

Caldical-D

Calcium 500 mg - Vitamin D₃ 200 IU

Composition

Caldical-D Tablet: Each film coated tablet contains Calcium Carbonate USP 1250 mg (equivalent to 500 mg of elemental Calcium) & Vitamin D₃ BP 200 IU.

Description

Caldical-D is a combination of Calcium & Vitamin D₃. 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 to work. Vitamin D₃ improves the absorption of Calcium into the body.

Indications

Caldical-D is indicated in

- Treatment of osteoporosis, rickets, osteomalacia, tetany and parathyroid disease.
- In pregnancy & lactation due to increased demand
- In kidney disease and pancreatitis
- During therapy with anti-seizure medications.
- The prevention & treatment of Calcium or Vitamin D deficiency specially in the housebound and institutional elderly patients.

Dosage & Administration

Adults, elderly and children above 12 years of age: 2 tablets per day, preferably one tablet in the morning and one tablet in the evening.

Contraindication

Hypersensitivity to any component of the product. Hypercalcaemia for example, as a result of hyperparathyroidism, Vitamin D overdose, decalcifying tumours such as myeloma, bone metastases or sarcoidosis, severe hypercalciuria, renal stones, osteoporosis due to immobilization.

Side-effects

The use of calcium supplements has rarely given rise to mild gastro-intestinal disturbances, such as constipation, flatulence, nausea, gastric pain, diarrhoea. Following administration of Vitamin D supplements occasional skin rash has been reported. Hypercalcaemia, and in rare cases hypercalcaemia have been seen with long term treatment at high dosages.

Precaution

Patients with mild to moderate renal failure (commonly found in the elderly) mild hypercalcaemia should be supervised carefully with periodic checks of urinary calcium excretion and plasma calcium levels. Urinary calcium excretion should also be measured in patients with a history of renal stones to exclude hypercalcaemia.

Use in Pregnancy & Lactation

Normal requirements of Calcium & Vitamin D are raised during pregnancy & lactation. Calcium is excreted in breast milk but not sufficiently to produce adverse effect in the infant. During pregnancy & lactation therapy should be under medical supervision.

Children

Children under 12 years of age should not take this preparation.

Drug Interactions

The risk of hypercalcaemia should be considered in patients taking thiazide diuretics since these drugs can reduce urinary calcium excretion. Certain foods (e.g. those containing oxalic acid, phosphate or phytinic) may reduce the absorption of Calcium. Concomitant treatment with phenytoin or barbiturates can decrease the effect of Vitamin D because of metabolic activation. Concomitant use of glucocorticoids can decrease the effect of Vitamin D. The effects of digitalis and other cardiac glycosides may be accentuated with the oral administration of Calcium combined with Vitamin D. Calcium salts may reduce the absorption of thyroxine, biphosphonates, sodium fluoride, quinolone or tetracycline antibiotics or iron. It is advisable to allow a minimum period of four hours before taking the Calcium.

Overdose

The most serious consequence of acute or chronic overdose is hypercalcaemia due to Vitamin D toxicity. Symptoms include nausea, vomiting, polyuria and constipation. Chronic overdoses can lead to vascular and organ calcification as a result of hypercalcaemia.

Storage

Store in a cool and dry place, protected from light. Keep out of reach of children.

Packaging

Caldical-D Tablet: Each box contains 5x10's tablets in blister strip.

Manufactured by:

ZISKA Ziska Pharmaceuticals Ltd.
PHARMA Gazipur, Bangladesh