

Onecal-D

Calcium 500 mg & Vitamin D₃ 200 IU

Composition

Onecal-D: Each film coated tablet contains Calcium Carbonate BP 1250 mg equivalent to elemental Calcium 500 mg and Vitamin D₃ 200 IU as Cholecalciferol BP.

Pharmacology

Calcium is needed for the formation of strong bones and healthy teeth and is involved in helping the blood to clot. It is also required to transmit nerve signals and help muscles work. Inadequate Calcium intake results in reduced bone mass and osteoporosis. Vitamin D₃ is needed for calcium to be absorbed from the gut and deficiency can lead to low Calcium levels and subsequent weakening of bones. Calcium and vitamin D₃ has synergistic effects on bone growth as well as in osteoporosis and in fracture prevention.

Indication

Calcium and Vitamin-D is used for the treatment of osteoporosis, osteomalacia, rickets, tetany, and parathyroid disease. Also used in raised calcium requirement for children and adolescents at times of rapid growth, inadequate intake of calcium in the diet due to malnutrition, prevention and treatment of osteoporosis, disorders of osteogenesis and tooth formation (in addition to specific treatment), latent tetany and during pregnancy and lactation. It is also used as routine supplement and phosphate binder in chronic renal failure.

Dose and Administration

a) *Route of Administration:* Oral

One tablet twice daily with food or as directed by the physician.

Contraindication

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

Warning & Precaution

Caution should be taken in patients with renal impairment, Sarcoidosis, Hypercalcemia and Hypercalciuria, Cardiac disease.

Side effects

a) *Common:* Flatulence, diarrhea, constipation, upper GI, discomfort etc. are rare manifestation. Hypercalcemia due to prolong use has rarely been reported.

b) *Rare:* Onecal-D is well tolerated. Mild gastrointestinal disturbances may occur.

Use in Pregnancy & Lactation

Onecal-D should be used considering the risk benefit ratio.

Use in Children and Adolescents

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

Drug Interaction

a) *With medicine:* concurrent administration of Thiazide diuretics may increase the risk of hypercalcemia. Calcium salts reduce the absorption of a number of other drugs such as Biphosphonates, Fluoride, some Fluoroquinolones and Tetracyclines.

b) *With food & other:* generally calcium & vitamin D₃ is well tolerated with food & others.

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

Store below 30° C. Protect from light and moisture. Keep all medicines out of reach of children.

Packing

Onecal-D Tablet: Each box/pot contains 30 tablets.



Manufactured by

ONE PHARMA LTD.

C-23-24, BSCIC I/A

Bogura, Bangladesh

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