



# bulletpoint **TUTORIAL**



# The Searchbar

Q Search for drug, disease, lab, etc

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

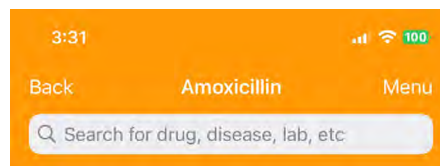
## Try searching by either:

- 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 topics related to the current page.

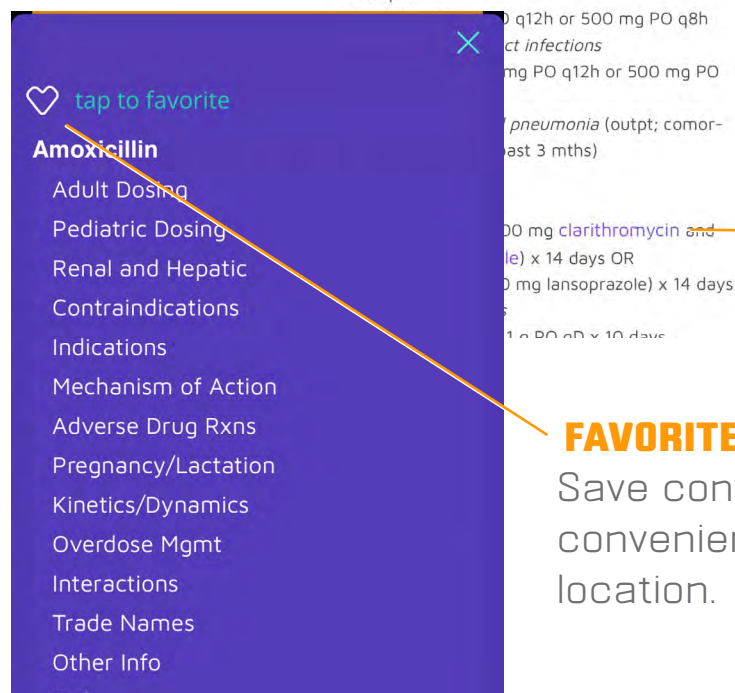
## Amoxicillin

### 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

### QUICKLINKS

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



### MEDICAL & DOSING CALCULATORS

Blue links can be clicked to open the specific calculator.

### FAVORITES

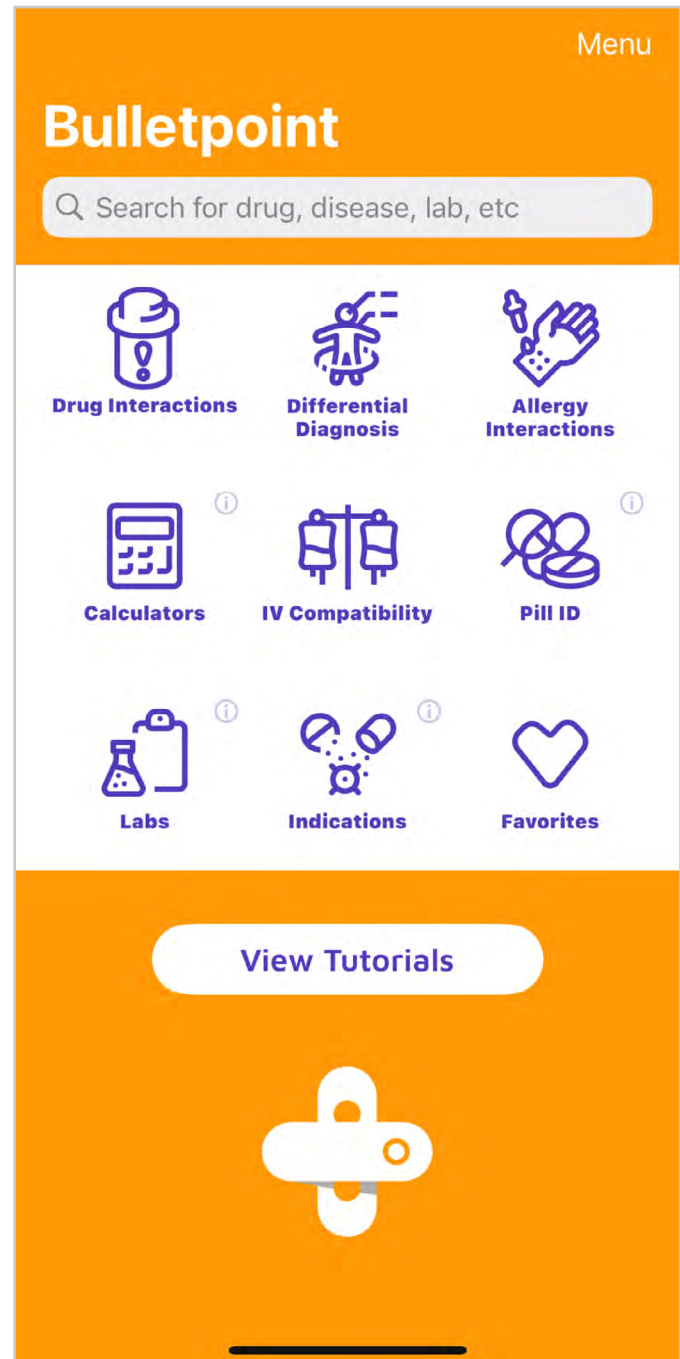
Save content in one convenient to access location.

# Tools

From the suite homepage or the drop-down navigation, select a specific tool to navigate to it.

## Try switching between a few of the available tools:

- **Drug Interactions** Drug Interactions Checker
- **Differential Diagnosis** DDX
- **Allergy Checker** Drug-Allergy Checker
- **Calculators** Medical & Dosing Calculators
- **IV Comp** IV Compatibility Tool
- **Pill ID** Pill identifier & Pill Images
- **Labs** Laboratory Manual Reference
- **Indiations** Indications & contraindications
- **Favorites** Find your list of favorited items



# 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 interactions, monitor closely
Minor	Potential non-serious interactions
Non-Significant	No or negligible interactions

## Try it!

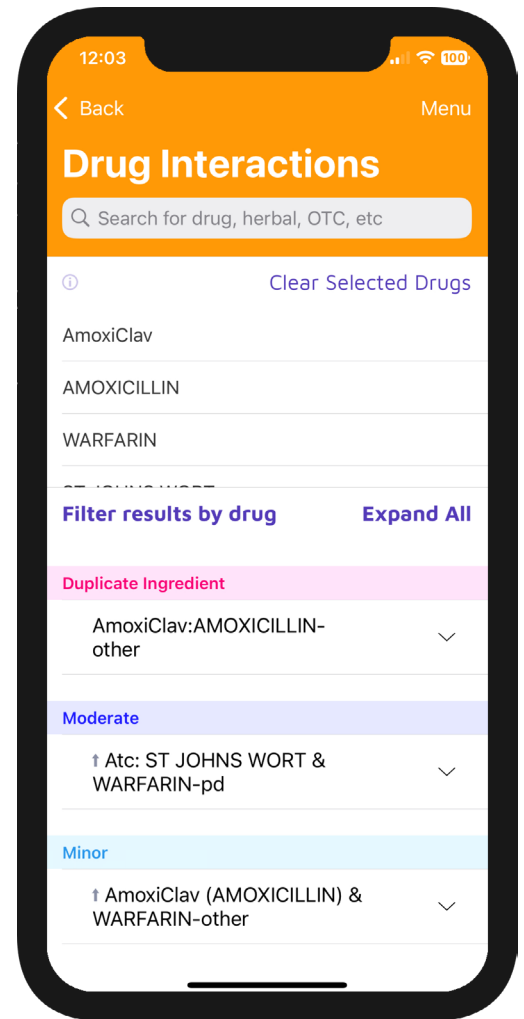
- Type the first few letters of a drug, herbal, over-the-counter medication, or food in the searchbar. Select your choice from the list.
- Each selection will be added to the list below the searchbar.
- Interaction results will automatically populate below in the **results** section. After clicking the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

## Understanding Interaction Severity

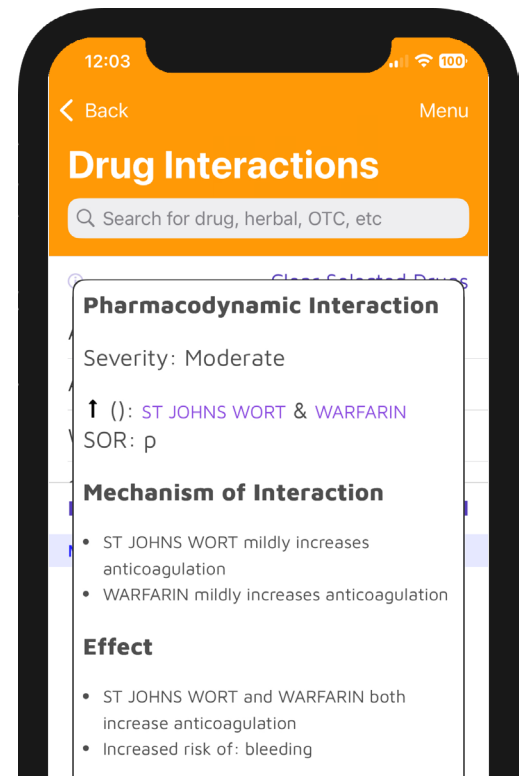
Interactions are shown with colored warnings that are listed in order of decreasing severity.

**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**.



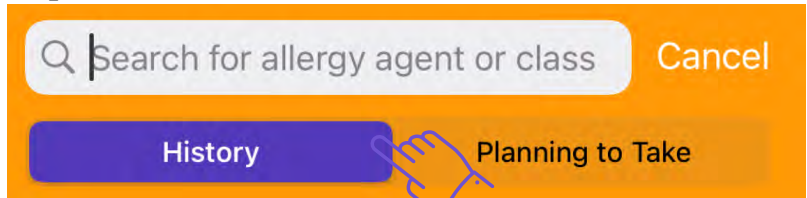
## MORE DETAILS



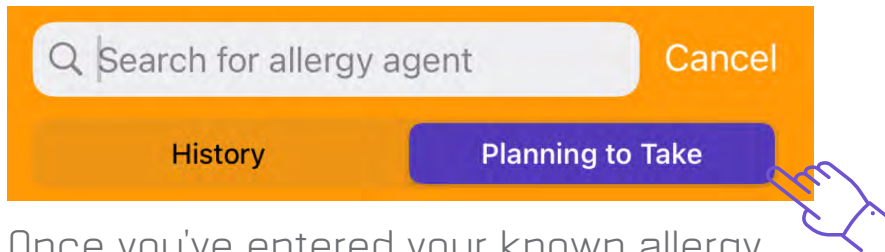
# Drug Allergy Checker

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

## Try it!

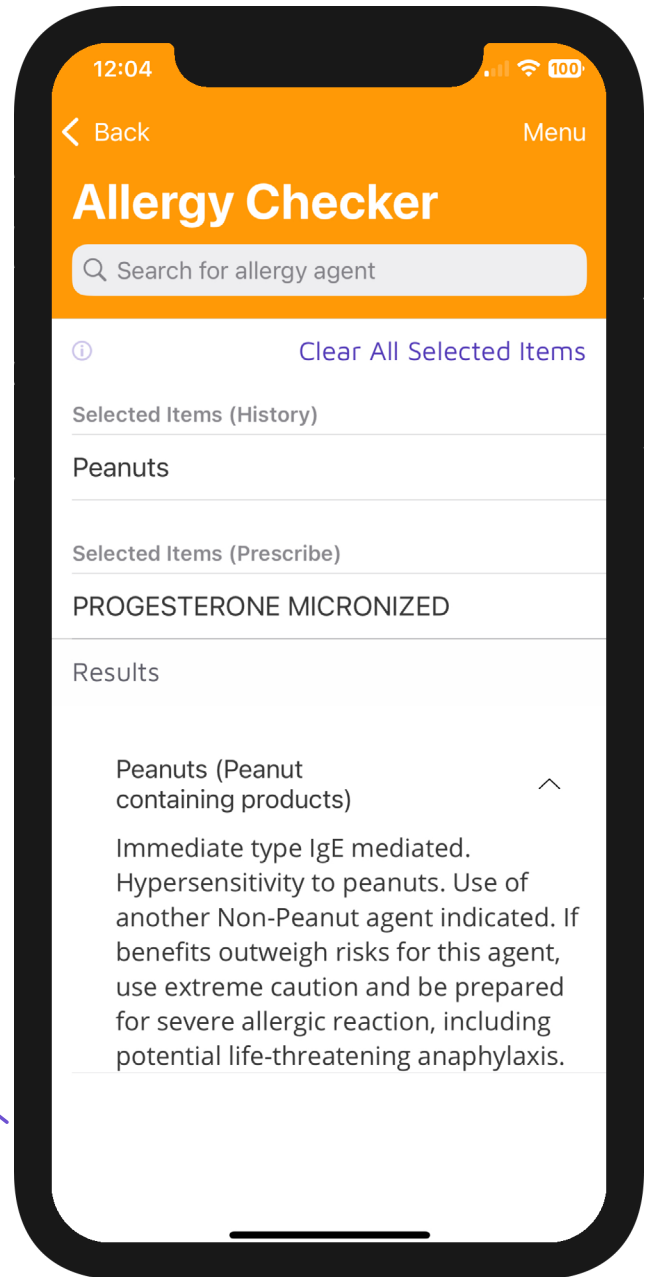


Tap the **searchbar** and enter the first few letters of the known allergy (class or agent history) and make a selection from the list that populates below it as you type. Repeat for all known allergies. Notice how on **iPhone** the tab below the seachbar is set to history by default and can be toggled.



Once you've entered your known allergy 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

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  $\leq 0.08$

**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

D. Patient's sex ("r" value)

- 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. Biomedical

## 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).

## ONE CLICK TO CONTENT

Select a result with blue text to go directly to the related Bulletpoint content

## SECTIONED BY SEVERITY



Clear Selected Items

Abdominal pain	chronic, sharp
Headache	not specified
Results Filter Results	
High Likelihood	
Diverticular Disease	▼
Drugs, Chloramphenicol	▼
Drugs, Herbals, Valerian	▼
Paraesophageal Hiatal Hernia	^
Matching Symptoms:	
Abdominal pain: chronic; Abdominal pain: sharp	
Tumor Stomach	▼
Medium Likelihood	
Abscess, Brain	▼
Low Likelihood	
Abscess, Abdominal	▼
Abscess, Epidural	▼

## CLEAR RESULTS

You may also delete individual items by swiping left on them.

## FILTER RESULTS

You may filter your search results further by age, etiology, gender, onset and/or severity

## TAP TO VIEW EXPANDED INFORMATION

# 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 down-facing 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.

## EXAMPLE

9 | 3

7285

Ex: **9;3;7285**  
or **7285;9;3**

### Pill Identifier

Imprint	<input type="text" value="223"/>
Score	all
Shape	round
Color(s)	any color any color
<a href="#">Hide Search Criteria</a> <a href="#">Clear All</a>	



**CILOSTAZOL**  
**Shape:** ROUND  
**Color:** WHITE  
**Generic:** CILOSTAZOL  
**Score:** 1  
**Size:** 9  
**Imprint:** E223



**TAP TO VIEW RESULTS!**

## 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.

WARFARIN

**Solution Compatibility**


**WARFARIN**

**Compatible**  
Dextrose 5% in Ringer's injection, lactated  
Dextrose 5% in sodium chloride 0.45 or 0.9%  
Dextrose 5 or 10% in water


**Incompatible**  
Ringer's injection

**Variable**  
Ringer's injection, lactated  
Sodium chloride 0.9%

**ADDITIVE  
SYRINGE  
Y-SITE**



**COMMENTS**



**SOLUTION  
COMPATIBILITY**

PROPOFOL

**LIDOCAINE**

Additive: Unknown  
Syringe: See Comments  
Y-Site: Compatible

S-Compatible (Propofol 1%, Lidocaine 5 mg and 10 mg) Physically compatible for 24 hr. (Propofol 1%, 20 ml; Lidocaine 10 mg) Physically compatible for 6 hr. S-Incompatible (Propofol 1%, Lidocaine 20 mg and 40 mg) Physically incompatible. Increased fat droplet size and layering in 3 hr. (Propofol 1 %, 20 ml; Lidocaine 30 mg and 50 mg) Increased fat droplet size.

**Solution Compatibility**

**PROPOFOL**

**Compatible**  
Dextrose 5% in Ringer's injection, lactated  
Dextrose 5% in sodium chloride 0.2 or 0.45%  
Dextrose 5% in water  
Ringer's injection, lactated

**LIDOCAINE**

**Compatible**

**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.

<div>Selected Drug/Indication <a href="#">Clear</a></div> <div>Coumadin</div> <div>Indication Information</div> <div><b>Indications for drug:</b></div> <ul style="list-style-type: none"><li><a href="#">Atrial fibrillation</a></li><li><a href="#">Cerebrovascular accident</a></li><li><a href="#">Coronary artery thrombosis</a></li><li><a href="#">Myocardial infarction</a></li><li><a href="#">Postoperative complication</a></li><li><a href="#">Pulmonary embolism</a></li><li><a href="#">Thromboembolic disorder</a></li><li><a href="#">Thrombophlebitis</a></li><li><a href="#">Transient ischemic attack</a></li><li><a href="#">Venous thrombosis</a></li></ul> <div><b>Contraindications for drug:</b></div> <ul style="list-style-type: none"><li><a href="#">Alcohol dependence</a></li><li><a href="#">Alcoholism</a></li><li><a href="#">Allergic reaction caused by drug</a></li><li><a href="#">Allergy to drug</a></li><li><a href="#">Aneurysm</a></li><li><a href="#">Ascorbic acid deficiency</a></li><li><a href="#">Bacterial endocarditis</a></li><li><a href="#">Bleeding</a></li><li><a href="#">Cerebral hemorrhage</a></li><li><a href="#">Deficiency of macronutrients</a></li><li><a href="#">Disorder of liver</a></li></ul>	<div>Selected Drug/Indication <a href="#">Clear</a></div> <div>Coumadin</div> <div><a href="#">Stress ulcer prophylaxis</a></div> <div>Indication Information</div> <div><b>Not Indicated</b></div> <div>Coumadin is not indicated for <a href="#">Stress ulcer prophylaxis</a>.</div> <div><b>VIEW IF INDICATED OR NOT INDICATED</b></div> <div>Coumadin</div> <div><a href="#">Pulmonary embolism</a></div> <div>Indication Information</div> <div><b>Indicated</b></div> <div>Coumadin is indicated for <a href="#">Pulmonary embolism</a>.</div>	<div>Selected Drug/Indication <a href="#">Clear</a></div> <div></div> <div><a href="#">Pulmonary embolism</a></div> <div>Indication Information</div> <div><b>Drugs for indication:</b></div> <ul style="list-style-type: none"><li><a href="#">ALTEPLASE</a></li><li><a href="#">ANISINDIONE</a></li><li><a href="#">ANISTREPLASE</a></li><li><a href="#">APIXABAN</a></li><li><a href="#">APSAC</a></li><li><a href="#">ARDEPARIN</a></li><li><a href="#">Abbokinase</a></li><li><a href="#">Activase</a></li><li><a href="#">Allospasmin</a></li><li><a href="#">Arixtra</a></li><li><a href="#">BEMIPARIN</a></li><li><a href="#">Calciparine</a></li><li><a href="#">Carfin</a></li><li><a href="#">Cathflo</a></li><li><a href="#">Clexane</a></li><li><a href="#">Contractubex</a></li><li><a href="#">Coumadin</a></li><li><a href="#">DABIGATRAN</a></li><li><a href="#">DALTEPARIN</a></li><li><a href="#">DANAPAROID</a></li><li><a href="#">DESIRUDIN</a></li><li><a href="#">DEXTRAN</a></li><li><a href="#">DICUMAROL</a></li><li><a href="#">Durakinase</a></li></ul>
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Information courtesy of UMLS National Drug File - Reference Technology (Veterans Health Administration). Refer to Bulletpoint's drug monographs for additional information.

Source: UMLS NDF-RT