

Asmaphylline®

Brand of theophylline, USP

Anti-asthmatic / Bronchodilator

DESCRIPTION: *Asmaphylline*®, brand of theophylline, is the most potent and effective bronchial muscle relaxant of all the Xanthine alkaloids.

ACTIONS: *Asmaphylline*® directly relaxes the smooth muscles of the bronchial airways and pulmonary blood vessels to relieve bronchospasm and increase flow rates and vital capacity. It is readily absorbed from the GI tract following oral administration. At least 60% of theophylline may be bound to plasma proteins. It is metabolized in the liver and excreted in the urine with about 10% excreted unchanged.

INDICATIONS: *Asmaphylline*® is indicated for the relief and/or prevention of symptoms of asthma and reversible bronchospasm associated with chronic bronchitis and emphysema.

CONTRAINDICATIONS: *Asmaphylline*® is contraindicated in patients with known hypersensitivity to theophylline.

WARNINGS: Excessive doses of theophylline may be expected to be toxic. Periodic serum theophylline levels is recommended to assure maximal benefit without excessive risk. Incidence of toxicity increases at levels greater than 20 mcg/ml. Avoid concomitant use with other sympathomimetic bronchodilators since toxic synergism may occur.

PRECAUTIONS: *Asmaphylline*® should be used with caution in elderly patients and in those suffering from cardiac or liver disease. Care should be exercised while use in patients with a history of peptic ulceration.

ADVERSE REACTIONS: The most commonly encountered side effects, usually due to overdose, are gastrointestinal irritation i.e. nausea, vomiting, dyspepsia, anorexia and diarrhea and central nervous system stimulation i.e. dizziness, vertigo, headache, nervousness and insomnia. Other side effects include: palpitations, tachycardia, flushing, tachypnea and urticaria.

DOSAGE & ADMINISTRATION:

INDICATION	ORAL DOSE	
	ADULTS	CHILDREN
*Acute, reversible bronchospasm	Initially, 6 mg/kg, followed by 3mg/kg every 8 hrs.	* (6 mo. to 9 yrs): 6 mg/kg to start with followed by 4 mg/kg every 6 hrs. * (9 yrs. to 16 yrs): 6 mg/kg to start with, followed by 3 mg/kg every 6 hrs.
*Chronic, reversible bronchospasm	Initially, 16 mg/kg/day in 3 - 4 divided doses every 6 - 8 hrs, followed, if tolerated, by 25% increments at 2 - 3 days intervals up to a maximum dosage of: Age 6 mo. -9 yrs. - 24 mg/kg/day Age 9 - 12 yrs. - 20 mg/kg/day Age 12 - 16 yrs. - 18 mg/kg/day Age > 16 yrs. - 13 mg/kg/day or 900 mg/day whichever is less	

* Dose must be individualized. Do not attempt to maintain any dose that is not tolerated.

AVAILABILITY:

Elixir: Bottles of 250 ml - Each 5 ml (teaspoonful) contains: Theophylline (as monohydrate) 25 mg, Excipient q.s.5ml.
Reg. N^o. Lebanon: 26512

This is a medicament

- A medicament is a product which affects your health, and its consumption contrary to instructions is dangerous for you.
- Follow strictly the doctor's prescription, the method of use and the instructions of the pharmacist who sold the medicament.
- The doctor and the pharmacist are experts in medicine, its benefits and risks.
- Do not by yourself interrupt the period of treatment prescribed for you.
- Do not repeat the same prescription without consulting your doctor.

Keep medicaments out of reach of children

Pharmaline -Lebanon

Council of Arab Health Ministers
Union of Arab Pharmacists