

**Composition:**

Each veg capsule contains:

Ferric Pyrophosphate equivalent to Elemental Iron of 30mg

Mechanism of Action

I for u is a micronized and microencapsulated source of iron which enhances the bioavailability of iron and does not taste metallic or oxidize unsaturated fats. Liposomal like complex is absorbed through M cells (microfold cells) that are present throughout the intestine and may be carried by macrophages through the lymphatic circulation directly into the liver, where they are broken down into their smaller subparts by enzymatic actions, releasing the iron mineral.

Other pharmacodynamic properties:

Iron supplementation typically results in increases in serum iron, transferrin-bound iron, and iron-stored in the form of ferritin in hepatocytes and macrophages. The available iron is usually used in bone marrow for the synthesis of hemoglobin

Indication:

Patient with anaemia of CKD

Contraindication:

The use of I for U is contraindicated in patients with:

- Known hypersensitivity to any ingredient in this product.
- Severe Anaemia

Drug Interaction:

- Antacids or aluminum-containing phosphate binders

May decrease iron absorption

- Calcium supplements

Decrease iron absorption



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- Chloramphenicol

Possible delayed response to iron therapy

- Food

Iron absorption may be inhibited by polyphenols (e.g., from certain vegetables), tannins (e.g., from tea), phytates (e.g., from bran), and calcium (e.g., from dairy products)

- H₂-receptor antagonists

Increased gastric pH and possibly decreased GI absorption of oral iron preparations that depend on gastric acidity for dissolution and absorption

- Iron, parenteral

Iron toxicity

- Methyldopa

Pharmacokinetic (decreased oral absorption of methyldopa) and pharmacologic (decreased hypotensive effect) interactions

- Penicillamine

May decrease the cupruritic effect of penicillamine, probably by decreasing its absorption

- Quinolone anti-infectives

Pharmacokinetic interaction (iron may interfere with quinolone absorption)

- Tetracyclines

Pharmacokinetic interaction (decreased oral absorption of both iron and tetracyclines)

- Thyroid agents

Possible pharmacokinetic interaction (decreased thyroxine absorption)

- Vitamin C

Increased absorption of iron from GI tract (with >200 mg Vitamin C per 30 mg elemental iron)

Adverse effects: Rare

- Nausea/Vomiting
- GI Upset



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Use in special population:

1. **Pediatric:** Safety and effectiveness of I for U in pediatric patients have not been established.
2. **Geriatric:** Safety and effectiveness of I for U in geriatric patients have not been established.
3. **Liver impairment:** No data available.
4. **Renal failure:** Consultation with doctor is recommended.
5. **Pregnancy and lactation:** Category A: Adequate and well-controlled human studies have failed to demonstrate a risk to the fetus in the first trimester of pregnancy (and there is no evidence of risk in later trimesters).

Dosage:

As directed by physician.

Presentation:

I for U is available in 3 X 10 capsules per pack.

Storage and handling:

Store at dark place at temperature not exceeding 25°C. Protect from direct sunlight.



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