

ASPIRIN

Trade Name	Aspirin dispersible (Ethics)
Class	Non Steroidal Anti- inflammatory Drug (NSAID) Anti-platelet agent Antipyretic agent
Mechanism of Action	Inhibits prostaglandin synthesis, prevents formation of platelet aggregating substance thromboxane A2, acts on the temperature regulatory centre in the hypothalamus to reduce fever.
Indications	Indication 1: Thrombosis prophylaxis in some infants after cardiac surgery Indication 2: Thrombosis prophylaxis in some infants after a cerebral infarction
Contraindications	Due to risk of Reye's syndrome use of aspirin in children under 12 years of age is contraindicated except for use in the two indications above or Kawasaki disease. Use with caution in patients with asthma.
Supplied As	300mg soluble tablets
Dilution	Dissolve ONE 300mg tablet in 30mL of water to give a 10mg/mL solution
Dosage	1 - 5mg/kg/day Dosing will be dictated by Paediatric Cardiology and Neurology depending on the clinical situation
Interval	Once a day
Administration	Oral, give with a feed
Compatible With	Do not mix with other medications
Incompatible With	Do not mix with other medications
Interactions	Avoid concomitant use with other NSAIDs eg: indomethacin Aspirin may enhance the effect of phenytoin and sodium valproate. Increased risk of gastric bleeding/ulceration if used in combination with glucocorticoids eg: dexamethasone, hydrocortisone Aspirin may antagonise the effect of frusemide and spironolactone
Monitoring	Monitor for signs of gastric irritation, reflux , bleeding

