

**Composition : Seacal-DX** : Each film coated tablet contains Calcium Carbonate (from coral source) BP 1500 mg eq. to elemental Calcium 600 mg and Vitamin D<sub>3</sub> BP 400 IU as Colecalciferol.

**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 tablet is indicated in the treatment and prevention of osteoporosis, rickets, osteomalacia, tetany and parathyroid disease. It is also used as phosphate binder in chronic renal failure, during therapy with anti-seizure medications, in the prevention and treatment of calcium and vitamin D<sub>3</sub> deficiency specially in the elderly patients.

**Dosage and 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 registered physician.

**Contraindications** : It is contraindicated in patients with known hypersensitivity to this tablet or to any of its components. It is also contraindicated in patients with hypocalcaemia resulting from hyperparathyroidism, vitamin D<sub>3</sub> overdose.

**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.

**Seacal-DX**

Tablet



**DRUG  
INTERNATIONAL  
LTD.**

**Side effects** : The most common side effects are flatulence, nausea, gastric pain, diarrhoea, skin rash etc.

**Use in Pregnancy and Lactation** : This tablet can be given to pregnant and lactating mothers as per recommendation of registered physician.

**Use in Child** : There is no data available.

**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 D<sub>3</sub>. The effects of digitalis and other cardiac glycosides may be accentuated with the oral administration of calcium combined with vitamin D<sub>3</sub>. Calcium salts may reduce the absorption of thyroxine, bisphosphonates, sodium fluoride, quinolone or tetracycline antibiotics or iron.

**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-DX** : Each box contains 4 x 7's tablets in blister pack.