

Aristocal®

(Calcium Tablet)

Description

Aristocal contains Calcium Carbonate that is used as dietary calcium supplement, and to sequester phosphorus in the intestine to reduce total body phosphate accumulation in chronic renal failure.

Indications

- ◆ For dietary calcium supplement when it is deficient
- ◆ As a phosphate binder in chronic renal failure
- ◆ As an adjunct therapy in the arrest or slowing down of bone demineralisation in osteoporosis.

Dosage and Administration

Adults and elderly : Dietary deficiency- 2 to 3 tablets daily. As Phosphate binder- Dose as required by the individual patient depending on serum calcium and phosphate levels. Adjunct to osteoporosis therapy- 2 to 3 tablets daily.

Contraindications

- ◆ Hypercalcaemia and hyperparathyroidism
- ◆ Renal calculi and nephrolithiasis
- ◆ Zollinger-Ellision syndrome and other causes of gastric acid hypersecretion.

Precautions

In mild hypercalciuria or renal failure or stone formation in urinary tract, adequate checks must be kept on urinary calcium excretion. If necessary the dosage should be reduced or calcium therapy discontinued.

Drug Interactions

Calcium Carbonate may enhance the cardiac effects of Digoxin and other cardiac glycosides if systemic hypercalcaemia occurs. It may interfere with the absorption of concomitantly administered Tetracycline preparations. Modification of vitamin D therapy may be required to avoid hypercalcaemia

when Calcium Carbonate is used as a phosphate binder in chronic renal failure. Concurrent administration of Calcium Carbonate reduces total absorption and peak serum levels of Ciprofloxacin.

Side Effects

Mild gastrointestinal disturbances (e.g., flatulence, abdominal pain, constipation) may occur. Hypercalcaemia and alkalosis are rarely produced with large doses.

Use in Special Population

Pregnancy and lactation : Calcium containing drugs are used widely in pregnancy by way of oral calcium supplementation. Calcium Carbonate can be used in lactating women too.

Commercial Pack

Aristocal[®] Tablet : Box containing 100 tablets in 10 x 10's blister strips. Each tablet contains 1250 mg Calcium Carbonate BP equivalent to 500 mg elemental Calcium.