

Acical Jr.®

Calcium

Description

Acical Jr.® is the preparation of Calcium Carbonate which is used as dietary calcium supplement. Calcium is necessary for many normal functions of our body, especially bone and teeth formation. Calcium plays an important role in muscular excitation-contraction coupling, blood vessel contraction and expansion and sending message through the nervous system.

Indications

Acical Jr.® is indicated for the following conditions:

- For dietary calcium supplement of the children and adolescents during the time of rapid growth.
- For maintaining the development and growth of bones and teeth.
- For prevention and treatment of osteoporosis, osteomalacia and rickets.

Dosage and administration

Children: One Acical Jr.® tablet daily

Adolescents: One-Two Acical Jr.® tablets daily

Adults: Two Acical Jr.® tablets daily or as directed by the physician

Use in pregnancy and lactation

Calcium containing drugs have been widely used in pregnancy by way of oral calcium supplementation or antacid therapy. Calcium carbonate can be safely used in lactating women.

Side Effects

Generally, this preparation is well tolerated. In rare cases constipation, flatulence or diarrhoea may occur. Hypercalcaemia and alkalosis are rarely produced with large doses.

Contraindications

It is contraindicated in patient with known hypersensitivity to any component of the formulation. It is also contraindicated in hypercalcemia, hyper-parathyroidism, Zollinger-Ellison Syndrome, concomitant digoxin therapy, severe hypercalciuria, severe renal insufficiency, nephrolithiasis.

Precautions

Caution should be exercised when hypercalcemia occurs, discontinuation of the drug is usually sufficient to return serum calcium concentrations to normal. Calcium salts should be used cautiously in patients with sarcoidosis, renal or cardiac disease, and in patients receiving cardiac glycosides. Patients with a history of stone formation should also be recommended to increase their fluid intake. High doses of Vitamin-D should be avoided during calcium therapy unless specifically indicated.

Drug Interactions

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

Pharmaceutical precautions

Store in a cool and dry place protected from light.

Presentation

Acical Jr.[®] Tablet: Each chewable tablet contains Calcium 250 mg as Carbonate BP.

Package quantities

Acical Jr.[®] Tablet: Each carton contains 50 tablets in blister pack.

® Registered Trade Mark



ACI Limited