

**IRON (III)  
HYDROXIDE POLYMALTOSE COMPLEX  
+ FOLIC ACID**

**R<sub>x</sub>**

**POLYMAX**  
**100 mg/550 mcg capsule**  
**ANTI-ANEMIA**

**THERAPEUTIC USE:**

Haematinic containing Iron Polymaltose Complex for correction of iron deficiency anemia and also for prophylactic use.

**FORMULATION:**

Each capsule contains :

Iron (III) -Hydroxide Polymaltose Complex (Equivalent to Elemental Iron)	100 mg
Folic Acid BP	550 mcg

**DESCRIPTION:**

POLYMAX Capsules contain Iron (III)-Hydroxide Polymaltose Complex (POLYMAX) which is a non-ionic Iron source. Due to rapid absorption, it's high rate of iron utilization, effective hemoglobin production by Iron (III)-Hydroxide Polymaltose Complex (POLYMAX) and excellent gastrointestinal tolerance, Iron (III)-Hydroxide Polymaltose Complex (POLYMAX) becomes an ideal preparation for iron deficiency anemias. Unlike ferrous salts where disturbances due to gastrointestinal intolerance is very common, IPC in POLYMAX is well tolerated by gastrointestinal tract and hence increases patient compliance. This bioavailability of Iron(III)-Hydroxide Polymaltose Complex (POLYMAX) is equivalent to ferrous salt. This result in a fast utilization of the Iron administered in hemoglobin synthesis and replenishment of iron depots.

Iron (III)-Hydroxide Polymaltose Complex (POLYMAX) is absorbed at a slower rate than inorganic salts or other iron complexes like iron ascorbate i.e. they have a different pharmacokinetic behavior, especially in non-anemic individuals. This slower absorption increases the safety profile of the Iron (III)-Hydroxide Polymaltose Complex. After 3 months of treatment, both Iron (III)-Hydroxide Polymaltose Complex (POLYMAX) and ferrous salts yield equal results. Iron (III)-Hydroxide Polymaltose Complex (POLYMAX) is use to correct Iron deficiency anemia and nutritional anemia that occurs especially during pregnancy and lactation. Being non-ionic Iron, Iron (III)-Hydroxide Polymaltose Complex in POLYMAX capsules does not release free Iron radicals unlike other Iron salts. The Ld50 of Iron (III) Hydroxide Polymaltose Complex (POLYMAX) is very high (greater than 2000mg/kg bw). This may prevent toxicity due to inadvertent overdosing. No food or medicaments are known to interact or interfere in the iron absorption from Iron (III) Hydroxide Polymaltose Complex (POLYMAX), hence POLYMAX capsules can be taken either before or after meals.

Folic Acid is a member of Vitamin B group, which is essential for DNA-synthesis. Folic acid deficiency is an important cause of anemia. The requirements of Folic Acid are increased during pregnancy. Folic acid is very important in the prevention of many chronic diseases and neural tube defects in newborn.

**INDICATIONS:**

For the treatment of Iron deficiency anemia during pregnancy, lactation, and post surgical condition.

For the prevention of Iron deficiency anemia.

**DOSAGE:**

For the prevention of Iron deficiency anemia:  
1 Capsule once daily.

For the treatment of Iron deficiency anemia:  
1 Capsule twice daily.

Or as prescribed by the physician.

**CONTRAINDICATIONS:**

Iron overload  
Thalassemia  
Non Iron deficiency anemia's (like hemolytic anemia).

**ADVERSE EFFECTS:**

Gastrointestinal irritation with flatulence, epigastric malaise, nausea, constipation or diarrhea may occasionally occur. A dark color feces can be seen without having clinical significance.

**PRECAUTIONS:**

No special precaution is required

Iron (III) -Hydroxide Polymaltose Complex (POLYMAX) can be safely use in pregnancy and lactation.

**DRUG INTERACTION:**

No interactions are evident either with food or medications, contrary to ferrous salts.

**CAUTION:**

Foods, Drugs, Devices and Cosmetics Act prohibits dispensing without prescription.

**AVAILABILITY:**

Blister pack x 10's capsule (Box of 40's)

**STORE AT TEMPERATURES NOT EXCEEDING 30°C.  
PROTECT FROM LIGHT.**

Manufactured by:  
**EMCURE PHARMACEUTICALS LTD.**  
Pune - 411 057, INDIA.

Imported by:  
**GENPHARM, INC.**  
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Distributed by:  
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