

KOFAREST - C

Composition

Each 5 ml of KOFAREST-C Syrup contains:

Codeine Phosphate	10 mg
Chlorpheniramine Maleate	4 mg
Menthol	1.5mg

Pharmacology

Codeine phosphate is used as an antitussive for suppression of cough induced by chemical or mechanical respiratory tract irritation.

Codeine is a centrally acting cough suppressant i.e. it increases the threshold of the cough centre in the brain to the incoming stimuli of cough. It also has analgesic action. Codeine and its salts are absorbed from the gastrointestinal tract. Peak plasma concentrations are achieved in an hour. It is metabolized in liver by demethylation and excreted entirely by kidney as conjugates with glucuronic acid.

Side effects are infrequent at the usual antitussive dose. The risk of dependence on codeine is low with normal use. In therapeutic doses codeine is much less liable to produce adverse effects, although constipation may be troublesome only with long-term use.

Chlorpheniramine Maleate is one of the most widely used antihistamine / antiallergic for symptomatic treatment of cough. It is potent, fast acting antiallergic with established safety profile. It is rapidly and extensively absorbed. Faster clearance and shorter half life has been reported in children.

Menthol is a cooling and soothing agent.

Indications

KOFAREST-C can be used for symptomatic relief from dry cough, smokers cough and allergic cough.

Contraindications

The use of KOFAREST-C is contraindicated in first trimester of pregnancy and in cough associated with asthma, hypersensitivity to the drug.

Precautions

Administer with caution. Reduce the initial dose in patients with acute abdominal conditions, convulsive disorders, hepatic or renal impairment etc.

Drug abuse and dependence: The abuse potential is less. Most patients who receive opiates for medical indications do not develop drug-seeking behavior. Psychological dependence, physical dependence and tolerance may occur.

Drug Interactions

Use codeine cautiously with (CNS depressants) other opiates, general anesthetics, antidepressants, tranquilizers, alcohol, antivirals and histamine H₂ antagonists.

Adverse Reactions

In usual oral antitussive doses, codeine has minimal side-effects.

<u>Allergic</u>	:	occur infrequently to opiates
<u>Cardiovascular</u>	:	palpitation
<u>CNS</u>	:	CNS depression, particularly respiratory

depression and to a lesser extent circulatory depression may occur

<u>GI</u>	:	Nausea ,vomiting ,constipation
<u>GU</u>	:	Urinary retention , anti diuretic effect.

Dosage & Administration

To be taken undiluted 4 times a day.

Adults: 5 ml (teaspoonful) 4 times daily
Children above 6 years: 2.5 ml (1/2 teaspoonful) 4 times daily
Children 2-6 years: 1.25 ml (1/4 teaspoonful) 4 times daily

Presentation

KOFAREST-C is available in a bottle of 100 ml