

*Only for the use of Medical Professionals*

## **Acical® 500**

Calcium carbonate tablet

### **Presentation**

Acical® 500 mg Tablet: White, concave oval film coated tablet contains Calcium Carbonate BP equivalent to 500mg elemental Calcium.

### **Uses**

Acical® is indicated in raised Calcium requirement e.g. during pregnancy and lactation, and in children and adolescent at time of rapid growth, inadequate intake of Calcium in diet due to malnutrition, prevention and treatment of osteoporosis, disorders of oestrogenesis tooth formation and latent tetany. It is also used as a phosphate binder in chronic renal failure.

### **Dosage and administration**

Adults: One tablet (500mg elemental Calcium) daily or as directed by the physician. Higher doses should not be taken unless recommended by the physician. For prevention of osteoporosis, 1-3 Acical® tablet is generally recommended as a dietary supplement.

Children: Doses for children is half for those of the adults or as directed by the physician.

Adolescents: 250-500mg elemental Calcium daily or as directed by the physician.

### **Contra-indications, warnings, etc.**

Contra-indications: Hypersensitivity to any component of this preparation, Hypercalcemia, Hyper-parathyroidism, Zollinger-Ellison Syndrome, concomitant digoxin therapy, severe Hypercalciuria, severe renal insufficiency, Nephrolithiasis.

Side-effects: Mild gastrointestinal disturbances (E.g. flatulence, abdominal pain, constipation may occur. Hypercalcemia and alkalosis are rarely produced with large doses.

Use in pregnancy and lactation: Pregnant Women: Calcium containing drugs are used widely in pregnancy by way of Calcium supplement or antacid therapy. No relationship between malformation in general and Calcium exposure has been noted.

Lactating mother: There is no contraindication to the use of Calcium Carbonate in lactating mother.

Drug interactions: Oral Calcium can reduce internal absorption of tetracycline and fluoride preparations and an interval of at least 3 hours should therefore be allowed between ingestion of these medications. Vitamin D increases internal absorption of Calcium. The intestinal uptake of Calcium may be reduced by concomitant ingestion of certain foods (E.g. Spinach, Milk, and milk products).

**Pharmaceutical precautions**

Store in cool dry place. Protect from light.

**Package quantities**

Acical<sup>®</sup> 500 mg Tablet: Carton of 100 tablets in strips

® Registered Trade Mark



ACI Limited  
Narayanganj, Bangladesh