capable of providing drug-drug interactions, drug-allergy interactions, and duplicate therapy interactions.

Search Tab

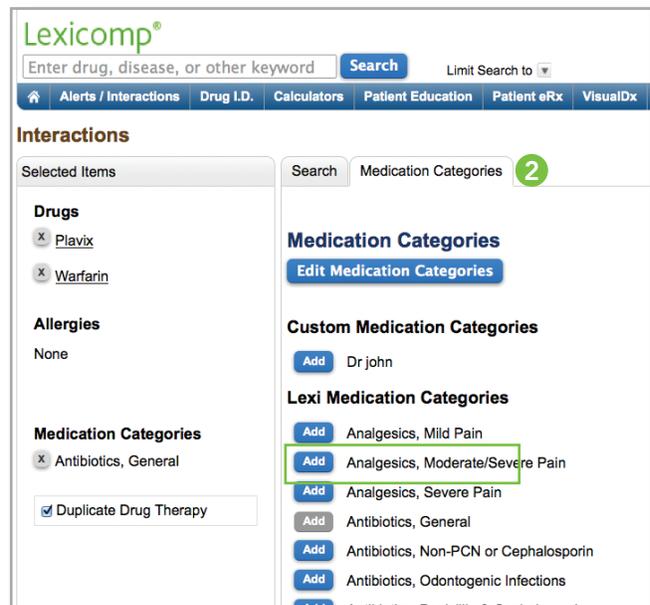
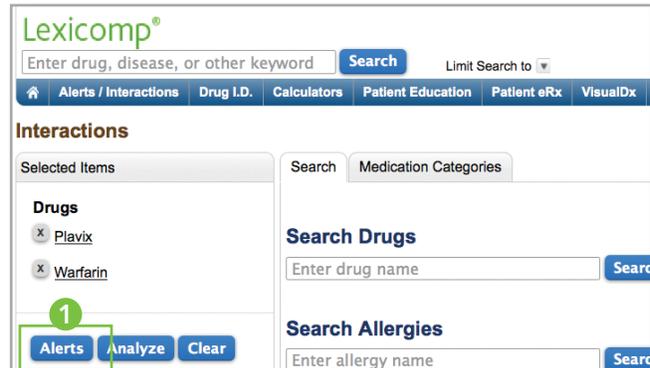
The Search Tab enables dental professionals to enter a list of prescription, OTC, natural products, foods and allergies into the analysis module.

To enter a medication, OTC or herbal product, type the name into the "Search Drugs" box. After at least four (4) characters are entered, suggested products will populate. Select the desired term from the list. If multiple products match the search term, a list of products will appear. To add that medication to the medication list, simply click the "Add" button. Continue this process until all items are added. Follow the same process to enter all known allergies into the "Search Allergies" box. To remove an item from the list, click the "X" next to the drug or allergy name in the "Selected Items" column to the left of the search boxes.

Medication Categories Tab

The Medication Categories functionality allows dental professionals to create, edit and store customized groups of medications that are commonly used in treatment. Selecting a medication category will add a pre-populated group of medications to an interaction analysis and compare this to the manually entered drug and allergy list. This is beneficial when it is unclear what particular drug within a medication category is best to use for treatment.

Click the "Medication Categories" tab to display the groups of commonly used treatment medications. To add a medication category to the analysis, simply click the "Add" button to the left of the category name. To create a customized medication category, click the blue "Edit Medication Categories" button to build a new medication category or modify the medications contained within an existing group. To remove a medication category from the list, click the "X" next to the category name in the "Selected Items" column.



CLINICAL TOOLS

Duplicate Drug Therapy Check Box

Checking the “[Duplicate Drug Therapy](#)” box located at the bottom of the “Selected Items” column will alert the dental professional to potential duplications in drug therapy when an analysis is performed. Note that the Duplicate Drug Therapy feature is automatically checked. If you do not want the duplicate therapy screening to be performed, the box can be unchecked prior to clicking the “[Analyze](#)” button.

Alerts Button

To view how the list of medications may impact dental treatment, click the blue “[Alerts](#)” button in the lower left of the screen. Dental Alerts provide an instant summary of all medications and may include information such:

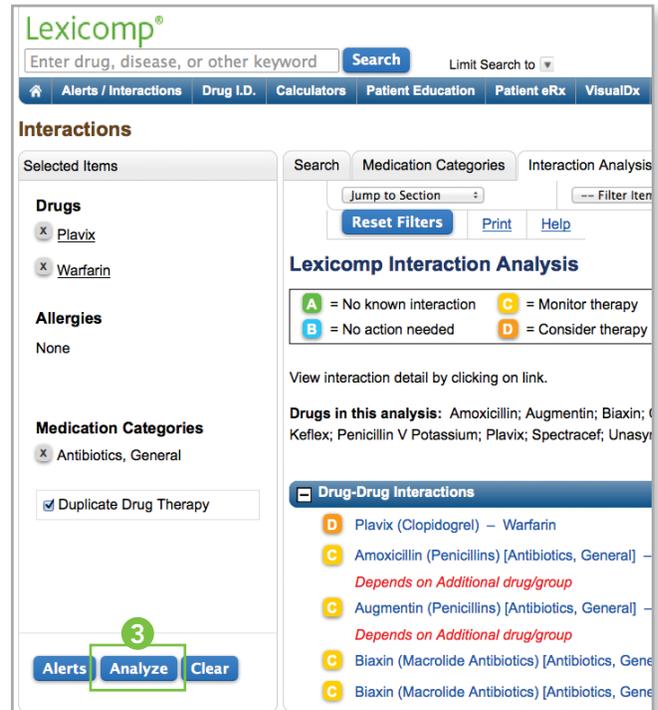
- Use – FDA-approved labeling for the safe and effective treatment of a particular condition
- Effects on Dental Treatment
- Local Anesthetic/Vasoconstrictor Precautions
- Effects on Bleeding
- Dental Comments - Pharmacology-related comments and considerations relevant to the dental professional

All Dental Alerts may be printed or exported to a PDF by using the “[Print](#)” link located in the upper right of the screen.

Analyze Button

Clicking the blue “[Analyze](#)” button in the lower left of the screen performs a drug-drug, drug-allergy, and duplicate therapy analysis between the selected items. In addition, this also runs a “[Medication Safety Check](#)” that only displays medications from the chosen Medications Categories, if at least one Medication Category has been selected.

The Interaction Analysis screen provides a summary of interactions organized by drug-drug, drug-allergy, and duplicate therapy sections. An assigned risk rating (A, B, C, D or X) appears next to each drug-drug and drug-allergy interaction. Each letter represents a different level of urgency in responding to the identified interactions. The risk rating scale appears on the interaction analysis screen and is defined in more detail on the next page. Dental professionals can filter the interactions by “[Item](#)” name or “[Risk Rating](#)” level by using the available drop-down menus located along the top of the analysis content panel. To remove the filters selected, simply click the “[Reset Filters](#)” button to return to the full, unfiltered interaction analysis results. In addition to the risk rating scale, any dependencies associated with a particular drug interaction will also be listed.



CLINICAL TOOLS

Dependencies & Risk Rating Scale

Dependencies (if applicable): Identifies various factors that may influence the occurrence or severity of the interaction. The factors may involve patient-specific variables, such as organ dysfunction (e.g., renal/hepatic), smoking status, genotype (e.g., VKORC1 haplotype), or phenotype (e.g., CYP2D6 poor metabolizer). Additional factors may relate to specific pharmaceutical dosage forms, routes of administration and/or specific dosing regimens. The presence of one or more factors may result in an increased risk and/or severity of interaction, or conversely, disqualify an interaction. Highlighting this information at the top of the monograph enables the clinician to more thoroughly evaluate the interaction relevance for a specific patient.

Risk Rating: Rapid indicator regarding how to respond to the interaction data. Each interaction monograph is assigned a risk rating of A, B, C, D, or X. The progression from A to X is accompanied by increased urgency for responding to the data. In general, A and B monographs are of academic, but not clinical concern. Monographs rated C, D, or X always require the user's attention. The text of the Patient Management section of the monographs will provide assistance regarding the types of actions that could be taken. The definition of each risk rating is as follows:

Risk Rating	Action	Description
A	No Known Interaction	Data have not demonstrated either pharmacodynamic or pharmacokinetic interactions between the specified agents.
B	No Action Needed	Data demonstrate that the specified agents may interact with each other, but there is little to no evidence of clinical concern resulting from their concomitant use.
C	Monitor Therapy	Data demonstrate that the specified agents may interact with each other in a clinically significant manner. The benefits of concomitant use of these two medications usually outweigh the risks. An appropriate monitoring plan should be implemented to identify potential negative effects. Dosage adjustments of one or both agents may be needed in a minority of patients.
D	Consider Therapy Modification	Data demonstrate that the two medications may interact with each other in a clinically significant manner. A patient-specific assessment must be conducted to determine whether the benefits of concomitant therapy outweigh the risks. Specific actions must be taken in order to realize the benefits and/or minimize the toxicity resulting from concomitant use of the agents. These actions may include aggressive monitoring, empiric dosage changes, or choosing alternative agents.
X	Avoid Combination	Data demonstrate that the specified agents may interact with each other in a clinically significant manner. The risks associated with concomitant use of these agents usually outweigh the benefits. These agents are generally considered contraindicated.

To view more detail about a particular interaction, click on a hyperlinked term to review information on:

- Patient management
- Interacting members, class exceptions
- Fully referenced discussion of the available literature
- References

To return to the Interaction Analysis summary page, click on the Interaction Analysis tab at the top of the content panel. To return to the initial search screen to enter an additional item, click on the Drugs tab at the top of the content panel.

The "Clear" button will clear all items from the list and allow the user to begin analyzing a new regimen.

CLINICAL TOOLS

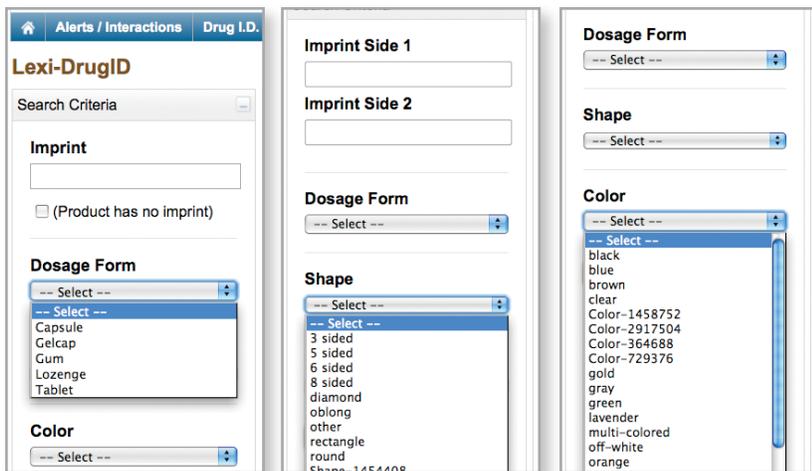
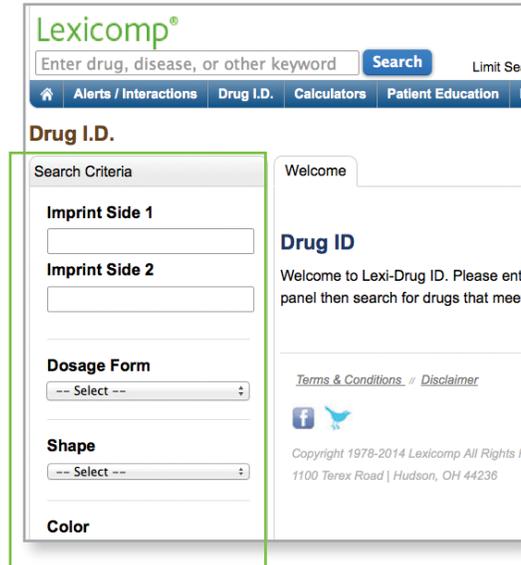


Drug I.D.

The drug identification tool, powered by Medi-Span® data, is accessed via the blue tool bar at the top of the screen. Lexi-Drug I.D. is an application that allows identification of tablets, capsules, aerosols, lotions, creams, and a variety of other dosage forms. To begin, enter known product characteristics, such as: Imprint, Dosage Form, Shape and Color.

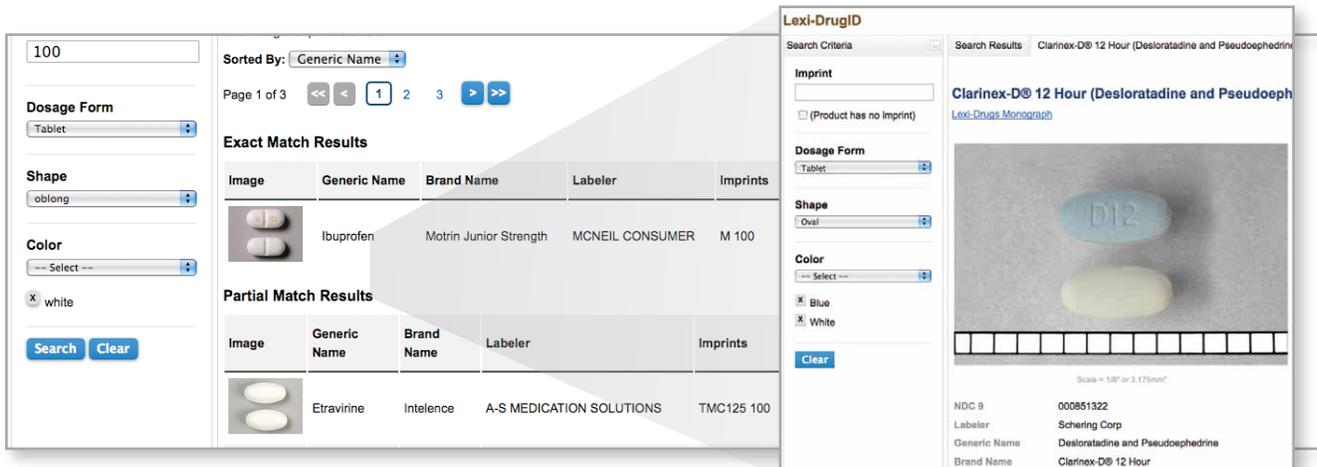
Note: When entering an imprint code, enter each discrete marking from the tablet as a separate imprint. For example, to identify a tablet with “M” on one side and “100” on the other side, enter M into the “Imprint Side 1” box, then enter 100 into the “Imprint Side 2” box. When entering dosage form, shape and color, select from the drop-down menu of choices in each of the respective boxes.

Note: Multiple colors can be entered by returning to the drop-down menu and selecting additional colors.



Once the search criteria have been inputted, click the “Search” button to execute the search. The results will be displayed according to “Exact Match Results” (if any are found), followed by “Partial Match Results.”

On the search results screen, additional information can be viewed by clicking anywhere on that product’s description for each of the products displayed. The additional information retrieved includes a larger image (when available), NDC, manufacturer, and a written description of the imprint code.



CLINICAL TOOLS



Calculations

The calculators tool is accessed via the blue tool bar at the top of the screen. Lexi-CALC is an extensive medical calculations application covering infusions, adult and pediatric organ function assessment, and other conversion calculations. In addition to those calculators unique to Lexi-CALC, the calculations module also includes calculators from MedCalc 3000, a medical reference and tool set that encompasses a wide array of pertinent medical formulae, clinical criteria sets, and decision tree analysis tools used every day by clinicians, medical educators, nurses, and healthcare students. MedCalc 3000 assists with medical error detection and reduction. When practicing, teaching, and learning medicine based on solid, literature-based data, practitioners may be easily overwhelmed by the breadth of information that they must master. MedCalc 3000 helps simplify this task by assembling easy-to-use, interactive tools to support evidence-based medicine.

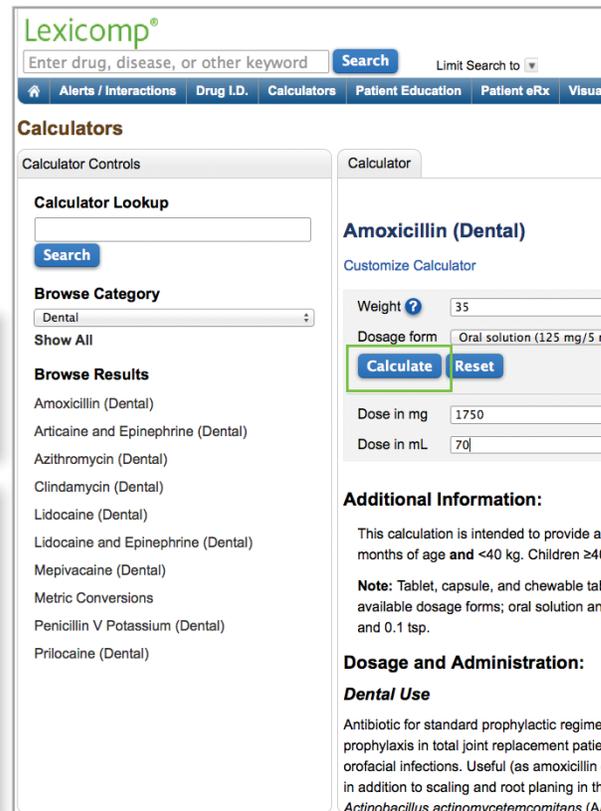
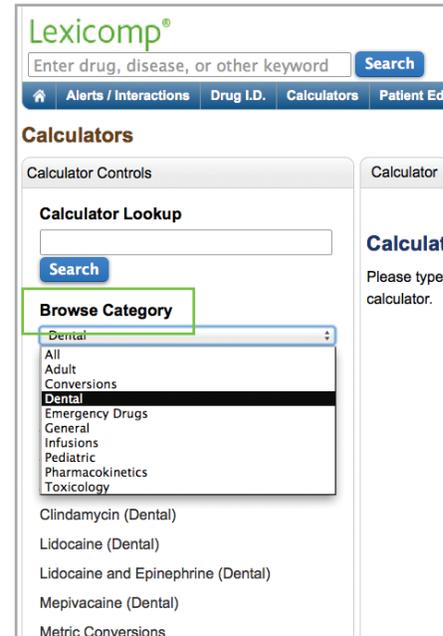
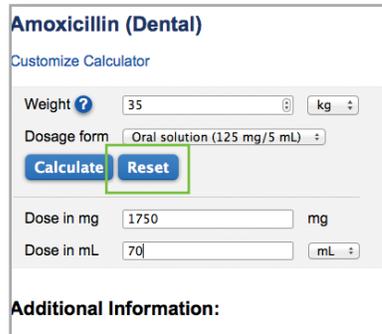
Upon opening the tool, the user is presented with a default list of dental-specific calculations for commonly used antibiotics and local anesthetics. An alphabetical list of all available calculators is located in the left panel. Search for keywords in the "Calculator Lookup" box or by scrolling through the list of calculations displayed. The "Browse Category" drop-down menu can be used to browse a specific subset of calculators.

To perform a calculation, enter in the required variables. **Note:** You must change the units before entering a value if you are changing from the default settings. Click the "Calculate" button to perform the calculation.

To help support patient safety, input data is checked against accepted values/ranges throughout the calculation process. When an input is restricted, click on the "Input" button to display the accepted range. If a value is entered that falls outside the accepted range, a warning will be displayed after the "Calculate" button is clicked. This warning will be displayed in red text and will instruct the user to correct the value that is out of range before the calculation can be performed.

To start over, click the "Reset" button to clear all values and begin the calculation again.

To print a calculation, click the "Print" button.



CLINICAL TOOLS



Patient Education

The Patient Education tool can be accessed via the blue tool bar at the top of the screen. It allows users to access and print patient-focused materials addressing medications, conditions, procedures, natural products, discharge instructions, and healthy living.

Searching for Leaflets

The right content panel includes tabs across the top for accessing leaflets by searching or browsing alphabetically or by topic. To search for a topic, enter a keyword into the search box and click the "Search" button. A list of matching topics will be displayed.

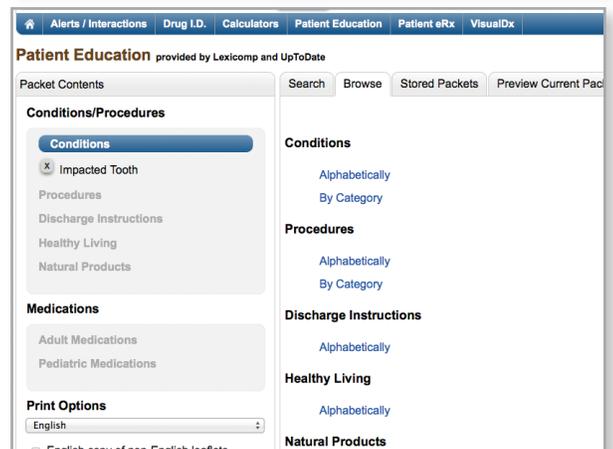
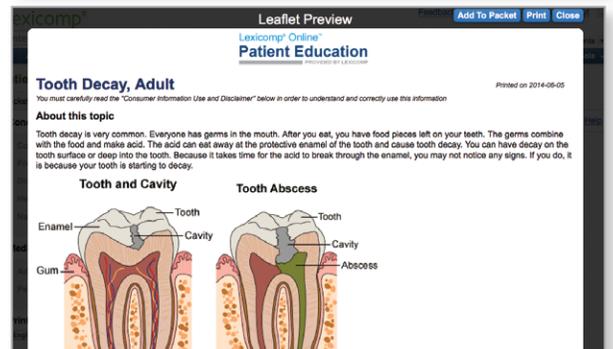
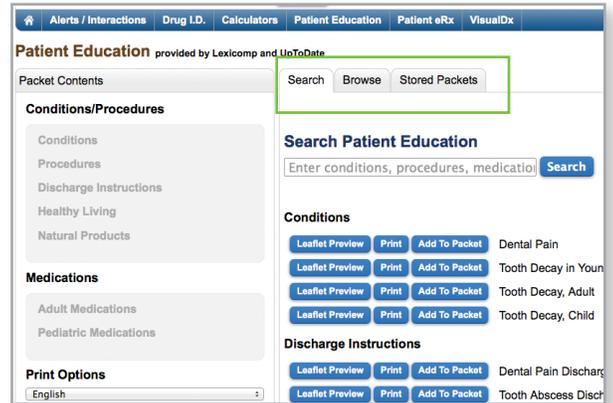
To preview a leaflet, click "Leaflet Preview" and it will be displayed in a preview window. To print from this preview screen, click "Print." To exit preview mode, click "Close." To print a leaflet directly from the search results screen, click the blue "Print" button. To add a leaflet to the printable packet from the preview mode, click the "Add" button. To exit the preview mode, click "Close." To add the leaflet to the printable packet from the search results screen, click "Add to Packet." Continue this process until all desired leaflets are added to your printable packet. You may print the packet in English or a variety of other languages.

To find leaflets by browsing an alphabetical or topical index, click the "Browse" tab at the top of the content panel. From this screen, the user can choose to browse conditions, procedures, discharge instructions, healthy living topics, natural products and medication leaflets (both adult and pediatric). To view available topics, click on the hyperlink under the type of leaflet you wish to view (Alphabetically or By Category). When browsing alphabetically, select a letter of the alphabet to view the topics that begin with that letter. When browsing by category, click on the desired body system to see a list of topics available. In either case, the "Preview" and "Add" options will function the same as outlined above.

Stored Packets

To access Lexicomp pre-defined packets or any custom stored packets, click the "Stored Packets" tab at the top of the content window. A list of available packets will be displayed. To use a pre-defined packet, click the "Load" button to the left of the desired packet. If desired, you can return to the "Search" or "Browse" tabs at the top of the application to add more documents to your packet before printing.

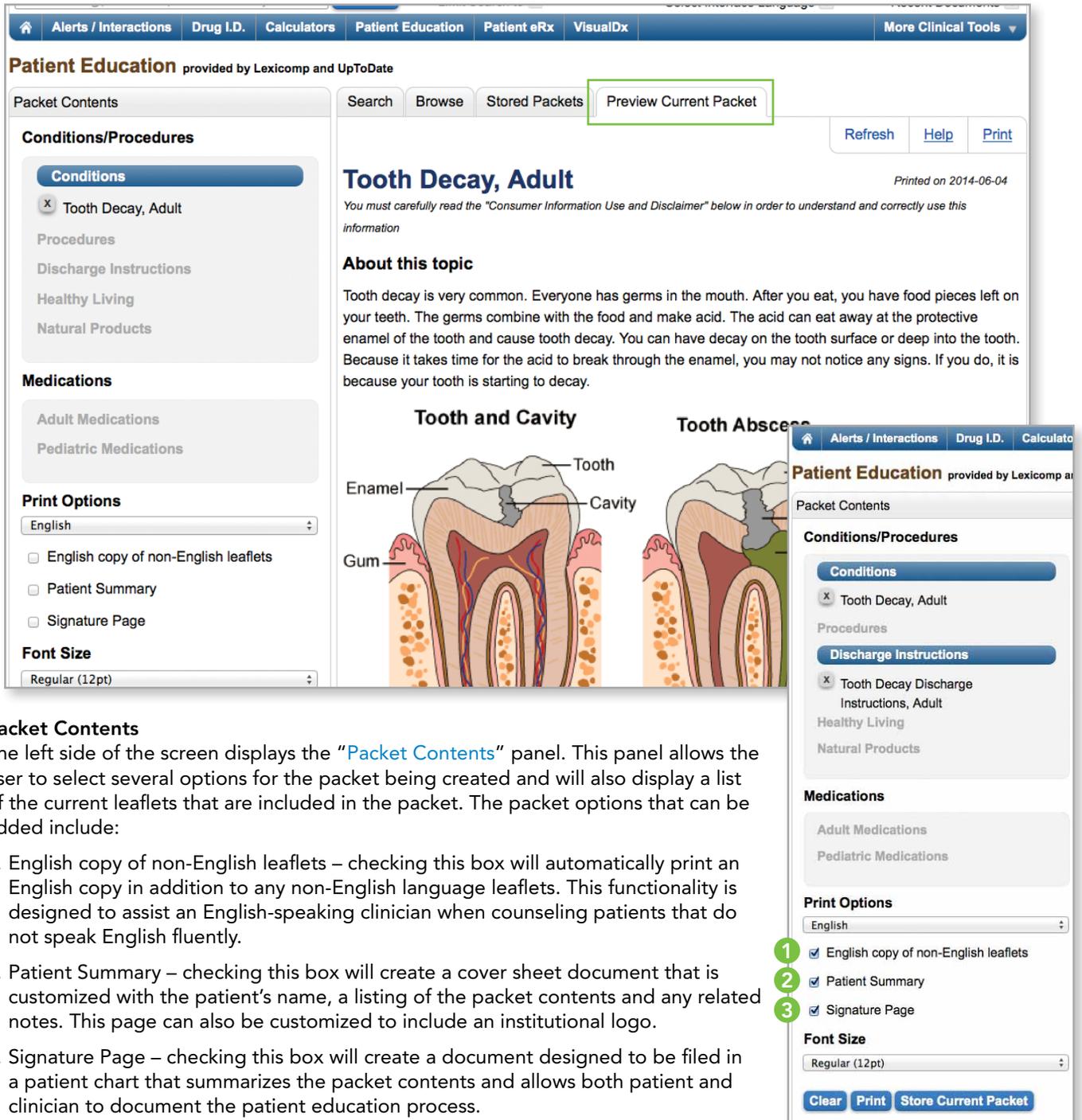
Lexicomp also allows storage of a custom packet created by the user. To create a custom packet, use the "Search" or "Browse" functionality to add all of the desired leaflets to your packet. Then click the "Stored Packets" tab and choose the "Store Current Packet" button. This will allow you to enter a name for your packet. Please keep in mind that the naming convention used should not contain any patient identifiers to avoid any HIPAA conflicts. Once you have entered a name, click the "Store" button to save the packet contents. The next time you access the Patient Education tool, your packet will be available under the "Stored Packets" tab.



CLINICAL TOOLS

Preview Current Packet

To preview the current contents of your packet, click the “[Preview Current Packet](#)” tab at the top of the content window. This will display all of the documents that you have currently added to your packet as well the Patient Summary and Signature Page (if selected). From this preview screen, you can choose to add the patient’s name and any notes to be printed on the Patient Summary and Signature Pages (*Note: this information is not stored in the system and will be lost if you exit this tool or print the packet and start over*).



Packet Contents

The left side of the screen displays the “[Packet Contents](#)” panel. This panel allows the user to select several options for the packet being created and will also display a list of the current leaflets that are included in the packet. The packet options that can be added include:

1. English copy of non-English leaflets – checking this box will automatically print an English copy in addition to any non-English language leaflets. This functionality is designed to assist an English-speaking clinician when counseling patients that do not speak English fluently.
2. Patient Summary – checking this box will create a cover sheet document that is customized with the patient’s name, a listing of the packet contents and any related notes. This page can also be customized to include an institutional logo.
3. Signature Page – checking this box will create a document designed to be filed in a patient chart that summarizes the packet contents and allows both patient and clinician to document the patient education process.

In addition to the above options, the “[Packet Contents](#)” panel also allows the user to modify the font size for the entire packet using the “[Font Size](#)” drop-down menu. In addition to font size, the leaflets are available in multiple languages. Under each leaflet type subsection (Conditions, Procedures, etc.) is a drop-down menu with the available languages. To select a different language, click on the drop-down menu and highlight the desired language (only available languages will be displayed in the drop-down menu).

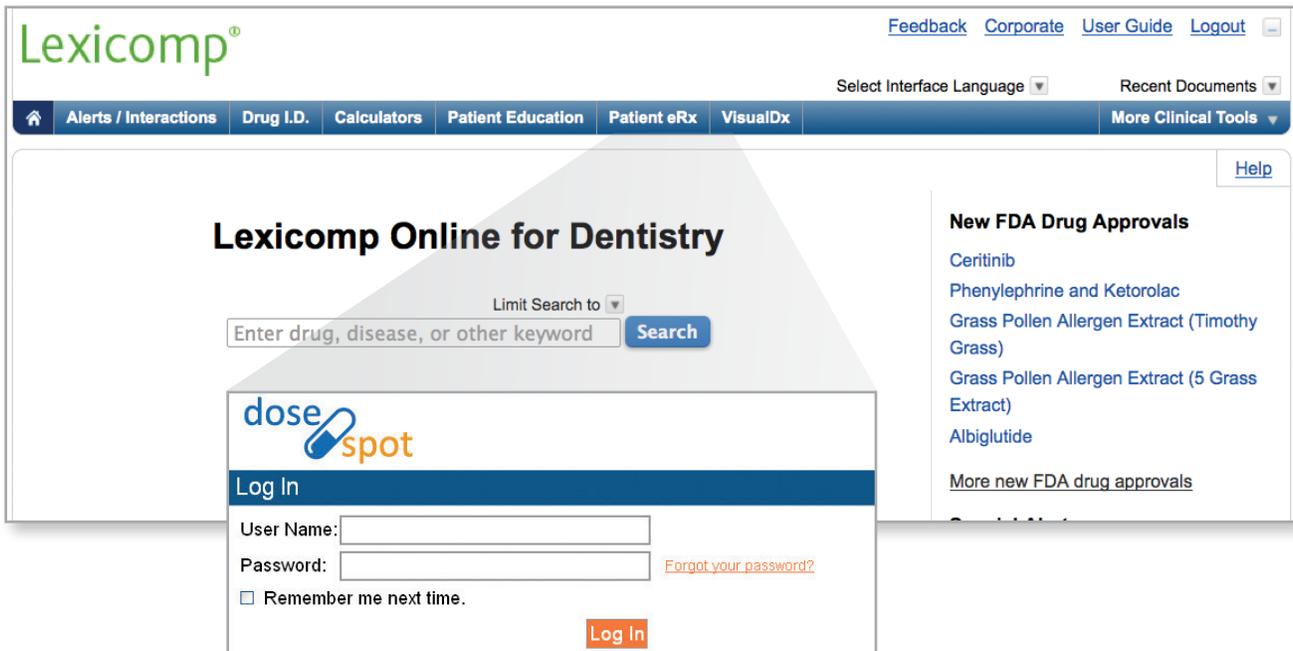
CLINICAL TOOLS



DoseSpot Patient ePrescribing (Optional)

The Patient ePrescribing tool, DoseSpot Dental, is accessed via the blue tool bar at the top of the screen. This integrated medication management and ePrescribing module provides the user with dental-specific information at the point of prescribing. DoseSpot Dental is not only for writing prescriptions but also includes many important features such as medication history search and drug interactions.

With just a mouse click, you can automatically verify a patient's medication history and view up to a year's worth of prescribed medications. Additional warnings and alerts such as drug-drug and drug-allergy interactions are automatically generated, and you will be provided with dental-specific information such as a medication's dental use, effects on dental treatment, and effects on bleeding.

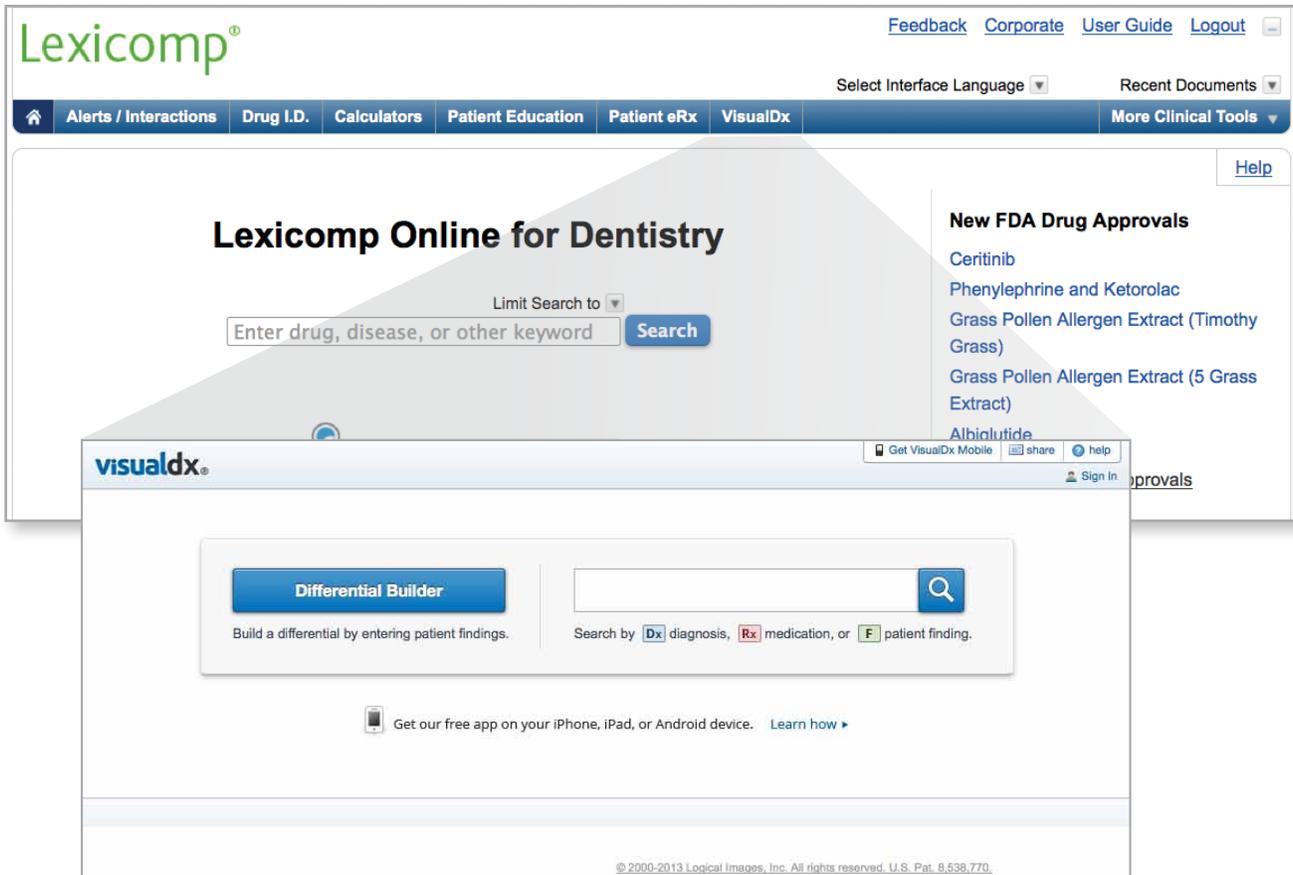


CLINICAL TOOLS

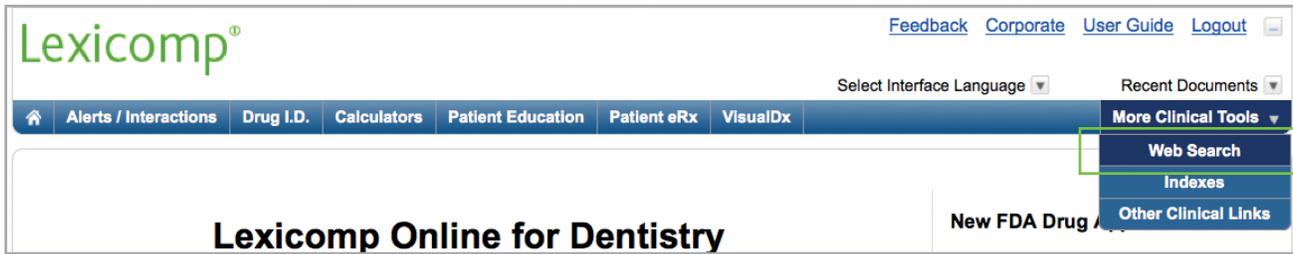


VisualDx® Oral Lesion Diagnosis (Optional)

VisualDx® Oral is a first-of-its-kind oral lesion diagnosis tool. VisualDx Oral computer-assisted lesion diagnosis is designed to help reduce diagnostic error, advance patient care, and save research time. Dental professionals input visual clues, symptoms and health history into the VisualDx “Differential Builder” to develop a patient-specific differential diagnosis for common and rare oral lesions. After confirming a diagnosis, users can then quickly access next steps for management and care. VisualDx Oral features more than 800 medical images of the oral cavity and systemic disease with oral manifestations, and it provides easy-to-understand patient education with images.



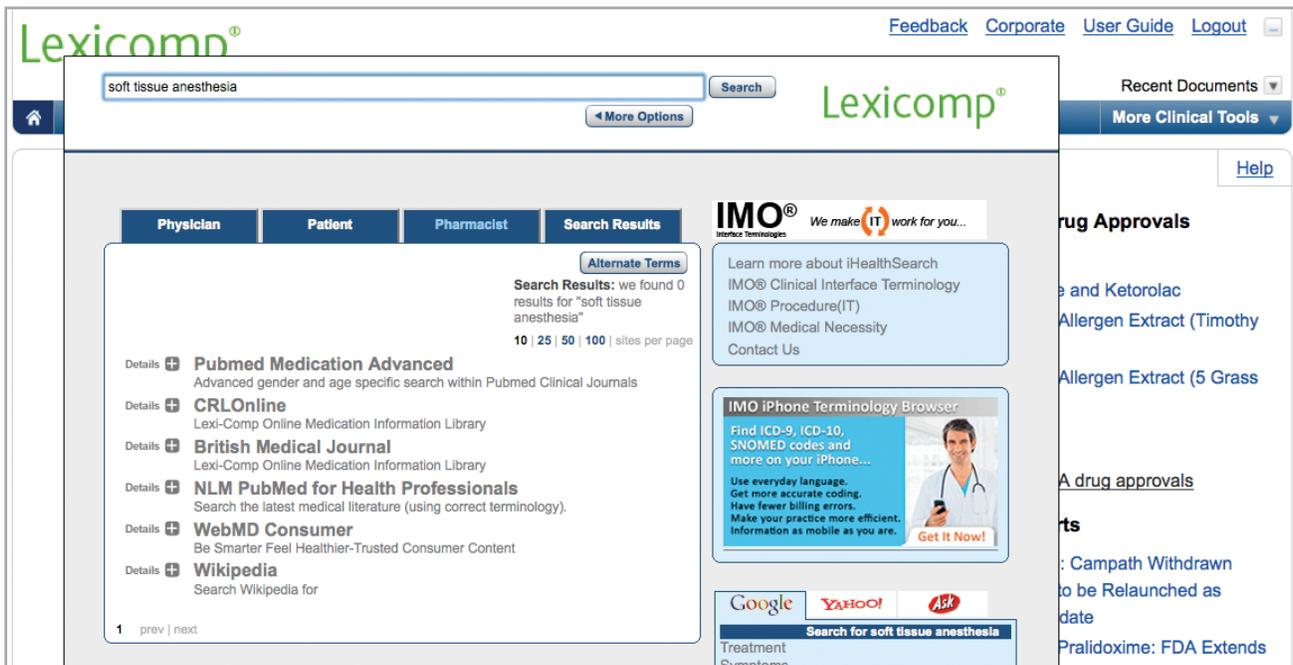
CLINICAL TOOLS



Web Search

The Web Search tool can be accessed via the blue tool bar at the top of the screen under "More Clinical Tools." Web Search is a tool that allows the Lexicomp Online for Dentistry user to expand a search to other medically based websites.

To begin, enter a desired search term in the Lexicomp Online for Dentistry search box (search terms can be any medically related keyword). Once the desired term is entered into the search box, click on the "Web Search" button from the blue tool bar under "More Clinical Tools." Results are displayed in a separate window, with access to content from various resources, plus additional links to abstracts and primary literature.



After the results are displayed, click on any of the links to access more detail. Access to full-text articles from the results will depend on your institution's subscriptions to those sites.

