Compiron®

Iron Polymaltose Complex

Presentation
Compiron® syrup: Each 5 ml of syrup contains Iron (III) Hydroxide Polymaltose Complex INN 200 mg equivalent to 50 mg of elemental iron.
Compiron® paediatric syrup: Each 1 ml syrup contains Iron (III) Hydroxide Polymaltose Complex INN 40 mg equivalent to 10 mg of elemental iron.
Compiron® paediatric drops: Each 1 ml drop contains Iron (III) Hydroxide Polymaltose Complex INN 200 mg equivalent to 50 mg of elemental iron.

Description
Iron Polymaltose Complex is a polysaccharide-iron complex, which is a novel iron preparation used in the treatment of iron deficiency anaemia. Iron, an essential constituent of the body, is necessary for haemoglobin formation and for the oxidative process of living tissue. Compiron contains non-ionic ferric iron and polymaltose in a stable complex. This facilitates a controlled absorption of the ferric iron when it comes in contact with the mucosal cell surface. Being non-ionic, it does not release any free radicals and thus takes care of all the toxic effects found due to the release of free radicals by the traditional ionized iron salt preparations. It does not interact with the food components and other medications and so, unlike ferrous salts, there is no decrease in bioavailability of Iron Polymaltose Complex. This makes sure that with the consumption of this complex, iron gets utilized at a faster rate in the haemoglobin and myoglobin synthesis.

Indications and uses
- Treatment of latent iron deficiency and iron deficiency anaemia including macrocytic anaemia, nutritional anaemia of infants, anaemia due to excessive haemorrhage and anaemia associated with infections and malignant disease.
- Prevention and treatment of iron deficiency anaemia before, during and after pregnancy and during lactation.
- For prophylactic therapy of iron deficiency to cover the recommended daily dietary allowances (RDA).

Dosage and administration
Dosage and duration of therapy are dependent upon the extent of iron deficiency and should be taken as directed by the physician.
Adults: 10 ml once or twice daily
Children (6 - 12 years): 10 ml daily
Children (2 - 6 years): 5 ml daily
Premature infants & Infants: 3.33 mg of elemental iron/kg body weight (0.06 ml of Compiron drops/kg body weight) daily.

Side-effects
This preparation is well tolerated. However, a few side-effects of oral iron preparations, including nausea, vomiting, constipation or diarrhoea may occur.

Contraindications
- In conditions where there is a risk of iron overload e.g. haemochromatosis, thalassemia or haemosiderosis.
- In case of hypersensitivity to iron or any other ingredients of the syrup.

Use in pregnancy and lactation
Recommended.

Use in children
Recommended.

Drug interactions
Generally no interactions have been observed. Since, the iron is complex bound, ionic interactions with foodstuff components (phytates, oxalates, tannin, etc.) and concomitantly administered medicaments (tetracycline, antacids) are unlikely to occur.

Overdosage
In case of overdosage, initially epigastric pain, diarrhoea and vomiting can occur and may include metabolic acidosis, convulsions and coma after apparent recovery. Should seek emergency medical attention in case of overdose. Initially an emetic should be given and then gastric lavage and general supportive measures should be employed.

Commercial pack
Compiron® syrup: Bottle containing 200 ml syrup with a plastic cup.
Compiron® paediatric syrup: Bottle containing 50 ml syrup with a plastic cup.
Compiron® paediatric drops: Bottle containing 30 ml drops with a plastic dropper.

Manufactured by

incepta

Incepta Pharmaceuticals Ltd
Dhaka, Bangladesh

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