

Calcium Carbonate (from Coral source) USP & Vitamin D USP

Composition

Coralex™ : Each film-coated tablet contains Calcium Carbonate (from Coral source) USP 1250 mg equivalent to 500 mg of elemental Calcium and Vitamin D USP 200 IU.

Coralex™ DX : Each film-coated tablet contains Calcium Carbonate (from Coral source) USP 1500 mg equivalent to 600 mg of elemental Calcium and Vitamin D USP 400 IU.

Pharmacology

Adequate Calcium in the blood is so vital to a wide variety of bodily functions that our internal biochemistry will not tolerate a deficiency even for short periods. Clinical evidence suggests that Calcium is useful for the prevention and treatment of Osteoporosis and associated fractures. Vitamin D is also essential for healthy bones as it aids in Calcium absorption from the GI tract. In addition to this it stimulates bone formation. Clinical studies also show that Calcium and vitamin D has synergistic effects on bone growth as well as in Osteoporosis and fracture prevention.

Indications

Calcium and Vitamin D is used for the treatment of:

- Osteoporosis
- Osteomalacia
- Rickets
- Tetany
- Parathyroid disease etc.

Dosage & Administration

Route of Administration : Oral.

One tablet in the morning and one tablet at night.

OR AS DIRECTED BY THE PHYSICIAN.

Contraindications

- Hypercalcemia and hyperparathyroidism
- Hypercalciuria and nephrolithiasis
- Hypersensitivity to the component of this preparation
- Severe renal insufficiencies
- Concomitant digoxin therapy (requires careful monitoring of serum calcium level)

Warning & Precautions

When hypercalcemia occurs, discontinuation of the drug. Patients with a history of stone formation should also be recommended to increase their fluid intake.

Side Effects

Common Side Effects : Orally administered Calcium Carbonate may be irritating to the GI tract. It may also cause constipation. Hypercalcemia is rarely produced by administration of Calcium alone, but may occur when large doses are given to patients with chronic renal failure. Also there may be allergic reactions, irregular heartbeats, nausea, vomiting, decreased appetite dry mouth and drowsiness. Following administration of Vitamin D Supplements occasion skin rash has been reported.

Rare Side Effects : Kidney stone, hypercalcemia, alkalosis, loss of appetite

Use in Pregnancy & Lactation

It should be used as directed by the physician during Pregnancy and Lactation.

Use in Children and Adolescents

Use of Calcium Carbonate in children and infants with chronic renal failure is both safe and effective.

Drug Interaction

With Medicine : It has possible interaction with digoxin, antacids containing calcium, aluminum or magnesium, other calcium supplements, calcitriol, tetracycline, doxycycline, aminocycline or oxytetracycline etc. So while taking **Coralex™ DX** with any of these drugs consultations of the physicians is needed.

With food & others: The intestinal uptake of Calcium may be reduced by concomitant ingestion of certain foods (E.g. Spinach, Milk, and milk products).

Overdose

Symptoms of over dose may include nausea and vomiting, severe drowsiness, dry mouth, loss of appetite, metallic taste, stomach cramps, unconsciousness, diarrhea, weakness, headache, constipation, dizziness or irritability.

Storage

Store below 30° C & dry place, protected from light.

Keep all medicines out of reach of children.

Packing

Coralex™ : Each box contains 5x10 tablets in Alu-PVDC (white opaque) blister.

Coralex™ DX : Each box contains 3x10 tablets in Alu-PVDC (white opaque) blister.

* Further information is available on request.



Manufactured by:

The ACME Laboratories Ltd.
Dhulivita, Dhamrai, Dhaka, Bangladesh

For Health, Vigour and Happiness

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