

Embacal-D

Calcium Carbonate BP (From Eggshell Source) & Vitamin D₃ BP

Composition: Each film coated tablet contains Calcium Carbonate BP (Eggshell source) equivalent to 500mg elemental Calcium & Cholecalciferol (vitamin D₃) BP 200 IU.

Pharmacology: Calcium plays a very important role in the body. It is necessary for normal functioning of bone, nerve cells, muscle, and other vital organs and the regulatory system of the body. If there is not enough Calcium in the blood, then the body will take Calcium from bones, thereby weakening bones and triggers different types of bone disorder. Vitamin D₃ helps the body to absorb Calcium. Having the right amounts of Calcium and Vitamin D₃ is important for building and keeping strong bones and healthy muscles.

Indications: **Embacal-D** is used for the treatment of: Bone loss (Osteoporosis), Weak bones (Osteomalacia, Osteopenia), Rickets, Decreased activity of the parathyroid gland (Hypoparathyroidism), Latent Tetany (certain muscle disease).

To ensure adequate Calcium and Vitamin D₃, it may be also used in certain conditions such as: Pregnancy and lactation, Post-menopausal osteoporosis, Senile osteoporosis, Drug like phenytoin, Phenobarbital or prednisolone type drug may induce osteoporosis.

Dosage & Administration: One tablet in the morning and one tablet at night or as directed by the registered physician. Use in children and adolescents should be directed by the physician.

Contraindications: Hypercalcemia and hyperparathyroidism, Hypercalciuria and nephrolithiasis, Hypersensitivity to the component of this preparation, Severe renal insufficiencies, Concomitant digoxin therapy (requires careful monitoring of serum calcium level).

Precautions: When hypercalcemia occurs, discontinuation of the drug is required. Patients with history of kidney stone formation should also be recommended to increase their fluid intake.

Side Effects: Common Side Effects: Generally orally administered Calcium Carbonate may be irritating to the GI tract and it may also cause constipation but eggshell Calcium is safe for long-term use without causing any GI discomfort or constipation. **Rare Side Effects:** Kidney stone, hypercalcemia, alkalosis, loss of appetite.

Use in Pregnancy & Lactation: It should be used as directed by the registered physician during Pregnancy and Lactation.

Use in Child: It Should be used as directed by the registered physician.

Drug Interactions: With Medicine: It has possible interaction with digoxin, antacids containing Calcium, aluminum or magnesium, other Calcium supplements, calcitriol, tetracycline, doxycycline, aminocycline or oxytetracycline etc. So while taking Calcium tablet with any of these drugs consultations of the physicians is needed. **With food & others:** The intestinal uptake of Calcium may be reduced by concomitant ingestion of certain foods (e.g. spinach, milk and milk products).

Overdose: Symptoms of overdose may include nausea and vomiting, dry mouth, loss of appetite, metallic taste, diarrhea, weakness, headache, irritability or dizziness etc.

Storage: Store below 30° C in a dry place.

Packing: Each box contains 28 tablets in blister pack.



Manufactured by
DRUG INTERNATIONAL LTD.
Tongi, Gazipur, Bangladesh

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