

# Aspirin

## Formulary

Douglas County Kansas EMS System

March 2021

**Approved Provider:** EMT, AEMT, Paramedic

**Reference Protocols:** [Chest Pain](#)

Dosing and Administration	
<u>ADULT Medications:</u> <ul style="list-style-type: none"><li>• 324mg P.O. chewed</li></ul>	<u>PEDIATRIC Medications:</u> <ul style="list-style-type: none"><li>• Not Recommended</li></ul>

### **Pharmacology and Actions:**

- Aspirin has been proven to reduce mortality and re-infarction rates in myocardial infarction by altering platelet function and prolonging bleeding time. This is not an anticoagulant and does not affect the clotting cascade.

### **Indications:**

- Use in patients with chest pain considered to be of cardiac ischemic origin

### **Contraindications:**

- Patients with known allergies to aspirin or nonsteroidal anti-inflammatory drugs. (e.g. ibuprofen, ketoprofen, naprosyn, or relafan)
- Patients with a history of asthma with nasal polyps

### **Precautions:**

- When taken with nitroglycerin, aspirin may result in unexpected hypotension
- May exacerbate bronchospasms in asthmatics

### **Administration:**

- If patient has taken ASA prior to EMS arrival, supplement to 324mg max dose.
- Oral (PO); chewed or swallowed

### **Side Effects:**

- Bleeding/hemorrhage
- Gastric Ulcers