

AC-D3

(Cholecalciferol Vit. D3)

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DESCRIPTION:

AC-D3 contains cholecalciferol (Vitamin D3) which is an organic substance. It is required by the body in small amount for the smooth functioning of metabolic processes. It is involved in bone fixation of calcium.

COMPOSITION:

Each 1 mL ampoule contains: 5mg of cholecalciferol (Vitamin D3).

INDICATIONS:

AC-D3 is indicated in the prevention and treatment of vitamin D deficiencies. These are osteoporosis, osteomalacia, hypocalcaemia, tetany and rickets.

DOSAGE AND ADMINISTRATION:

By oral or intramuscular injection

Prevention: Infants receiving vitamin D enriched milk: Half ampoule (0.5 mL) i.e. 100,000 I.U every 6 months.

Infants not receiving vitamin D enriched milk or young children up to 5 years of age: 1 ampoule (1mL) i.e. 200,000 I.U every 6 months.

Adolescents: 1 ampoule (1mL) i.e. 200,000 I.U every 6 months.

Pregnancy: Half ampoule (0.5 mL) i.e. 100,000 I.U from the 6th or 7th month of pregnancy

Elderly: Half ampoule (0.5 mL) i.e. 100,000 I.U every 3 months. Digestive disorders, concomitant treatment with antiepileptics & other particular condition not described above: Half ampoule (0.5 mL) i.e. 100,000 I.U or 1 ampoule (1mL) i.e. 200,000 I.U every 3 or 6 months.

Vitamin D deficiency: 1 ampoule (1mL) i.e. 200,000 I.U which can be repeated once 1 to 6 months later.

SIDE EFFECTS

Individual tolerance to Vitamin D varies considerably. Infants and children are generally more susceptible to its toxic effects. Excessive administration of vitamin D3 may lead to hypercalcaemia and hypervitaminosis. Hypervitaminosis is characterized by fatigue, loss of appetite, headache, and sliming, retardation of growth, nausea, vomiting, excess of urine, intense thirst and arterial hypertension.

CONTRAINDICATION

Vitamin D3 should not be administered in case of hypercalcaemia and in patients who are hypersensitive to vitamin D.

USE IN PREGNANCY:

Vitamin D3 can be prescribed during pregnancy if necessary.

PRECAUTIONS:

It is advised that if possible women receiving vitamin D3 do not feed their infants as this may lead to the development of hypercalcaemia of the infants. If high or repeated doses of vitamin D3 are administered or if high doses of calcium are associated, it is necessary to monitor calcium levels in blood and urine.

WARNING:

Vitamin D3 must not be used in the following cases: Hypersensitivity to vitamin D hypercalcaemia i.e. abnormally high blood calcium levels hypercalciuria i.e. excessive urinary elimination of calcium, calcium lithiasis i.e. formation of stones in the kidney.

DRUG INTERACTION:

Concomitant use of vitamin D3, dihydrotachysterol and calcium thyroxine is not recommended since hypercalcaemia is developed incase of following thyroidectomy. The effects of vitamin D3 may be reduced in patients taking barbiturates.

PRESENTATION:

AC-D3 5mg/mL ampoule: 1 ampoule / pack.

Dosage:

As directed by the physician.

Instructions:

Store below 25°C.

Protect from sunlight & heat.

Keep out of reach of children.

Do not freeze.

Improper storage may deteriorate the product.

Detailed prescribing information is available on request.

Manufactured by:
AsianContinental (Pvt.) Ltd.
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Karachi-Pakistan.



An ISO Certified Company

LFT/042/00