

# Doxoma

Doxophylline INN 200mg & 400mg Tablet & 100mg/5ml Syrup

**Composition : Doxoma-200:** Each Film Coated Tablet Contains Doxophylline INN 200mg.

**Doxoma-400:** Each Film Coated Tablet Contains Doxophylline INN 400mg.

**Doxoma-Syrup:** Each 5 ml Syrup Contains Doxophylline INN 100mg.

**Description :** Doxophylline is a new creation long lasting oral methylxanthine extract. Methylxanthines are from the family of phosphodiesterase inhibitors. Correspondingly, its system of activity is associated to the reticence of phosphodiesterase action, initiating in bronchodilating actions. It has a bronchodilator effect which reduces rate of breathlessness in patients suffering from asthma. It helps relax the muscles in the bronchi and bronchioles thus causing dilatation of the air passages and helping patients to breath easily.

**Indications :** Doxoma is mostly administered for maintenance treatment in subjects experiencing COPD (Chronic Obstructive Pulmonary Disease) and bronchial asthma, Doxophylline is not designed for use as an emergency treatment during an asthma attack.

**Dosage and administration : Tablet : Adults :** 400mg tablet 1 to 3 times a day as the prescription of a physician. Dosage of Doxophylline depends on patient's response to the medication. If a patient has been advised to dose once a day, he or she may be directed to do so in the evenings to reduce nocturnal symptoms. **Elderly :** The dosage may be decreased according to medical prescription in the very elderly patients with concomitant cardiovascular, hepatic, renal and gastric disease, to 200mg tablet b.i.d/ t.i.d.

**Children (above six years of age):** 6mg/kg twice daily.

**Syrup : Children>12 years :** 1 measuring cup x 10ml, 2 or 3 times daily.

**Children<12 years :** 6 mg/kg twice daily. In case of unsatisfactory response it can be increased up to 9 mg/kg twice daily under medical supervision.

Dosage	Weight of the child						
	10 kg	15 kg	20 kg	25 kg	30 kg	35 kg	40 kg
6 mg/kg b.i.d	3 ml	4.5 ml	6 ml	7.5 ml	9 ml	10.5 ml	12 ml
Total daily dose	6 ml	9 ml	12 ml	15 ml	18 ml	21 ml	24 ml

**Elderly :** 1 measuring cup x 10 ml, 2 or 3 times daily. Or, as directed by the registered physician.

**Contraindication :** Doxophylline is contraindicated for individuals who have shown hypersensitivity to Doxophylline and its components. It is also contraindicated in patients with acute myocardial infarction, hypertension and in lactating women.

**Precaution :** Use with caution in patients with hypoxemia, hyperthyroidism, liver disease, renal disease, in those with history of peptic ulcer and in elderly. Frequently, patients with Congestive Heart Failure (CHF) have markedly prolonged drug serum levels following discontinuation of Doxophylline.

**Side effects :** After xanthine administration, nausea, vomiting, epigastric pain, cephalgia, irritability, insomnia, tachycardia, extrasystole, tachynea, and occasionally, hyperglycemia and albuminuria may occur. If a potential oral overdose is established. The patient may present with severe arrhythmias and seizure; these symptoms could be the first sign of intoxication. Adverse reactions may cause the withdrawal from treatment, a lower dose rechallenge may start only after the advice of a physician.

**Pregnancy and lactation :** Pregnancy category B. Doxophylline should be given to pregnant women only if already needed.

**Use in Child :** The safety & Effectiveness of this medicine in Children with less than 12 years of age have been established. Patient's using less than 12 years of age should be strongly recommended to seek medical advice.

**Drug Interactions :** Doxophylline should not be administered together with other xanthine derivatives. Toxic synergism with ephedrine has been documented for xanthenes. Like other xanthenes, concomitant therapy with erythromycin, troleandomycin, lincomycin, clindamycin, allopurinol, cimetidine, ranitidine, propranolol and anti-flu vaccine may decrease the hepatic clearance of xanthenes causing an increase in blood levels. No evidence of a relationship between Doxophylline serum concentrations and toxic events has been reported.

**Overdose :** Although no major arrhythmias have been documented with Doxophylline, the occurrence of major cardiac rhythm disturbances cannot be excluded in case of overdosage of xanthine compounds. If a potential oral overdose is established, the patient may present with seizures; this symptom could be the first sign of intoxication. Adverse reactions may cause withdrawal from treatment.

**Storage :** Store below 30°C in a dry place.

**Packing : Doxoma-200:** Each box contains 5 x 10's tablets in blister pack.

**Doxoma-400:** Each box contains 3 x 10's tablets in blister pack.

**Doxoma-Syrup:** Each bottle contains 100 ml syrup and a measuring cup.

Manufactured by



**DRUG INTERNATIONAL LTD.**

Tongi, Gazipur, Bangladesh