

Composition : Seacal-D Tablet : Each film coated tablet contains Calcium Carbonate (from Coral source) BP 1250 mg eq. to 500 mg of elemental Calcium and Vitamin D₃ BP 200 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 : This combination medication is used to prevent or treat conditions caused by low calcium levels such as bone loss (osteoporosis), weak bones (osteomalacia/rickets), decreased activity of the parathyroid gland (hypoparathyroidism), and a certain muscle disease (latent tetany). It may also be used in certain patients to make sure they are getting enough calcium (e.g., women who are pregnant, nursing, or postmenopausal, people taking certain medications such as phenytoin, phenobarbital, or prednisone). Vitamin D helps the patient's body to absorb calcium and phosphorus.

Dosage and administration : One tablet once or twice daily with plenty of water. Taking in full stomach ensures better absorption. Or, as directed by the registered physician.

Contraindication : Hypersensitivity to any of the components, hypocalcaemia resulting from overdose of Vitamin D, hyperparathyroidism, bone metastases, severe renal insufficiency, severe hypercalciuria, renal calculi etc.

Seacal-D

Tablet



**DRUG
INTERNATIONAL
LTD.**

Drug interactions : Oral calcium can reduce the absorption of tetracycline & fluoride preparations and minimum 3 hours time should be allowed between ingestion of these medications. Thiazide diuretics reduce the renal excretion of calcium. Phenytoin, barbiturates, glucocorticoids may induce metabolism of Vitamin D. Concomitant ingestion of certain foods like spinach, cereals, milk and its derivatives may reduce the intestinal uptake of calcium.

Side effects : Flatulence, diarrhea, constipation, upper GI discomfort etc. are rare manifestation. Hypercalcaemia due to prolong use has rarely been reported.

Use in pregnancy and lactation : Can be given to pregnant and lactating mothers as per recommendation of physician.

Use in Child : There is no data available.

Precautions : Before taking this medication, should tell your doctor if you are allergic to it; or to other vitamin D products. Before using this medicine, should consult your doctor if you have: high calcium/vitamin D levels (hypercalcaemia/hypervitaminosis D), difficulty absorbing nutrition from food (malabsorption syndrome).

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 in a dry place.

Packing : Seacal-D Tablet : Each box contains 4 x 7's tablets in blister pack.