

Theophylline/Aminophylline Drip Protocol

400mg of Theophylline = 500mg of Aminophylline

Dosing is based on Aminophylline, therefore 400mg of Theophylline in 500ml is treated as a 1mg/ml drip

Aminophylline mixed in 0.9% NaCl is stable for 24 hours

Theophylline is available as a premix and its expiration will be labeled on the bag.

Dosing: (Bronchospasm)

(Doses are based on Aminophylline, NOT Theophylline)

Drips are 1mg/ml, so mg/kg/hr = ml/kg/hr.

Loading dose (Only load if patient is not taking Theophylline): 6mg/kg over 20-30 minutes

Maintenance Dose:

For 12 Hours following bolus

6 months - 9 years	1.2mg/kg/hr
9-16 years	1mg/kg/hr
Young adult smoker	1mg/kg/hr
Nonsmoking adult	0.7mg/kg/hr
Elderly	0.6mg/kg/hr
Cor Pulmonale Pt.	0.3mg/kg/hr
CHF or Liver Failure	0.6mg/kg/hr
	0.5mg/kg/hr

Maintenance dose after 12 hours

6 months - 9 years	1mg/kg/hr
9-16 years	0.8mg/kg/hr
Young adult smoker	0.8mg/kg/hr
Nonsmoking adult	0.5mg/kg/hr
Elderly	0.3mg/kg/hr
Cor Pulmonale Pt.	0.3mg/kg/hr
CHF or Liver Failure	0.1-0.2mg/kg/hr