



ชมรมโรคระบบหายใจและเวชบำบัดวิกฤตในเด็กแห่งประเทศไทย

ร่วมกับ ยูโรดรัก ลาบอราทอรีส์

# Role of Theophyllines in control of Asthma

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สถาบันสุขภาพเด็กแห่งชาติมหาราชินี

# Role of Theophylline

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- **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

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- **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

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- 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

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