

Wave Medical Online Tutorial

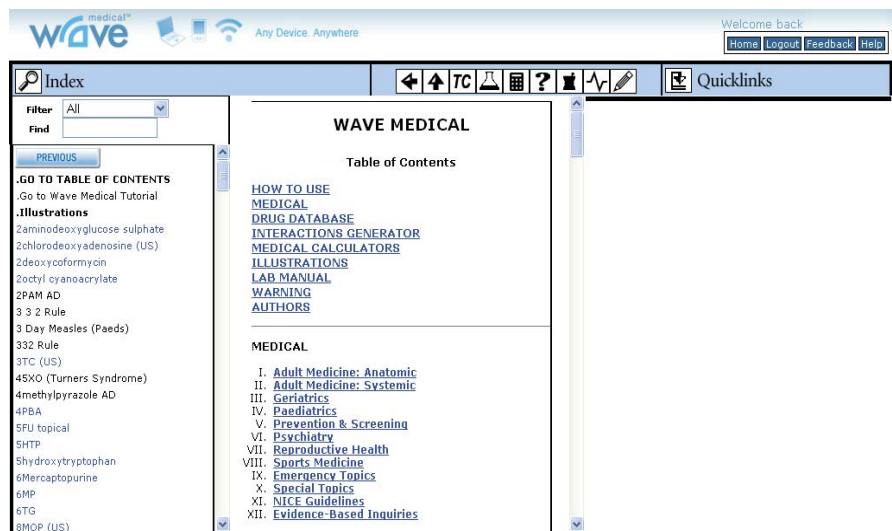
This tutorial will teach you how to utilize every aspect of Wave Medical Online and is organized by the main navigation menu which is located at the top of the screen. Please also see our quiz section, which will prepare you to quickly and efficiently navigate through your Wave Medical Online application.

Table of Contents

The Table of Contents **TC** icon allows you to see all that is offered on your Wave Medical application. The **TC** link is found throughout the application.



Topics found in the **TC** Table of Contents include:

- How to Use
- Medical
- Drug Database
- Interactions Generator
- Medical Calculators
- Illustrations
- Lab Manual
- Warning
- Authors





Click "Medical" to view all materials made specifically for your Wave Medical application.


Index


The  Index allows you to go to the Wave Medical Table of Contents, Tutorial, Illustrations section or do a Topic Search. One advantage with Wave Medical Online is that there is more information viewed at one time. The Index is always present in the left column. Once a topic is selected in the Index, it is displayed in the middle column. Any related subtopics will appear in the  Quicklinks Menu in the right hand column.



To Use:


1. In  Index column to the left, type in the letters of the topic you want to search, like **Vtach**, for example.
2. Click Vtach in the listing menu. The Ventricular Tachycardia (Vtach) page will appear in the center column.

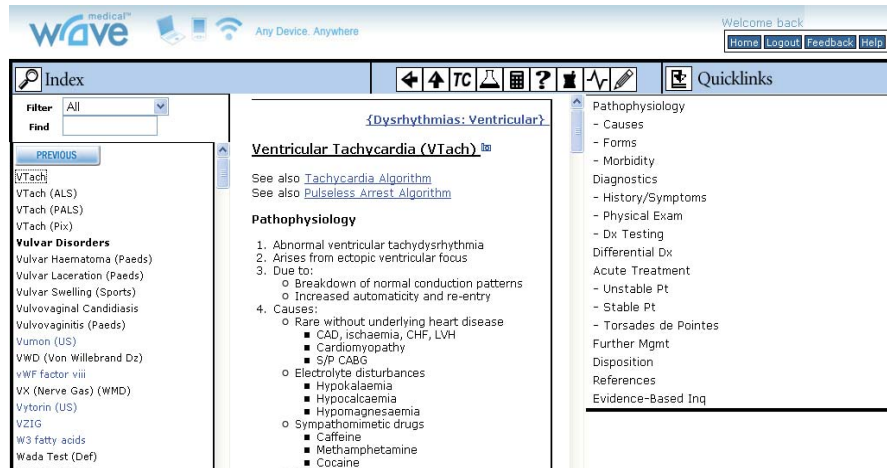
3. The  Quicklinks Menu will appear in the right hand column. You will be able to view related topics including Diagnosis and Pathophysiology.

4. From the Vtach page in the center, you can click on the  Camera to view Monomorphic and Polymorphic rates, which will appear in the right column.
5. On the Vtach page, use the right scroll bar to scroll down. Click vagal manoeuvres to view more details. You will see these glossary links throughout the application.

Click the  Back icon to return.

6. Continue to scroll down the Vtach page and you will come across relevant calculators. You can click on the QT int to view the QT Interval Correction equation, or you can click the  Medical Calculator next to the QT int link to actually use the calculator. Click the  Back icon to return.

7. Continue to scroll down the Vtach page, and click on the Amiodarone link. From the Quicklinks Menu, you can view Dosing, Kinetics, Overdose Management, etc. If you use the scroll bar on the right hand side, you can view all topics. Scroll down and click on any of the  IV Drip Rates to use the calculator.




The screenshot shows the Wave Medical website interface. At the top, there is a navigation bar with the Wave Medical logo, a search icon, and a 'Welcome back' message. Below the navigation bar is a toolbar with various icons for navigation and search. The main content area is divided into three columns. The left column is the 'Index' section, which includes a search filter and a list of topics. The middle column displays the 'Ventricular Tachycardia (VTach)' page, which includes a pathophysiology section with a list of causes and a list of related topics. The right column is the 'Quicklinks' menu, which lists various related topics such as Pathophysiology, Causes, Forms, Morbidity, Diagnostics, History/Symptoms, Physical Exam, Dx Testing, Differential Dx, Acute Treatment, Unstable Pt, Stable Pt, Torsades de Pointes, Further Mgmt, Disposition, References, and Evidence-Based Inq.

Notes:

The fastest way to find any topic:

- Type in first few letters in the Index
- Click entry to select from alphabetical keywords list
- Use scrollbar to navigate complete list
- Alphabetical index is colorized for distinction between keywords
- Drug topics are blue
- Tables of contents are bolded
- Chapter headings are bolded and capitalized


Back

The  Back icon takes you to the previous screen. The Back icon can always be found in the navigation bar. If you tap on a link to view a subtopic, you can use the Back icon to return to the same place on the previous screen.

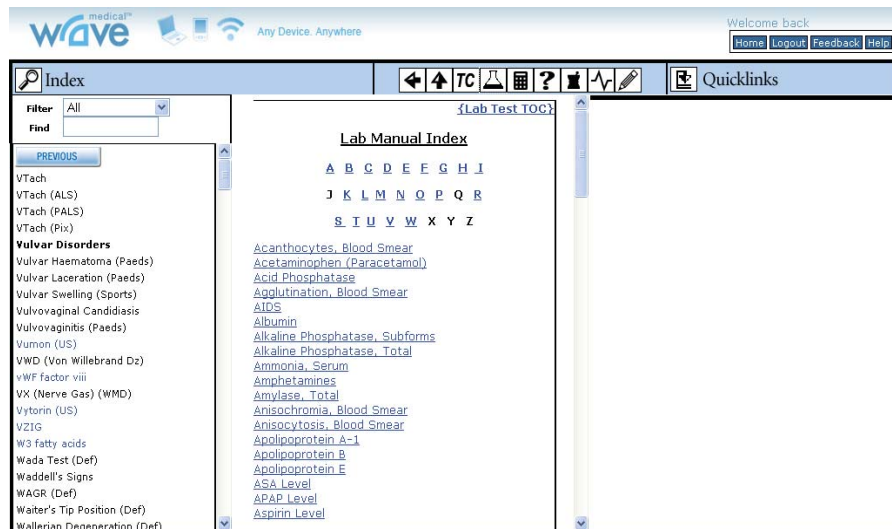
Top

If you have scrolled down the page on any topic, the  Top icon will direct you to the top of the page.

Lab Manual


The  Lab Manual icon provides critical values and normal ranges for common lab tests listed alphabetically. The **{Lab Test TOC}** link takes you to a thematic arrangement of Lab Manuals.

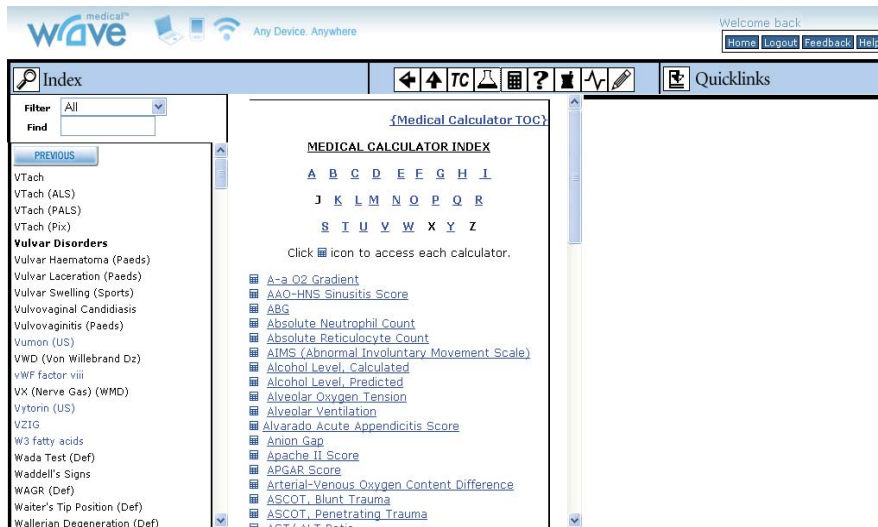
- Provides critical values and normal ranges for common lab tests
- Lists conditions and meds associated with atypical levels of measured factors





The screenshot displays the WAVE medical app interface. At the top, there is a header with the WAVE logo, a tagline "Any Device. Anywhere.", and a "Welcome back" message with links for "Home", "Logout", "Feedback", and "Help". Below the header is a navigation bar with icons for "Index", "TC", a calculator, a question mark, a list, a graph, and "Quicklinks". The main content area is titled "Index" and features a search filter set to "All" and a "Find" input field. A "PREVIOUS" button is visible above a list of medical conditions including VTach, Vulvar Disorders, and various blood tests. The central part of the screen shows the "Lab Manual Index" with alphabetical links from A to Z. The "A" section is expanded, listing tests such as Acanthocytes, Blood Smear, Acetaminophen (Paracetamol), Acid Phosphatase, Agglutination, Blood Smear, AIDS, Albumin, Alkaline Phosphatase, Subforms, Alkaline Phosphatase, Total, Ammonia, Serum, Amphetamines, Amylase, Total, Anisochromia, Blood Smear, Anisocytosis, Blood Smear, Apolipoprotein A-1, Apolipoprotein B, Apolipoprotein E, ASA Level, APAP Level, and Aspirin Level.

Medical Calculators

The  Medical Calculators icon allows you to view the alphabetically organized medical calculator index and links you to the medical calculator table of contents. The **{Medical Calculator TOC}** link located in the top right corner of the middle screen, links you to a thematic arrangement of calculators.

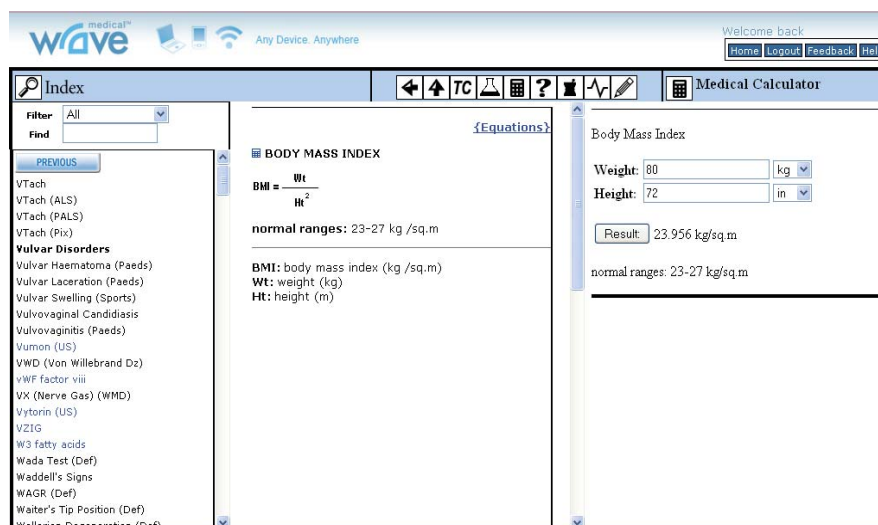


To Use:


1. Click the  Medical Calculator icon in the navigation bar.
2. In the center column, click on the first letter of the desired calculator.
3. Click on the  Medical Calculator to the left of the desired Medical Calculator. The calculator will appear in the right column (see image below).
4. Input data using your keyboard in spaces provided.
5. Click the Results button to view the answer.

Example:

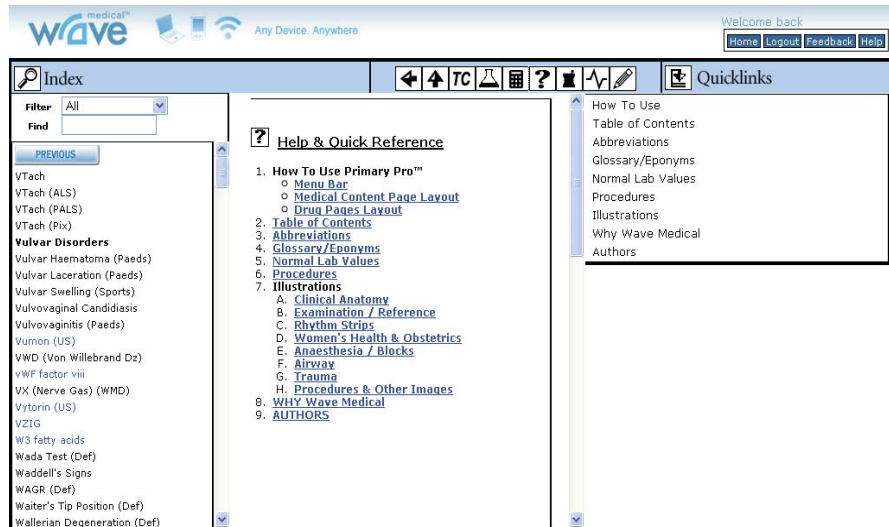
Calculate the Body Mass Index of a 72" female weighing 80 kgs. Result: 23.956 kg/sq.m. It also tells you that the normal range is 23-27 kg/sq.m.



Quick Reference

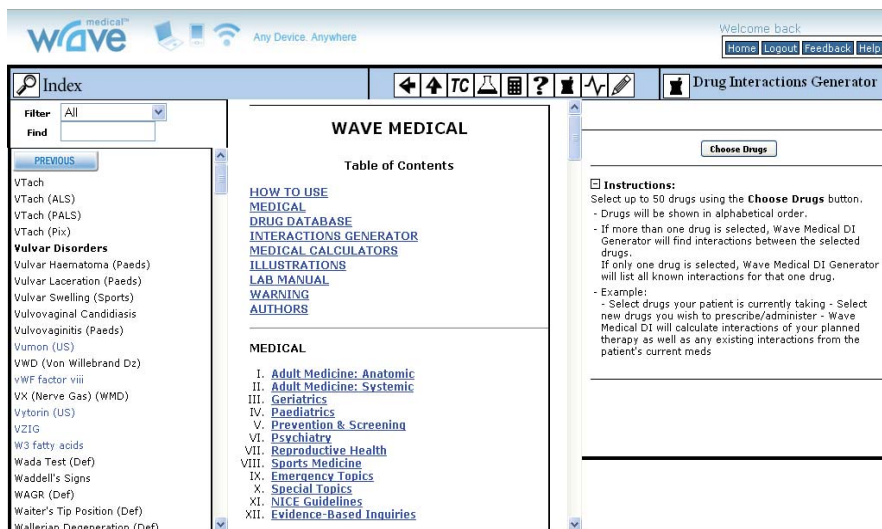
The Quick Reference icon is the best way to view abbreviations list, glossary, procedures, illustrations, etc. With the  Quick Reference you can view a thematic listing of the following topics:

1. How To Use
2. Table of Contents
3. Abbreviations
4. Glossary/Eponyms
5. Normal Lab Values
6. Procedures
7. Illustrations
8. Why Wave Medical
9. Authors




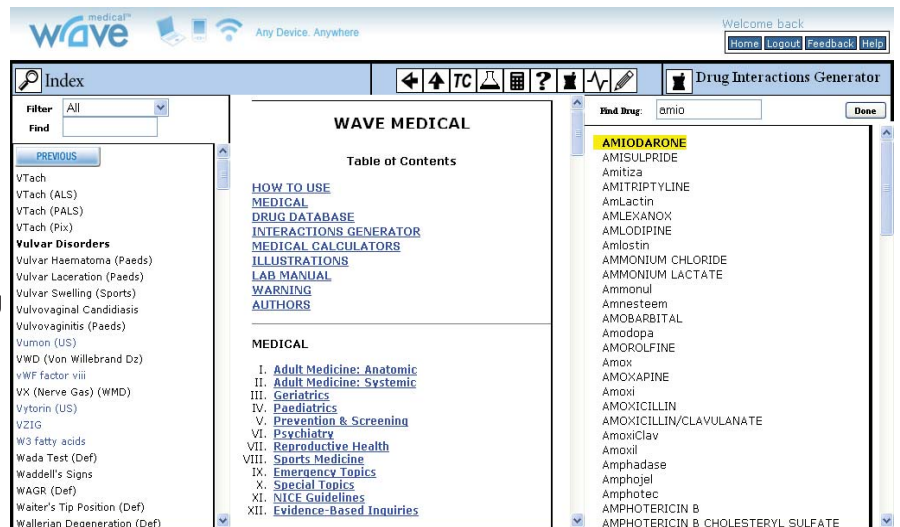
Drug Interactions Generator

The Drug Interactions Generator icon allows you to select up to 50 different drugs, herbals or foods and cross reference their interactions. The Drug Interactions Generator will appear in the right column.



To Use:

1. Click on the  Drug Interaction Generator in the navigation bar.
2. In the right column, click the Select Drugs button.
3. Use your keyboard to enter first three letters of drug.
4. Click individual selections up to 50 drugs, herbals or foods.
5. Click the Done button after all selections are made. If you need to remove any of the selections, click the box in front of the drug.
6. Click the Interactions button. The Drug Interactions Generator checks interactions between each subject drug and all of the other drugs you have selected. Non-subject drugs are not compared against each other.



Notes:


- Numbers represent severity of interaction: 1 = low, 5 = high
- Interactions are listed by decreasing severity
- When there are multiple interactions between two drugs, the strongest in severity will be in **bold**
- Other interactions of same group listed in regular type
- ↑ Indicates drug level or effect of the following drug will be increased
- ↓ Indicates drug level or effect of the following drug will be decreased
- ↑ ↓ Indicates drug level or effect of the following drug will be either increased or decreased
- ATC: anticoagulation
- Click any underlined text for more information


Example:

Cross reference the following drugs: Amiodarone, Biaxin, Coumadin, and Ginger. Wave Medical found seven drug interactions. Click on interaction to view details. Three results are listed below:

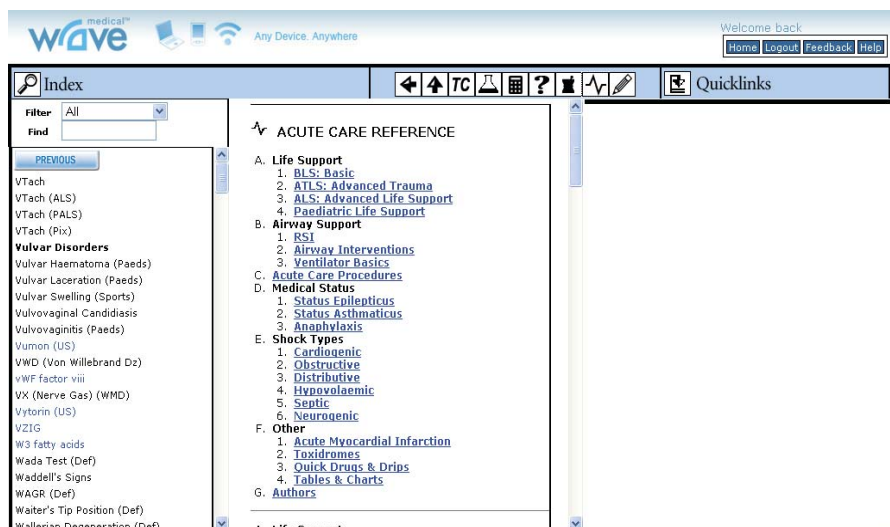
- 5- ↑ QT:Amiodarone, Biaxin-Both increases QT's, never use combination
- 3- ↑ Amiodarone, Coumadin-Amiodarone increases levels and effects of Coumadin. Possible serious or life-threatening interaction
- 3- ↑ Coumadin, Ginger-Both are anticoagulants-Potential danger

Acute Care Reference

The  Acute Care reference icon provides links to immediate lifesaving protocols: BLS, ACLS, ATLS, PALS, RSI, procedures, algorithms, quick drugs and drips, etc. The **{TOC}** Table of Contents Link located top right, links you to a broader range of topics.

With the  Acute Care reference tool, you can select topics from a thematic listing as shown below:



1. Life Support
2. Airway Support
3. Acute Care Procedures
4. Medical Status
5. Shock Types
6. Other
7. Authors

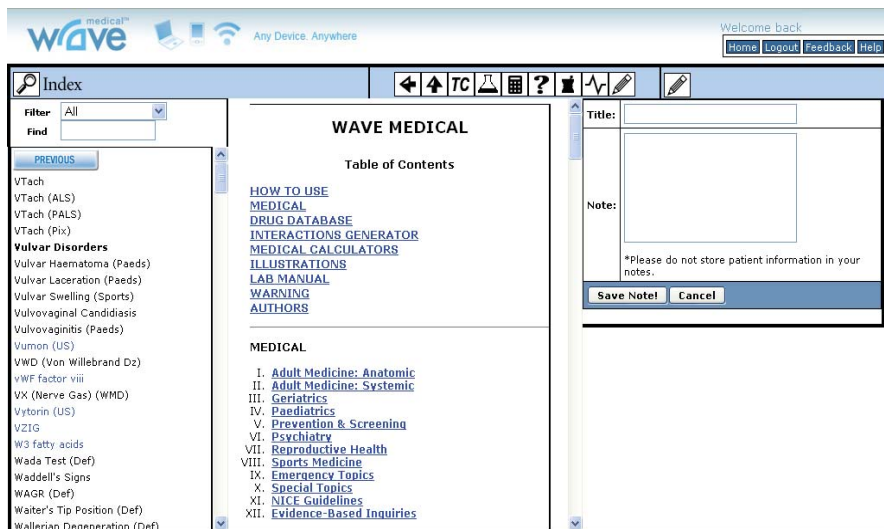


Notes

The Notes icon allows you to create, edit, and delete notes. Once a note is created, anytime a subject that has a note is searched for, there will be an alert in the Quicklinks menu in the right column.

To Use:

1. From the  Acute Care Reference, under Shock Types, select Cardiological Shock.
2. Click the  Notes icon to add a note.
3. In the right column, click on Add New Note.
4. Enter a title in the space provided.
5. Type in the note in the space provided.
6. Click the Save Note button.



The next time you search for the Cardiological Shock topic, there will be a line in the right column that reads, "You have personal notes for this page. Click here to view them."

Quicklinks Menu

The Quicklinks Menu brings up any subtopics in the right hand column. If you click on any of the subtopics in the Quicklinks Menu it will bring you to that subject in the middle column. The Quicklinks Menu will appear only when subtopics are available.

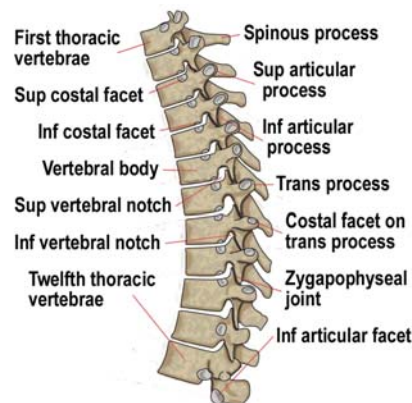
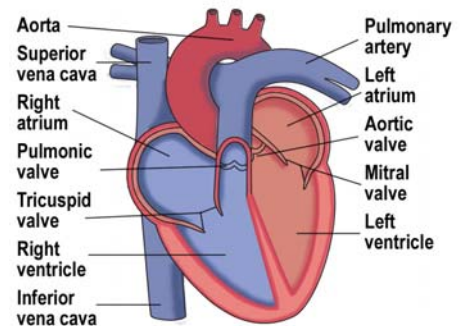
The  Quicklinks Menu allows you to:

- Access subtopic navigation menu when applicable
- Display Quicklink menu in the right column
- Select from list to link directly to subtopic

Other Links



The Camera Icon takes you to all related Images, including original high-resolution color Illustrations and Rhythm Strips. Images are selected on the basis of their immediate and direct clinical relevance. For professionals, our enhanced rhythm strips are near-diagnostic quality; and the illustrations are useful for a variety of clinical situations including patient education. Students find these resources handy in study and classroom, as well as clinical settings.



The IV Drip Rate icon takes you to all available related IV Drip Rate Calculators.

{Rel. Topic} The Related Topic link takes you to broader topics related to the current page.

[Tx] The Treatment link allows you to view related treatments.



The Evidence Based link allows you to view all Clinical Inquiries by FPIN, Family Physicians' Inquiries Network.TM This is an exclusive feature to Wave Medical applications.