

Aspirin

Indications: STEMI, suspected ACS

Contraindications: Allergy, known ulcer & GI bleeding

Concentration: 1 tablet = 81 mg

ADULT DOSING

Indication	Dose	Rate & Route	Note
STEMI or ACS	324 mg 4 tablets	PO	

ADULT DOSING

PEDIATRIC DOSING

Indication	Dose	Rate & Route	Note
NONE			

PEDIATRIC DOSING

Precautions

On blood thinners.

Pregnancy Category D: There is positive evidence of human fetal risk, but the benefits from use in pregnant women may be acceptable despite the risk (e.g., if the drug is needed in a life-threatening situation or for a serious disease for which safer drugs cannot be used or are ineffective).

Adverse/Side Effects

N/V, diarrhea, heartburn, GI bleeding

Class

Analgesic, Antipyretic, NSAID, platelet inhibitor

Mechanism of Action

Inhibits the formation of prostaglandins associated with pain, fever, and inflammation. Inhibits platelet aggregation by acetylating cyclooxygenase permanently disabling it so that it cannot synthesize prostaglandins and Thromboxanes. Since Thromboxane A2 is important in clotting its absence does not allow blood to clot effectively.

Onset of Action

< 1 hour (non-coated)

Peak Effect

1 – 2 hours (non-coated)

Duration of Action

4 to 6 hours