Welcome

Searching for Drug Information in Micromedex

Peggy Edwards, AMLS
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Lubbock, Texas 79430
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Mouse over Databases

Click MICROMEDEX
Begin entering drug name and select correct name
Warfarin Sodium
Intravenous, Oral

DRUG CLASSES: Anticoagulant, Blood Modifier Agent, Coumarin (class)

Select detailed document
Drug Monograph

OVERVIEW

DOSING INFORMATION
Drug Properties
Storage and Stability
Adult Dosage
Pediatric Dosage

PHARMACOKINETICS
Onset and Duration
Drug Concentration Levels
ADME

CAUTIONS
Black Box Warning
Contraindications
Precautions
Adverse Reactions
Teratogenicity/Effects in Pregnancy/Breastfeeding
Drug Interactions

CLINICAL APPLICATIONS
Monitoring Parameters
Patient Instructions
Place in Therapy
Mechanism of Action / Pharmacology
Therapeutic Uses
Comparative Efficacy / Evaluation With Other Therapies

REFERENCES

WARFARIN

1) Class
   a) This drug is a member of the following Anticoagulant

2) Dosing Information
   a) Warfarin Sodium
      1) Adult
         a) In general, the recommended target INR is 2.5 (range, 2 to 3), according to the American College of Chest Physicians guidelines [1]; an INR greater than 4 does not provide greater efficacy in most patients and increases the risk of bleeding [2]
         1) Atrial fibrillation - Thromboembolic disorder
            a) Initial, 2 to 5 mg ORALLY/IV once a day; adjust dose based on the results of INR; usual maintenance, 2 to 10 mg ORALLY/IV once a day [8]
         2) Atrial fibrillation - Thromboembolic disorder; Prophylaxis
            a) Initial, 2 to 5 mg ORALLY/IV once a day; adjust dose based on the results of INR; usual maintenance, 2 to 10 mg ORALLY/IV once a day [8]
         3) Myocardial reinfarction; Prophylaxis
            a) Initial, 2 to 5 mg ORALLY/IV once a day; adjust dose based on the results of INR; usual maintenance, 2 to 10 mg ORALLY/IV once a day [8]
         4) Percutaneous transluminal coronary angioplasty
            a) Initial, 2 to 5 mg ORALLY/IV once a day; adjust dose based on the results of INR; usual maintenance, 2 to 10 mg ORALLY/IV once a day [8]
         5) Prosthetic cardiac valve component embolism
            a) Initial, 2 to 5 mg ORALLY/IV once a day; adjust dose based on the results of INR; usual maintenance, 2 to 10 mg ORALLY/IV once a day [8]
Special Tools:

* Drug Interactions
* IV Compatibility
* Drug Identification
* Toxicology Lookup
* Drug Comparison
* Drug Calculators
* CareNotes
Drug Interactions

Type the drug name (brand or generic) in the search field. Select the drug and click the (Add) button.

Enter search term:

Matching drug names: (4323)

A & D
A & D Jr.
A & D Ointment
A Thru Zinc
A To Z
A+D
A+D First Aid Ointment
A-200 Pyrinate
A-25
A-3 Revised
A-4 Revised
A-42 Revised
A-C-D Modified Bracco

Drugs to check:

Capitalized item with asterisk (*) indicates allergy.

Add Allergies

Clear Submit
Enter aspirin

Click

Click to highlight
Enter the next drug

Aspirin appears in the search box

Click to highlight

Click
Drug Interactions

Type the drug name (brand or generic) in the search field. Select the drug and click the (Add) button.

Enter search term:

Matching drug names: (3)

Warfarin
Warfarin Sod
Warfarin Sodium

Drugs to check:

Aspirin
Warfarin

Capitalized item with asterisk (*) indicates allergy.

Click Submit
Interactions table includes:

- **Drug-Drug Interactions (1)**
  - **Drugs:** ASPRIN – WARFARIN SODIUM
  - **Severity:** Major
  - **Documentation:** Fair
  - **Summary:** Concurrent use of SELECTED ANTICOAGULANTS and SELECTED ANTIPLATELET AGENTS may result in increased risk of bleeding.

- **Drug-ALLERGY Interactions (None found)**

- **Drug-FOOD Interactions (6)**
  - **Drugs:**
    - WARFARIN SODIUM
      - **Severity:** Major
      - **Documentation:** Good
      - **Summary:** Concurrent use of WARFARIN and POMEGRANATE may result in increased warfarin plasma concentrations and increased risk of bleeding.
    - WARFARIN SODIUM
      - **Severity:** Major
      - **Documentation:** Good
      - **Summary:** Concurrent use of WARFARIN and CRANBERRY JUICE may result in an increased risk of bleeding.
    - WARFARIN SODIUM
      - **Severity:** Moderate
      - **Documentation:** Good
      - **Summary:** Concurrent use of WARFARIN and NONI JUICE may result in risk of acquiring warfarin resistance.
    - WARFARIN SODIUM
      - **Severity:** Moderate
      - **Documentation:** Good
      - **Summary:** Concurrent use of WARFARIN and HIGH-PROTEIN DIET may result in reduced warfarin anticoagulant effectiveness.
    - WARFARIN SODIUM
      - **Severity:** Moderate
      - **Documentation:** Excellent
      - **Summary:** Concurrent use of WARFARIN and VITAMIN K FOODBORNE may result in altered anticoagulant effectiveness.
    - WARFARIN SODIUM
      - **Severity:** Moderate
      - **Documentation:** Good
      - **Summary:** Concurrent use of WARFARIN and ENTERAL NUTRITION may result in decreased PTT/INR response to warfarin and development of warfarin resistance.
### Drug-ETHANOL Interactions (2)

<table>
<thead>
<tr>
<th>Drugs</th>
<th>Severity</th>
<th>Documentation</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPIRIN</td>
<td>Moderate</td>
<td>Good</td>
<td>Concurrent use of ETHANOL and ASPIRIN may result in increased gastrointestinal bleeding.</td>
</tr>
<tr>
<td>WARFARIN SODIUM</td>
<td>Moderate</td>
<td>Fair</td>
<td>Concurrent use of ETHANOL and WARFARIN may result in increased or decreased international normalized ratio (INR) or prothrombin time.</td>
</tr>
</tbody>
</table>

### Drug-LAB Interactions (3)

<table>
<thead>
<tr>
<th>Drugs</th>
<th>Severity</th>
<th>Documentation</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPIRIN</td>
<td>Minor</td>
<td>Good</td>
<td>ASPIRIN may result in false increase in acetylsalicylic acid levels due to ascorbic acid assay interference.</td>
</tr>
<tr>
<td>ASPIRIN</td>
<td>Minor</td>
<td>Good</td>
<td>NONSTEROIDAL ANTIINFLAMMATORY AGENTS may result in falsely elevated hemocrit tests due to NSAID-induced gastrointestinal bleeding.</td>
</tr>
<tr>
<td>ASPIRIN</td>
<td>Minor</td>
<td>Fair</td>
<td>ASPIRIN may result in falsely increased glucose measurements due to assay interference.</td>
</tr>
</tbody>
</table>

### Drug-TOBACCO Interactions (1)

<table>
<thead>
<tr>
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<th>Documentation</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARFARIN SODIUM</td>
<td>Major</td>
<td>Fair</td>
<td>Concurrent use of CYP1A2 SUBSTRATES and TOBACCO may result in decreased exposure of CYP1A2 substrates.</td>
</tr>
</tbody>
</table>

### Drug-PREGNANCY Interactions (2)

<table>
<thead>
<tr>
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<th>Severity</th>
<th>Documentation</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARFARIN SODIUM</td>
<td>Contraindicated</td>
<td>Unknown</td>
<td>Warfarin is rated as US FDA Category X. Studies, adequate well-controlled or observational, in animals or pregnant women have demonstrated positive evidence of fetal abnormalities. The use of the product is contraindicated in women who are or may become pregnant.</td>
</tr>
<tr>
<td>ASPIRIN</td>
<td>Major</td>
<td>Unknown</td>
<td>Aspirin is rated as US FDA Category D. Studies, adequate well-controlled or observational, in pregnant women have demonstrated a risk to the fetus. However, the benefits of therapy may outweigh the potential risk.</td>
</tr>
</tbody>
</table>

### Drug-LACTATION Interactions (2)

<table>
<thead>
<tr>
<th>Drugs</th>
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<th>Documentation</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPIRIN</td>
<td>Major</td>
<td>Unknown</td>
<td>According to the American Academy of Pediatrics, Aspirin should be given with caution during breast-feeding.</td>
</tr>
<tr>
<td>WARFARIN SODIUM</td>
<td>Minor</td>
<td>Unknown</td>
<td>According to the American Academy of Pediatrics, Warfarin is compatible with breast-feeding.</td>
</tr>
</tbody>
</table>

### Definitions

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<thead>
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</tr>
</tbody>
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Select Drug ID
Search by imprint

Search by description
Select Calculators
Select CareNotes®
MYOCARDIAL INFARCTION - Discharge Care

Myocardial Infarction

WHAT YOU SHOULD KNOW:
A myocardial infarction (MI) is a heart attack. A heart attack happens when the blood vessels that supply blood to your heart (coronary arteries) are blocked. This can damage your heart. It can lead to an abnormal heart rhythm, heart failure, or may become life-threatening.

AFTER YOU LEAVE:
Medicines: You may need any of the following:
- Heart medicines help decrease blood pressure, control your heart rate, and help your heart function better.
- Nitroglycerin opens the arteries to your heart, increases oxygen levels, and can decrease chest pain. You may get your nitroglycerin as a pill, a patch, or a paste. Ask your primary healthcare provider (PHP) or cardiologist how to safely take this medicine.
- Aspirin helps prevent clots from forming and causing blood flow problems. If caregivers want you to take aspirin daily, do not take acetaminophen or ibuprofen instead. Do not take more or less aspirin than caregivers say to take. If you are on another blood thinner medicine, ask your PHP or cardiologist before you take aspirin for any reason.
- Blood thinners help prevent blood clots from forming. Clots can cause strokes, heart attacks, and death. Blood thinners make it more likely for you to bleed or bruise. If you are taking a blood thinner:
  - Watch for bleeding from your gums or nose. Watch for blood in your urine and bowel movements. Use a soft washcloth and a soft toothbrush. This can keep your skin and gums from bleeding. If you shave, use an electric shaver.
  - Be aware of what medicines you take. Many medicines cannot be used when taking medicine to thin your blood. Tell your dentist and other caregivers that you take blood-thinning medicine. Wear or carry medical alert information that says you are taking this medicine.
  - Take this medicine exactly as your PHP tells you. Tell him right away if you forget to take the medicine, or if you take too much. You may need to have regular blood tests while on this medicine. Your PHP uses these tests to decide how much medicine is right for you.
  - Talk to your PHP about your diet. This medicine works best when you eat about the same amount of vitamin K every day. Vitamin K is found in green leafy vegetables and other foods, such as cooked peas and kiwi fruit.
The End