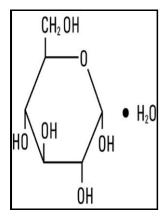
# Are current pediatric dose recommendations for intravenous theophylline appropriate?

National Library of Canada - Using pharmacokinetic modelling to improve prescribing practices of intravenous aminophylline in childhood asthma exacerbations



Description: -

-Are current pediatric dose recommendations for intravenous theophylline appropriate?

Canadian theses = Thèses canadiennesAre current pediatric dose recommendations for intravenous theophylline appropriate? Notes: Thesis (M.Sc.)--University of Toronto, 1993. This edition was published in 1993



Filesize: 46.1010 MB

Tags: #Theophylline #(Oral #Route) #Proper #Use

#### Aminophylline Dosage In Asthma Exacerbations in Children: A Systematic Review

Before any drug studies are carried out, the optimal method of collecting illness severity scores in childhood asthma must be determined and implemented nationally. Further dose adjustments may be needed due to concomitant drug therapy; review drug interactions. A proposed mechanism is competitive binding of aminophylline to adenosine receptors in the brain.

#### Theophylline in 5% Dextrose (theophylline) dose, indications, adverse effects, interactions... from sdk.mavlink.io

In theory, coadministration of anagrelide with substrates of CYP1A2, including theophylline, could lead to increases in the serum concentrations of theophylline and thus, adverse effects.

## Optimizing the Dosing of Intravenous Theophylline in Acute Severe Asthma in Children

Moderate Caffèine is a CNS stimulant. Symptom resolution was reported in seven studies comparing aminophylline to placebo. Caffèine; Ergotamine: Major Caffèine is a CNS stimulant.

### Are current pediatric dose recommendations for intravenous theophylline appropriate?

Adults and children: Each 0.

## Theophylline Dosage Guide + Max Dose, Adjustments

Diazepam: Moderate Aminophylline has been reported to counteract the pharmacodynamic effects of diazepam.

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