

Preg-CI[®]

Carbonyl Iron, Folic Acid and
Zinc Sulfate Monohydrate

Description

Preg-CI[®] is the combined preparation of Carbonyl Iron, Folic Acid and Zinc Sulfate Monohydrate. Carbonyl Iron is a highly purified form with smallest particle size, highest Iron content, a very high absorption potential and hence a higher bioavailability. Carbonyl Iron is essentially pure Iron unlike most other Irons which contain Iron salts such as Iron Fumarate and Iron Gluconate. Folic Acid is the synthetic form of Vitamin B₉, which is essential for numerous bodily functions. Zinc is necessary for proper functioning of enzymes, which are involved in the metabolism of carbohydrates, lipids and proteins. Zinc facilitates wound healing, normal growth rates, normal skin hydration and maintains senses of taste and smell. It also helps in development of cell mediated immunity.

Indications

Preg-CI[®] is indicated for the treatment and prophylaxis of iron, zinc and folic acid deficiency especially during pregnancy and lactation.

Preg-CI[®] is also indicated for the treatment of nutritional iron deficiency anaemia, patients with chronic inflammatory disease, patients who are taking NSAIDs for long period and patients with malabsorption syndrome.

Dosage and administration

The recommended dose of **Preg-CI[®]** is one capsule daily before food or as directed by the physician.

Use in pregnancy and lactation

Use of this combination during the first trimesters of pregnancy should be avoided if possible. Thus administration of iron during the first trimesters requires definite evidence of iron deficiency. Prophylaxis of iron deficiency where inadequate diet calls for supplementary zinc and folic acid is justified during the remainder of pregnancy.

Side effects

This combination is generally well tolerated. However, a few side effects may occur such as dark stools and gastrointestinal irritations (e.g., nausea, anorexia, vomiting, discomfort, constipation and diarrhea). Rarely there may be allergic reaction.

Contraindications

This combination is contraindicated in patients with known hypersensitivity to any components of this product.

Warnings and precautions

Special care should be taken in patient with iron overload states, such as haemochromatosis, haemolytic anemia or red cell aplasia. Failure to respond to the treatment requires further investigations to exclude other causes of anemia. In patients with renal failure there may be the risk of zinc accumulation.

Drug interactions

Carbonyl iron may decrease the absorption of tetracycline antibiotics, quinolone antibiotics, levodopa, levothyroxine, methyldopa and penicillamine. Large amount of calcium decreases the absorption of zinc. Folic acid interacts with antiepileptics, so plasma concentrations of phenobarbital, phenytoin and primidone are possibly reduced.

Overdose

In case of overdose, no intoxication or no iron overload has been reported. If iron overdose occurs gastric lavage should be carried out in the early stages or if this is not possible, vomiting should be induced. These procedures should not be undertaken where signs of the corrosive effects of zinc are present. Demulcents such as milk should be given in case of corrosive effect of zinc and chelating agents such as dimercaprol, penicillamine or edetic acid have been also recommended.

Pharmaceutical precautions

Store in cool (below 30°C) and dry place protected from light. Keep away from the reach of children.

Presentation

Preg-CI[®] capsule: Each timed release capsule contains Carbonyl Iron INN equivalent to 50 mg elemental Iron, Folic Acid BP 0.50 mg and Zinc Sulfate Monohydrate USP 61.80 mg.

Package quantities

Preg-CI[®] capsule: Carton of 60 capsules in blister pack.

® Registered Trade Mark



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