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OAPI - AFRICAN INTELLECTUAL PROPERTY ORGANIZATION

**la Renon**

The Makers of...

# FERRONEMIA

Lactoferrin 100 mg & Disodium Guanosine 5-Monophosphate 10 mg Tablets

# FERRONEMIA PLUS

Lactoferrin 50 mg, Disodium Guanosine 5-monophosphate 5 mg  
and Elemental Iron (Ferrous Bisglycinate) 19 mg Tablets

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## Description :

Lactoferrin is a non-haem iron-binding protein that is part of the transferrin protein family and differs from transferrin by its higher affinity for iron which is 300 times greater and its ability to retain iron at a pH lower than 4 such as exist. (e.g. in the gastrointestinal tract or inflammatory lesions).

Disodium Guanosine 5-Monophosphate is a salt of Guanosine 5-Monophosphate. Ribonucleoside Monophosphate which upon phosphorylation to GTP becomes incorporated into ribonucleic acid (RNAs) by various RNA polymerase(s).

Ferrous bisglycinate (FBG) is a chelate that is used as a source of dietary iron. Forming a ring structure when reacting with glycine, ferrous bisglycinate acts as both a chelate and a nutritionally functional.

## Indication :

**FERRONEMIA** and **FERRONEMIA PLUS** is indicated for the management of Iron Deficiency Anemia and Anemia of Chronic Disease.

## Mechanism of Action :

**FERRONEMIA** and **FERRONEMIA PLUS** work by the following mechanisms :

1. Decrease Hepcidin levels by regulating the Ferroportin - Hepcidin Axis
2. Increase iron efflux in the systemic circulation by Macrophage M1 to M2 phenotype conversion
3. Reduce ferritin bound iron stores
4. Reduce inflammatory pathways further affecting Hepcidin
5. Improve Ferroportin stabilization via GMP

## Dosage & Administration :

1-2 Tablets a day or as suggested by Healthcare Professional.

## Advantages of **FERRONEMIA** & **FERRONEMIA PLUS** in CKD Patients :

1. Effective increase of Hemoglobin and systemic Iron Levels
2. Countering any adverse effect of inflammation arising due to Erythropoietin resistance
3. Less likely to cause intestinal side effects such as nausea, constipation and bloating
4. Restoration of Iron Homeostasis
5. Ferrous bisglycinate has at least two-fold higher bioavailability/absorption compared to "conventional" iron salts, e.g., ferrous sulfate and ferrous fumarate.
6. Useful in the treatment of both True/absolute iron deficiency anemia as well as Functional Iron deficiency anemia




## Frimline Private Limited

(A Subsidiary of La Renon Healthcare Private Limited)

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