Information For the Use CALCIUM CARBONATE 1250MG + VITAMIN D3 250IU

Calostyle CD3 Tablet

Calcium Carbonate 1250mg + Vitamin D3 250 IU Tablet

This combination of Calcium Carbonate and Vitamin D3 is designed to support bone health, improve calcium absorption, and prevent or treat calcium and vitamin D deficiencies. It is commonly used for the management of osteoporosis, osteomalacia, and related conditions.

Composition (per tablet):

- Calcium Carbonate 1250mg: Provides elemental calcium to support bone strength and density.
- Vitamin D3 (Cholecalciferol) 250 IU: Enhances calcium absorption from the gut and maintains healthy levels of calcium and phosphorus in the blood.

Uses:

- 1. Bone Health:
 - Supports bone mineral density and reduces the risk of fractures.
- 2. Osteoporosis Prevention and Management:
 - Helps prevent bone loss in postmenopausal women, elderly patients, or individuals on prolonged corticosteroid therapy.
- 3. Calcium Deficiency:
 - Treats hypocalcemia and associated conditions such as muscle spasms or tetany.

- 4. Vitamin D Deficiency:
 - Helps maintain adequate vitamin D levels to support overall calcium metabolism.
- 5. Pregnancy and Lactation:
 - Provides additional calcium and vitamin D to support maternal and fetal bone health.

Dosage & Administration:

- Adults: 1 tablet once or twice daily, preferably with meals, or as directed by a healthcare provider.
- Children (if recommended): Dose as directed by a pediatrician.

Mechanism of Action:

- Calcium Carbonate: Supplies elemental calcium essential for bone formation and maintenance.
- Vitamin D3: Facilitates active calcium and phosphorus absorption from the intestines, ensuring efficient utilization by bones and muscles.

Side Effects:

- Common:
 - Mild gastrointestinal discomfort (e.g., bloating, constipation, or nausea).
- Rare (serious):

- Hypercalcemia (symptoms: fatigue, excessive thirst, confusion).
- Hypercalciuria (excess calcium in the urine).

Precautions:

- 1. Renal Impairment: Use with caution in patients with kidney stones or chronic kidney disease.
- 2. Hypercalcemia: Avoid use in patients with hypercalcemia or hyperparathyroidism.
- 3. Drug Interactions: Avoid taking with medications like bisphosphonates, tetracyclines, or iron supplements within 2 hours to prevent absorption interference.
- 4. Excessive Vitamin D Intake: Avoid additional high doses of vitamin D supplements unless prescribed.

Drug Interactions:

- Antacids or Other Calcium Products: May increase calcium levels, leading to hypercalcemia.
- Glucocorticoids: May reduce calcium absorption.
- Thyroid Hormones or Tetracyclines: Absorption of these drugs may be reduced when taken with calcium.

Storage:

- Store in a cool, dry place below 25°C.
- Protect from light and moisture.
- Keep out of reach of children.

Note: This supplement should be used as directed by a healthcare provider, particularly in individuals with chronic medical conditions or those taking other medications. Regular monitoring of calcium levels is advised for long-term use.

Manufactured in India for:



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