

Reefcal-D & DX

Calcium (From Coral Fossil) & Vitamin D₃

Presentation

Reefcal-D Tablet: Each film coated tablet contains Calcium Carbonate (derived from coral fossil) BP 1250mg equivalent to Elemental Calcium 500 mg & Cholecalciferol (Vitamin D₃) USP 200 IU.

Reefcal-DX Tablet: Each film coated tablet contains Calcium Carbonate (derived from coral fossil) BP 1500 mg equivalent to Elemental Calcium 600 mg & Cholecalciferol (Vitamin D₃) USP 400 IU.

Pharmacology

Vitamin D increases the intestinal absorption of calcium.

Administration of calcium and vitamin D₃ (Cholecalciferol) counteracts the increase of parathyroid hormone (PTH), which is caused by calcium deficiency and which causes increased bone resorption.

Indications

Reefcal-D & DX are indicated in

- the treatment and prevention of osteoporosis, rickets, osteomalacia, tetany and parathyroid disease
- pregnancy & lactation due to increased demand
- as phosphate binder in chronic renal failure
- during therapy with anti-seizure medications
- the prevention & treatment of calcium or vitamin D₃ deficiency specially in the housebound and institutional elderly patients

Dosage & Administration

2 tablets per day, preferably one tablet in the morning and the other in the evening with plenty of water or as directed by the physician.

Contraindications

Hypersensitivity to any component of the product. Hypercalcaemia for example, as a result of hyperparathyroidism, vitamin D₃ overdose, severe renal insufficiency etc.

Side effects

The most common side effects may include flatulence, nausea, gastric pain, diarrhea, skin rash etc. Hypercalciuria and hypercalcaemia may be occurred with long term treatment at high dosage.

Warning & Precautions

Careful monitoring with reduction of dose may be needed for patients with mild hypercalciuria. In case of mild to moderate renal impairment and for long term use plasma and serum calcium level should be monitored. Urinary calcium excretion should also be measured in patients with a history of renal stones to exclude hypercalciuria.

Use in special groups

Use in pregnancy & lactation: Normal requirements of calcium & vitamin D₃ are raised during pregnancy & lactation. This medication can be given to pregnant women and lactating mother as per the recommendation of physician.

Drug interactions

The risk of hypercalcaemia should be considered in patients taking thiazide diuretics since these drugs can reduce urinary calcium excretion. Oxalic acid, phosphate or phytanic acid containing foods may reduce the absorption of calcium. Concomitant treatment with phenytoin, barbiturates or glucocorticoids can decrease the effect of vitamin D₃. The effects of digitalis and other cardiac glycosides may be accentuated with the oral administration of calcium combined with vitamin D₃. Calcium salts may reduce the absorption of thyroxine, bisphosphonates, sodium fluoride, quinolone or tetracycline antibiotics or iron. It is advisable to allow a minimum period of four hours before taking the calcium.

Overdose

At high doses it may result in nausea, vomiting, dizziness, anorexia, abdominal cramps, headache, constipation, irritability etc. Treatment includes cessation of therapy and adequate rehydration.

Storage

Do not store above 30°C. Store in a cool & dry place, protect from light. Keep out of reach of children.

Packaging

Reefcal-D Tablet: Each box contains 5X10's tablets in blister pack.

Reefcal-DX Tablet: Each box contains 3X10's tablets in blister pack.

Manufactured by



Ziska Pharmaceuticals Ltd.

Kaliakoir, Gazipur, Bangladesh