

Aminophylline

Preparation: Aminophylline 250 mg in 10 mls
(i.e. 2 ml contains 50 mg Aminophylline)

Indication Acute severe asthma/C.O.A.D not responding
to inhaled bronchodilators

CAUTION: **if already on oral Theophylline containing preparation
omit loading dose.**

Dose: **Loading** dose: 5 mgs/kg

Infusion dose: 0.5 mg/Kg/hr (check dose in children)

Preparation aminophylline 250/mg in a 10 ml vial

Loading Dose:

Add aminophylline to 100 ml of 0.9% saline
and infuse at 300ml/hr (ie over 20 mins)

WEIGHT	LOADING DOSE
50 kg	250 mgs (10ml of drug)
60 kg	300 mgs (12 ml of drug)
70 kg	350 mgs (14 ml of drug)
80 kg	400 mgs (16 ml of drug)
90 kg	450 mgs (18 ml of drug)
100 kg	500 mgs (20 ml of drug)

Infusion Dose: Add 500 mg aminophylline to 500 mls saline (1 mg/ml).
Commence infusion via IMED pump at required rate.

WEIGHT	PUMP RATE
40 kg	20 ml/hr
50 kg	25 ml/hr
60 kg	30 ml/hr
70 kg	35 ml/hr
80 kg	40 ml/hr
90 kg	45 ml/hr
100 kg	50 ml/hr