bulletpoint **TUTORIALS**

The searchbar is the most effective way to get around Bulletpoint.

Try searching by either:

- Entering a few letters of the desired search term
- Entering keyword(s)

As you begin to type, your results will automatically populate beneath the searchbar. Simply type until you see your desired result and tap the desired selection.

Medical & Drug Content Cards

- Medical & drug content cards generally are arranged by background, pathophysiology, diagnosis, treatment, disposition, prevention, patient education and/or nursing considerations as relevant to the card and suite.
- **Bold Purple text** indicates a link to more information, such as:
- Topics
- Labs
- Illustrations
- Calculators
- Evidence-based inquiries
- Embedded dictionary definitions



RELATED TOPICS

Links to broader Penicillins – topics related to the current page.

MEDICAL

& DOSING

CALCULATORS

Blue links can

be clicked to

calculator.

open the specific

Amoxicillin

Adult Dosing

- To reduce risk of developing drug-resistant bacteria, and also maximize Tx efficacy:
 - Administer Tx only for proven/strongly suspected susceptible bacteria
- ENT/skin and/or subcutaneous tissue/genitourinary tract infections
- Mild-moderate: 500 mg PO q12h or 250 mg PO q8h

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PO q12h or 500 mg PO q8h

ct infections

mg PO q12h or 500 mg PO
```

pneumonia (outpt; comorast 3 mths)

DO mg clarithromycin and le) x 14 days OR D mg lansoprazole) x 14 days S 1 o BO oD x 10 days

FAVORITES

Save content in one convenient to access location.

QUICKLINKS –

Quicklinks are Bulletpoint's subsections that you can select to quickly navigate any section in our content. Select **Menu** to view after closing

Amoxicillin

Adult Dosing Pediatric Dosing Renal and Hepatic Contraindications Indications Mechanism of Action Adverse Drug Rxns Pregnancy/Lactation Kinetics/Dynamics Overdose Mgmt Interactions Trade Names Other Info

Tools

From the suite homepage or the dropdown navigation, select a specific tool to navigate to it.

Try switching between a few of the available tools:

- Content Table of Contents
- Interaction Drug Interactions
- DDx Differential Diagnosis
- Calculators Medical & Dosing Calculators
- Pill Identifier
- Allergy Checker Drug-Allergy Checker
- IV Comp IV Compatibility Tool
- Favorites



Drug Interactions Checker

The Drug Interactions Tool is a simple, effective way to screen for potential drug interactions.

The following interaction Severities and Alerts are available:

Potential Duplicate Therapy	Duplicate Ingredient	
••••••		
Life Threatening	Never use these combinations	
Significant	Avoid using these combinations unless the benefits outweigh the risks and there are no alternatives	
Moderate	Potential for dangerous closely	s interactions, monitor
Minor	Potential non-serious in	nteractions
Non-Significant	No or negligible interac	tions

Try it!

- Type the first few letters of a drug, herbal, over-the-counter medication, or food in the searchbar. Select your choice from the list.
- Each selection will be added to the list below the searchbar.
- Interaction results will automatically populate below in the **results** section. After clicking the content expanding down arrow select **More** and the detailed interaction monograph will pop-up.

Understanding Interaction Severity

Interactions are shown with colored warnings that are listed in order of decreasing severity.

To learn more about an interaction: click the arrows to the right of the detected interaction.

To clear your choices, click on the Clear Selected **Drugs** button next to the searchbar or swipe left on individual items and click **delete**.





MORE DETAILS

Level of Concern

- 4: Possible serious drug/drug interaction
- Caution: If other drug/drug or drug/gene interactions are present the result may be cumulative and the effect increased so drug dosing change or alternative drugs may be necessary

Action

Monitor for slowed or difficult breathing

Drug Allergy Checker

Similar to the Drug Interactions Checker, the Drug Allergy Checker screens for potential allergic reactions.

Try it!



history, tap the **Planning to Take** tab and enter the drug, food, class, agent or "other" that the patient is planning to take. Potential allergy results will display automatically in the results section.



To clear your choices, click on the **Clear Selected Drugs button** next to the searchbar or swipe left on individual items and click **delete**.

Medical & Dosing Calculators

Bulletpoint features medical calculators and weight-based and IV driprate dosing calculators. Calculators can be found within the medical calculator tool as well as directly searched from the main searchbar.

Try it!

- Select the **Medical Calculators** icon from the tool page or menu. Alternatively, any search will show a calculator icon next to relevant items.
- To search for a specific calculator, begin typing the first few known letters in the searchbar until your desired calculator displays, then select it.

	View Equation
Drink Volume Ingested	\mathcal{Y}
100	mL
%EtOH	
40	
Body Wt	
180	lb•
Sex	
	Male
Time last drink (hrs)	
1	
Calculate	
	Result: 0.041 %

ADDITIONAL INFO

Select the **View Equation** Button to open a detailed equation instructions and calculator background information.

Blood Alcohol Concentration

Background

- Widmark's formula for calculating a person's estimated Blood Alcohol Content (BAC) at a particular time
 - Most common formula for calculating BAC
- Current laws in the USA for DUI is considered ≤ 0.08

Instructions

- A. Drink ingested by volume
- B. Percent of alcohol in drink
 - Suggested input of highest alcohol percentage if mixed cocktail (i.e., green apple martini
- 15% schnapps + 40% vodka, use 40% vodka) C. Patient's weight
- C. Patient's weight
- D. Patient's sex ("r" value)
 o Females = 0.55
 - Males = 0.68
- E. Time since last drink in hours (e.g., 1, 1.5, 2, 2.5,
- etc)

References

1. Widmark EMP. Principles and Applications of

Medicolegal Alcohol Determination Riomedical

ENTER & CALCULATE

Fill out the relevant calculator dropdowns and fields and click **Calculate** to get the results.

Differential Diagnosis Generator (DDx)

Our Differential Diagnosis Generator, or DDx, "generates" a list of potential diagnoses by a patient's gender, age, symptoms and/or symptom severity.

Try it!

Type a symptom in the searchbar below "Differential Diagnosis," then click the symptom to select it. Repeat for all symptoms.

 If the selected symptom has any subsymptoms, the subsymptom options will show and be selectable (e.g., if choosing "Weight," the subsymptoms "Gain" and "Loss" will appear).



The Pill Identification Tool

Pill Identification Tool allows you to access possible matches to a pill based on common identifiers. Not all fields need to be populated to find results.

- **Imprint:** Type any imprinted text on the pill into the input field. Even a partial imprint can produce results. If there is a divider or space between the numbers on the pill, separate them with a semicolon (;).
- **Score:** To search score types select the downfacing arrow and select your score options, or leave it at "all".
 - "1" indicates one section with no score.
 - "2" indicates two sections with a single score.
 - "3" indicates three sections with a split score or two scores in a row.
 - "4" indicates four sections with two intersecting scores or three scores in a row.
- **Shape:** Select the down-facing arrow and select the closest pill shape from the menu.
- **Color:** Select the closest primary pill and secondary color (if relevant).

Once pill characteristics are defined select the **View Results** button to view possible results.

The maximum number of results that can be displayed is 250. If a picture isn't available, a graphic representation is provided.

*User must be connected to the internet for pill pictures to work properly.



Imprint 🕜	223
Score	al
Shape	round
Color(s)	any color any color
Hide Search Criteria	Clear Al
E. 223	
CILOSTAZOL Shape: ROUND Color: WHITE Generic: CILOSTAZOL	

IV Compatibility Tool

The IV Compatibility Tool provides IV compatibility information for drug-solution and drug-drug solution combinations.

Try it!

- Type the first few letters of a drug in the searchbar, and select one from the choices that begin to display. Do the same for your second paired drug.
- Additive, syringe, Y-site compatibility results, and any comments will display below your selections after entering up to 2 drugs.



To clear your choices, click on the **Clear Selected Drugs button** next to the searchbar or swipe left on individual items and click **delete**.

Indications Tool

The Indications tool can be utilized to find indications and contraindications for selected drugs, find new drugs for certain indications, and find new indications for selected drugs.

- **Search for a drug:** find indications and contraindications for the selected drug.
- Search for an indication: find drugs for the selected indication.
- **Search for both:** find out if the selected drug is indicated for the selected indication.

Q Search for a drug and/or indication Selected Drug/Indication Clear Coumadin	Q. Search for a drug and/or indication Selected Drug/Indication Clear Coumadin	Q Search for a drug and/or indication Selected Drug/Indication Clear
Indication Information	Stress ulcer prophylaxis Indication Information	Pulmonary embolism
Indications for drug: • Atrial fibrillation • Cerebrovascular accident • Coronary artery thrombosis • Myocardial infarction • Postoperative complication • Pulmonary embolism • Thromboembolic disorder • Thromboembolic disorder • Thrombophlebitis • Transient ischemic attack • Venous thrombosis Contraindications for drug: • Alcohol dependence • Alcohol dependence • Alcoholism • Allergic reaction caused by drug CCT	Not Indicated Coumadin is not indicated for Stress ulcer prophylaxis. VIEW IF INDICATED OR NOT INDICATED	Drugs for indication: • ALTEPLASE • ANISINDIONE • ANISTREPLASE • APIXABAN • APSAC • ARDEPARIN • Abbokinase • Activase • Allospasmin
	Coumadin Pulmonary embolism Indication Information Indicated Coumadin is indicated for Pulmonary embolism.	Arixtra BEMIPARIN Calciparine Carfin Cathflo Clexane Contractubex Coumadin DABIGATRAN DALTEPARIN DANAPAROID
\prec		DESIRUDIN DEXTRAN DICUMAROL Durakinase

Information courtesy of UMLS National Drug File - Reference Technology (Veterans Health Administration). Refer to Bulletpoint's drug monographs for additional information.