



ชมรมโรคระบบหายใจและเวชบำบัดวิกฤตในเด็กแห่งประเทศไทย

ร่วมกับ ยูโรดรัก ลาบอราทอรีส์

Role of Theophyllines in control of Asthma

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หัวหน้าหน่วยโรคภูมิแพ้

สถาบันสุขภาพเด็กแห่งชาติมหาราชินี

Role of Theophylline

- **The role of theophylline in the long term treatment of childhood asthma is limited, but its low cost may justify more frequent use in some countries**
- **Concomitant intake of food may change the absorption**

Role of Theophylline

- **Sustained-release theophylline may be used as an alternative to inhaled steroids for maintenance therapy in mild persistent asthma**
- **Add on therapy with a low dose inhaled steroids**

School children

- Theophylline is significantly more effective than placebo at controlling symptoms and improving lung function, even at doses below the normally recommended therapeutic range (Evidence A)
- **Single-dose 15 mg/kg of sustained-release theophylline taken before bedtime is effective at preventing nocturnal symptoms**

School children

- **Prevent exercise-induced asthma in long-term maintenance treatment**
- **Theophylline + oral beta 2-agonists seem to have an additive effect on control of asthma**