

FEMSMART-XT[®]

(Ferrous Asparto Glycinate, Folic Acid Drops)

Composition:

Each ml serving contains:

Ferrous Asparto Glycinate eq. to
Elemental iron.....10 mg
Folic acid..... 100 mcg
Flavoured Syrupy base... ..qs

Clinical Pharmacology:

Ferrous Asparto Glycinate:

Ferrous asparto glycinate is an effective iron – amino acid chelate in the management of IDA in pregnant women. It is reported that the intestinal iron absorption from iron amino acid chelate is significantly higher compared with inorganic iron salts. Asparagine and glycine not only emerged as the best absorbable amino acids, but are also known to enhance the transport of iron from the duodenum. In fact, absorption of iron-asparagine or iron-glycine chelate is more than double that of iron-ascorbate salt. Therefore, ferrous asparto glycinate (FAG; an iron-amino acid chelate) exhibit better GI absorption rate of iron than ferrous ascorbate and produce minimal GI consequences.

Folic Acid:

Folic acid (FA) is an essential micronutrient in the B-complex vitamins. It is involved in different physiological processes, particularly growth because of its role in the synthesis, repair, and methylation of DNA, contributing to the formation of new cells and tissues. Folic acid:

It is the synthetic form of folate, which is a naturally occurring Vitamin B9. Folate helps make DNA and other genetic material. It is especially important in prenatal health. Folic acid is a vitamin needed by the body to manufacture red blood cells. An insufficient amount of this vitamin causes diseases known as macrocytic or megaloblastic anaemia. These diseases are most likely to occur in children and pregnant women. Folic acid may reduce the incidence of neural tube defects (abnormal development of brain and spinal cord) of the baby. Additional amount of folic acid may be required when a patient takes excessive amounts of alcohol or when a patient suffering from chronic kidney diseases that attack the red blood cells and break them down. Patients taking medications to treat certain disease, such as seizures or malaria and women taking birth control pills also may require more folic acid than their normal diets provide.

Indication:

- ❖ For growth & cellular repair.
- ❖ In Iron deficiency Anemia.
- ❖ Rapid growth and development.
- ❖ Lactation.
- ❖ Chronic & acute blood loss Use

Dosage and Administration:

As directed by the physician.

Contraindications:

Patients hypersensitive to ferrous asparto glycinate, folic acid or to any other component of this formulation; Patients with porphyria cutanea tarda, haemochromatosis and haemosiderosis, and haemolytic anaemia.

Warnings and Precautions:

General: Do not exceed the recommended dose. The type of anaemia and the underlying cause or causes should be determined before starting therapy with this medication. Since the anaemia may be a result of a systemic disturbance, such as recurrent blood loss, the underlying cause or causes should be corrected, if possible.

Drug interaction:

The administration of the following results in decreased iron effectiveness: Aluminium hydroxide, aluminium phosphate, calcium , aluminium carbonate (basic), chloramphenicol, dihydroxyaluminium aminoacetate, dihydroxyaluminium sodium carbonate, magaldrate, magnesium carbonate, magnesium hydroxide, magnesium oxide, magnesium trisilicate, methacycline, minocycline, oxytetracycline, rolitetracycline, sodium bicarbonate.

Also following molecules decreased iron effectiveness: Cefdinir, cinoxacin, ciprofloxacin, enoxacin, gatifloxacin, gemifloxacin, grepafloxacin, levofloxacin, lomefloxacin, moxifloxacin, norfloxacin, ofloxacin, penicillamine, sparfloxacin, temafloxacin, trovafloxacin mesylate, levothyroxine.

NUTRITIONAL FOOD SUPPLEMENT**SHAKE WELL BEFORE USE.**

Flavour: Delicious Pineapple Flavour.

Storage: Store below 25°C in A Dry Place. Protect from light.

Route of administration: Oral

Presentation: FEMSMART-XT Drops is available as 30 ml bottle with calibrated dropper.

Marketed By:



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