

Southern Illinois Regional EMS System

JJ-4 ASPIRIN (ACETYLSALICYLIC ACID)

Class:

- Analgesic.
- Anti-inflammatory.
- Antipyretic.
- Antiplatelet.

Description:

- Aspirin decreases inflammation, blocks pain impulses in the central nervous system, dilates peripheral vessels, and decreases platelet aggregation. The use of aspirin is strongly recommended for all patients with acute myocardial infarction.

Onset and Duration:

- Onset 15 – 30 minutes.
- Duration 4 – 6 hours.

Indications:

- Prevention of platelet aggregation in ischemia and thromboembolism.
- Unstable angina.
- Prevention of myocardial infarction or reinfarction.

Contraindication:

- Hypersensitivity to salicylates.
- Gastrointestinal bleeding.
- Active ulcer disease.
- Hemorrhagic stroke.
- Bleeding disorders.
- Children

Adverse Reactions:

- Stomach irritation.
- Heartburn or indigestion.
- Nausea or vomiting.
- Allergic reaction.

Drug Interaction:

- Decreased effects with antacids and steroids.
- Increased effects with anticoagulants, insulin, oral hypoglycemics, fibrinolytic agents.

How Supplied:

- Tablets (81mg chewable)

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JJ-3 ASPIRIN (ACETYLSALICYLIC ACID) (continued)

Dosage and Administration:

- Adult:
 - Myocardial infarction:
 - 324mg PO chewed:
 - $81\text{mg} \times 4 = 324\text{mg}$
 - Goal is 324mg within 4 hours
 - If the patient had less than 324mg in the last 4 hours:
 - Administer up to 324mg total

Special Considerations:

- Pregnancy Category D.
- Should be given as soon as possible to the patient with acute myocardial infarction.