

# Calgi-DX

Calcium (Algae source) & Vitamin D<sub>3</sub>

## COMPOSITION

Each film coated tablet contains Calcium Carbonate USP (Algae source) equivalent to elemental Calcium 600 mg & Vitamin D<sub>3</sub> 400 IU as Colecalciferol BP.

## PHARMACOLOGY

**Calgi-DX** is a combination of Calcium (Algae source) & Vitamin D<sub>3</sub>. Calcium (Algae source) is an essential element and plays a vital role in the body. It makes the body's framework stronger by building bones. Clinical evidence suggests that Calcium is useful for the prevention and treatment of osteoporosis and associated fractures. Vitamin D<sub>3</sub> is also essential for healthy bones as it aids in Calcium absorption from the GI tract. Controlled clinical studies show that Calcium and Vitamin D<sub>3</sub> have synergistic effects on bone growth as well as in osteoporosis and fracture prevention.

## INDICATION

**Calgi-DX** is indicated for the treatment & prevention of osteoporosis, osteomalacia, tetany, hypoparathyroidism & osteogenesis. It can also be used as a supplement in case of inadequate Calcium intake in childhood diet, pregnancy & lactation, rickets & poor absorption during old age. Other indications include pancreatitis & phosphate binder in chronic renal failure etc.

## DOSAGE AND ADMINISTRATION

One tablet twice daily with an adequate amount of water or food as directed by the physician.

## CONTRAINDICATION

Increased parathyroid gland activity, hypercalcemia, constipation, kidney stone & extreme loss of body water are such conditions in which Calcium intake is contraindicated.

## WARNING AND PRECAUTION

In mild hypercalciuria, a reduction of the dose is sufficient to return to normal serum Calcium concentration. Patients with kidney stones or with such previous history should be recommended to increase their fluid intake.

## SIDE EFFECTS

Flatulence, diarrhea, constipation, allergic reactions, etc. are rare manifestations. Hypercalcemia due to prolong use has rarely been reported.

## USE IN PREGNANCY AND LACTATION

It should be given to pregnant and lactating mothers as per the recommendation of the physician.

## USE IN CHILDREN AND ADOLESCENTS

Not recommended for children under 12 years.

## DRUG INTERACTION

Calcium salts reduce the absorption of Bisphosphonates, Ciprofloxacin, Fluorides, Iron, Levothyroxine, Tetracycline and Zinc. The absorption of Calcium salts is also reduced by corticosteroids. Increased risk of hypercalcemia when Calcium and Vitamin D<sub>3</sub> is given with thiazides and related diuretics.

## OVERDOSAGE

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

## STORAGE

Store below 30°C temperature in a dry place. Protect from light & moisture. Keep out of the reach of children.

## HOW SUPPLIED

Each box contains 32 tablets in Alu-Alu blister pack.