

UpToDate Lexidrug for Dentistry

Quick reference guide

→ Clinical databases include:

- Dental-specific Drug Information
- Natural Products
- Dental Office Medical Emergencies
- Oral Soft Tissue Diseases
- Oral Hard Tissue Diseases
- Oral Surgery
- Periodontics
- Endodontics
- Dental Implants

→ Clinical modules:

- Dental Alerts & Drug Interactions and Allergy Screener with Medication Safety Check: Medication warnings; analysis of drug, herbal and drug allergy interactions, as well as duplicate therapy screening; and recommendations of drugs from a category that won't interact with a patient's regimen and known allergies to help inform treatment decisions
- Drug ID: Identification of drugs by dosage form, imprint, color, and shape
- Medical Calculators: Wide range of medical calculations
- Patient Education: Printable leaflets providing drug, natural product, dental topics, disease, condition and procedure information written for patients

→ Optional add-on resources:

- VisualDx® Oral: Oral lesion diagnosis tool

Searching to display monograph

From the home page **1** or on the top left corner of every page, enter any keyword (i.e., drug, dental condition, procedure) in the search box and click the "Search" button. To assist with searching, a possible keyword list will appear after you enter at least three (3) 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.

2 To view the results, simply click on the hyperlink under the database listing you wish to review.

The screenshot shows the UpToDate Lexidrug for Dentistry home page. At the top, there is a navigation bar with links for Home, Alerts / Interactions, Drug I.D., Patient Education, Calculators, Patient eRx, and More Clinical Tools. The main heading is 'Lexidrug™ Dentistry'. A search bar is located in the center, containing the text 'Vic'. A dropdown menu is open below the search bar, displaying a list of suggestions: victoza, vicodin, victoza dosing, vicks vaporub, vicoprofen, victoza injection, and Sulopenem Etzadroxil and Probenecid. A red circle with the number '1' is positioned to the left of the search bar, indicating the search input area.

The screenshot shows the search results page for 'vicodin'. The navigation bar is the same as in the previous screenshot. Below the navigation bar, the search results are displayed. The heading is 'Search Results for "vicodin"'. There is a link for 'Dental Lexi-Drugs' which is highlighted with a red box and a red circle with the number '2'. Below this link, the text reads 'Vicodin (HK, PR) International Brand Name for Hydrocodone and Acetaminophen'. There are also links for 'Dosing' and 'Adverse Reactions', and a note that the information was 'Updated 10/02/24'.

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Quick reference guide (Continued)

Navigating content within a drug monograph

Once you select a search result, the monograph will be displayed. Navigate monograph content quickly by using the Outline **3** on the left side, including the option to view the Outline alphabetically **4**.

Each drug monograph contains dental-specific fields of information such as:

- Dental Health Professional Considerations
- Dental Use
- Dental Usual Dosage
- Effects on Bleeding
- Effects on Dental Treatment
- ELocal Anesthetic / Vasoconstrictor Precautions

The screenshot shows the UpToDate Lexidrug for Dentistry interface. The search bar at the top contains "Hydrocodone and Acetaminophen (Dental Lexi-Drugs)". The navigation bar includes Home, Alerts / Interactions, Drug I.D., Patient Education, Calculators, Patient eRx, and More Clinical Tools. The main content area is divided into tabs: Outline, Alphabetical, Monograph, Images, Adult Patient Education, and Pediatric Patient Education. The Outline tab is selected, and the Alphabetical option is highlighted. The main content area shows the following sections: Pronunciation (with a pronunciation guide: (hye droe KOE done & a seet a MIN oh fen)), Drug Shortages (with a link to ASHP: https://www.ashp.org/Drug-Shortages/Current-Shortages), and ALERT: US Boxed Warning (with an Expand All button). The Outline tab on the left lists various sections, including Dental Health Professional Considerations, Dental Use, Dental Usual Dosage, Effects on Bleeding, Effects on Dental Treatment, and ELocal Anesthetic / Vasoconstrictor Precautions. Red circles with numbers 3 and 4 highlight the Outline and Alphabetical options, respectively.

Accessing images and patient education leaflets

In addition to the monograph information, additional content is available via the tabs **5** across the top of the monograph window. Clicking on these tabs will give users access to drug images, adult patient education material and pediatric patient education material.

The screenshot shows the UpToDate Lexidrug for Dentistry interface. The search bar at the top contains "Hydrocodone and Acetaminophen (Dental Lexi-Drugs)". The navigation bar includes Home, Alerts / Interactions, Drug I.D., Patient Education, Calculators, Patient eRx, and More Clinical Tools. The main content area is divided into tabs: Monograph, Images, Adult Patient Education, and Pediatric Patient Education. The Monograph tab is selected. The main content area shows the following sections: Pronunciation (with a pronunciation guide: (hye droe KOE done & a seet a MIN oh fen)), Drug Shortages (with a link to ASHP: https://www.ashp.org/Drug-Shortages/Current-Shortages), and ALERT: US Boxed Warning (with an Expand All button). Red circles with numbers 5 and 6 highlight the Images, Adult Patient Education, and Pediatric Patient Education tabs, respectively.

Explore by general category

The "Explore by General Category" function below the search box **6** 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. Browse all clinical reference content by clicking the "Dental Databases" **7** category to display the complete listing of dental databases.

The screenshot shows the UpToDate Lexidrug for Dentistry interface. The search bar at the top contains "Search". Below the search bar is the "Explore by General Category" section, which is highlighted with a red box and a red circle with the number 6. The "Explore by General Category" section lists four categories: Drugs, Dental Databases, Oral Surgery Videos, and Patient Education. The "Dental Databases" category is selected, and a red circle with the number 7 highlights it. To the right of the "Explore by General Category" section is the "New FDA Drug Approvals" section, which lists several drugs: Revumenib, Eladocagene Exuparvovec, Obecabtagene Autoleucl, Sulopenem Etzadroxil and Probenecid, and Zolbetuximab. Below the "New FDA Drug Approvals" section is the "Help and Training Resources" section, which lists Training Videos, Quick Reference Guide, and User Guide. Red circles with numbers 6 and 7 highlight the "Explore by General Category" section and the "Dental Databases" category, respectively.

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Click the database name **8** to review available indexes within a database or view all database indexes on the left **9**.

Dental Lexi-Drugs

- Generic Names
- U.S. Brand Names
- Charts/Special Topics**
- Changed Last 7 Days
- Pharmacologic/Therapeutic Category
- REMS
- Prescribing and Access Restrictions
- Boxed Warnings
- Special Alerts

Other Dental Title Databases

Dental Lexi-Drugs

Dental Lexi-Drugs is designed for all dental professionals seeking information on com and herbal products. Written by dentists for dentists, this best-selling resource include drugs, natural products, and dietary supplements.

Dental Office Medical Emergencies

This database is designed to provide information for the practicing dentist and dental management of emergencies are part of the office knowledge base. The database pre

The 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.

UpToDate® Lexidrug™ Dentistry

UpToDate Lexidrug for Dentistry Sign out

Home Alerts / Interactions Drug I.D. Patient Education Calculators Patient eRx More Clinical Tools

Dental alerts and drug interactions

Clicking on the “Alerts/Interactions” button provides a tool to quickly assess risk management information about a patient’s entire drug profile. Enter all patient medications (both prescription and over-the-counter), natural products, foods and/or alcohol, and known medication allergies. Once the list is complete, review the following:

Alerts **1** button delivers a summarized report describing how patient medications will affect dental treatment.

Interactions

Selected Items

Drug(s)

Enter Drug Name Add

- X Digoxin Single Drug Analysis
- X Glucophage (CAN) Single Drug Analysis
- X Lexapro Single Drug Analysis

Allergies

Enter Allergy Name Add

Medication Categories

Duplicate Drug Therapy

Clear Alerts Analyze

Interaction Checking Interaction Analysis Medication Category

Digoxin

Use

Atrial fibrillation or atrial flutter, rate control: Control of ventricular response rate

Heart failure with reduced ejection fraction (HFrEF): Treatment of mild to moderate ACCF/AHA heart failure in adults; to increase myocardial contractility in pediatric

Local Anesthetic/Vasoconstrictor Precautions

Use vasoconstrictor with caution due to risk of cardiac arrhythmias with digoxin

Effects on Dental Treatment

Sensitive gag reflex may cause difficulty in taking a dental impression.

Effects on Bleeding

No information available to require special precautions

Glucophage (CAN)

Use

Diabetes mellitus, type 2, treatment: Management of type 2 diabetes mellitus with and exercise alone.

Local Anesthetic/Vasoconstrictor Precautions

No information available to require special precautions

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Medication categories 2 will add a category of treatment medications (i.e., Antibiotics) to an interaction analysis for comparison against a patient's medication list.

This screenshot shows the 'Medication Categories' section of the Lexidrug interface. On the left, under 'Selected Items', there are input fields for 'Drug(s)' and 'Allergies', and a 'Medication Categories' section with a red box and a circled '2' pointing to it. Below this is a checked checkbox for 'Duplicate Drug Therapy'. On the right, the 'Medication Categories' list includes: A-Drugs-DO-NOT-DELETE, anesthetic meds 2, BP List, Category Sample, Custom View New, Dental List 2, Dr. Vinod, and Greg test. Each category has an 'Add' button.

Analyze 3 provides a review of interactions, drug allergies and duplicate therapies, including an assigned risk rating (A, B, C, D or X). Each letter represents a different level of urgency in responding to the identified interactions. Use the filters to refine the results.

This screenshot shows the 'Analyze' results page for Lexapro. On the left, there are sections for 'Allergies' and 'Medication Categories' (with a checked 'Duplicate Drug Therapy' checkbox). At the bottom left, there are 'Clear', 'Alerts' (with a red box and circled '3'), and 'Analyze' buttons. On the right, there are risk rating legends: 'B = No action needed' and 'D = Consider therapy modification'. Below this, it lists 'Drugs in this analysis: Digoxin, Glucophage (CAN), Lexapro' and provides a link to 'View interaction detail by clicking on link.'. The main content area shows three expandable sections: 'Drug-Allergy Interactions' (No interactions identified), 'Drug-Drug Interactions', and 'Duplicate Therapy Interactions'. A specific interaction is highlighted: 'C Glucophage (CAN) (Agents with Blood Glucose Lowering Effects) - Lexapro (Select...'.

Medication safety check 4 displays only the drugs from the selected Medication Category that are unlikely to interact.

This screenshot shows the 'Medication Safety Check' results page. The top navigation includes 'Interaction Checking', 'Interaction Analysis', 'Medication Categories', and 'Medication Safety Check' (with a red box and circled '4'). The 'Drugs in this analysis' list includes: Amoxicillin; Amoxicillin and Clavulanate; Augmentin; Cefaclor; Ceftin (CAN); Cephalexin; Digoxin; Glucophage (CAN); Keflex (DSC); Lexapro; Penicillin V Potassium. A section titled 'Antibiotics, Penicillin & Cephalosporin' is expanded, showing a list of drugs: Amoxicillin, Ceftin (CAN), Penicillin V Potassium, Augmentin, Cefaclor, and Amoxicillin and Clavulanate. A disclaimer box states: 'Readers are advised that decisions regarding drug therapy must be based on the independent judgment of the clinician, changing information about a drug (eg, as reflected in the literature and manufacturer's most current product information), and changing medical practices.' The page is dated 'Created on November 18, 2024 at 8:42:05 PM UTC'.

Drug ID

Drug ID is a module that allows identification of tablets, capsules and other oral solid dosage forms by entering known product characteristics, such as: Imprint, Dosage Form, Shape and Color. Results and additional product information are displayed with a link to available images.

Search Criteria

Imprint Side 1

Imprint Side 2

Dosage Form

Shape

Color

Drug/Product Name

Manufacturer/Labeler

Identifier
 Min. 4 digits required

Search Results

Sort By: Generic Name Brand Name

Partial Match Results

Image	Generic Name	Brand Name	Labeler	Imprints	Dosage Form	Strength
	Abacavir		AMERICAN HEALTH PACKAGING, AUROBINDO PHARMA, MAJOR PHARMACEUTICALS	D 88	Tablet	300 mg
	Abacavir		CIPLA USA	5 14	Tablet	300 mg
	Abacavir		CAMBER PHARMACEUTICALS, XLCARE PHARMACEUTICALS	H, 13 9	Tablet	300 mg
	Abacavir		MYLAN, MYLAN INSTITUTIONAL	M 120	Tablet	300 mg

Calculators

Calculators is a robust dental and medical calculations tool covering adult and pediatric dosing, conversions, and other general medical calculations.

Calculator

Lidocaine

[Customize Calculator](#)

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ONLY DIGITS 0 TO 9 AND A SINGLE DECIMAL POINT "." ARE ACCEPTABLE AS NUMERIC INPUTS. ATTEMPTED INPUT OF CHARACTERS INTO A NUMERIC FIELD MAY LEAD TO AN INCORRECT RESULT.

Drug Amount mg

Infusate Volume

Dose mg/min

[Calculate](#) [Reset](#)

Infuse Rate mL/hr

Additional Information

Formulas:

Infuse Rate:

$$\text{Infuse Rate} = (\text{Dose} * 60) / (\text{Drug Amount} / \text{Infusate Volume})$$

- Infuse Rate is calculated in mL/hr
- Dose is input in mg/min
- Drug Amount is input in mg
- Infusate Volume is input in mL

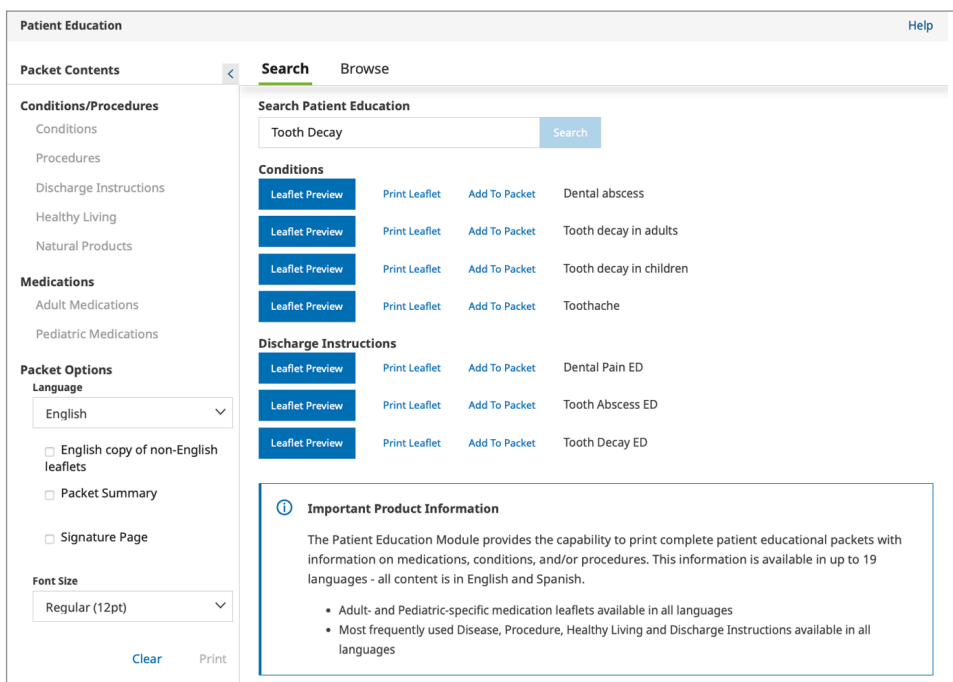
Index Terms

Calculator; Lidocaine; Lidocaine HCl; Lidocaine Hydrochloride; Xylocard

Disclaimer These formulas are intended to assist physicians and other competent healthcare professionals who will rely on their own discretion for medical diagnosis and treatment. While care has been taken to ensure the accuracy of the information presented, the user is advised that the authors, reviewers, contributors, and publishers cannot be responsible for any errors or omissions in this software or for any consequences arising therefrom. Use regarding drug therapy or dose must be based on the independent judgment of the physician or other qualified healthcare professional.

Patient education

Create patient packets that include drug, disease and procedure leaflets (available in up to 19 languages).



More clinical tools

Create patient packets that include drug, disease and procedure leaflets (available in up to 19 languages).

- A VisualDx:** Help identify drug-induced conditions of the skin. *When included in your subscription.*
- B Indexes:** Review descriptions of all available content sets within your subscription. The indexes section allows you to quickly link to more information, including available fields and the list of editorial advisory panel members.
- C Other Clinical Links:** Easily link to external websites for additional clinical information or research, including the National Library of Medicine, ASHP (Drug Shortages), FDA (Recalls, Withdrawals, and Safety Alerts), and more.
- D Advanced Search:** Use keywords to search within content sets or within a specified field.

