

Professional EMS Education Medication Profiles

Aspirin (Acetylsalicylic acid)	
Classification	-Non steroidal anti-inflammatory; antipyretic
Action	-Decreases synthesis of thromboxanes -Inhibits platelet aggregation -Acts on hypothalamus to vasodilate peripheral vasculature -Inhibition of cyclo-oxygenase which results in decrease of prostaglandins
Indications	-Chest pain of suspected ACS origin
Contraindications	-Hypersensitivity -Active bleeding ulcer -Hemorrhagic stroke
Side effects	-Tinnitus -N/V -GI bleed
Precautions	-Allergies to other NSAID's -Patients with bleeding disorders -Children with symptoms of varicella (chickenpox)
Adult Dose	-ACS: 160-325 mg
Pediatric Dose	
Route	PO
How supplied	-81 mg chewable children's tablets -325 mg tablets
Onset / Duration	-5-30 minutes / 1-4 hours
Half Life	-15-20 minutes
Interaction	-Anticoagulants – increases risk of bleeding