



Effective In Delivering Outcome

Eido

Multi-Vitamin Supplement Capsules

Eido-Fe

Multi-Vitamin Supplement HPMC Capsules
with Elemental Iron 100 mg

Eido-Fe Forte

Multi-Vitamin Supplement HPMC Capsules
with Elemental Iron 200mg

Eido Injection

Mecobalamin, Pyridoxine Hydrochloride,
Folic Acid & Niacinamide Injection

Introduction:

Anemia affects 60-80% of patients with renal impairment, reduces the quality of life and is an additional risk factor for early death. Absolute or functional iron deficiency is present in 25-38% of patients with anemia of CKD.

People with kidney disease often cannot get enough of some vitamins and Iron due to-

Necessary dietary restrictions

Poor appetite and GI bleeding.

Disruptions in meal times due to treatments and appointments

Shortened RBC life span (~60),
depressed bone marrow function due to uremia.

Increased erythropoiesis with initial
rHuEPO therapy causes huge demand beyond existing reserves.

HD-associated blood loss, frequent lab testing.

Disturbance in iron absorption, elimination,
transportation & utilization.

Requirement:

Iron: According to **KDOQI** guideline for oral iron therapy, the recommendations are for doses of elemental iron ranging from **2 to 3 mg/kg/d up to 6 mg/kg/d**, with a maximum of **150 to 300 mg of elemental iron per day**.

Vitamins: Water soluble vitamins do not build up in the body and must be replaced daily from the diet. CKD patients have greater requirements for water soluble vitamins.

Importance of Iron And Vitamins:

INGREDIENTS	IMPORTANCE
IRON	It is an important constituent of Hemoglobin, myoglobin and the enzymes. Serves as a carrier for oxygen and electrons. It acts as a catalyst in various biochemical reactions of the body. Plays a vital role for the transport and storage of oxygen in oxidative metabolism, cell growth and proliferation.
Ascorbic Acid	Helps the body absorb iron.Helps in faster healing of wounds and restores tissue integrity.
Nicotinamide	Helps the body use sugars and fatty acids; helps body cells produce energy; helps enzymes function in body; can be made from the amino acid tryptophan.
Folic acid	Formation, maturation and multiplication of red blood cells.
Pyridoxine HCl	Helps the body make protein, which is then used to make cells; also helps make red blood cells; changes tryptophan (an amino acid) into niacin.
Calcium Pantothenate	Helps body cells produce energy; helps metabolize protein, fat and carbohydrates.
Riboflavin	Helps cells produce energy, supports normal vision and healthy skin.
Thiamin Mononitrate	Helps the body's cells produce energy from carbohydrates, helps nervous system work properly.
Biotin	Helps body cells produce energy; helps metabolize protein, fat and carbohydrates in food.
Methyl cobalamin	Helps body cells produce energy; helps metabolize protein, fat and carbohydrates in food.

CKD Recommendation of Vitamins:

VITAMINS	CKD RECOMMENDATION
Vitamin B 1 (Thiamin)	1.5 mg/day
Vitamin B 2 (Riboflavin)	1.8- 2 mg/day for CKD patient on low protein diet 1.1-1.3 mg/day supplement for those on dialysis
Vitamin B 3 (Niacin)	18-20 mg/day (Both dialysis & non Dialysis)
Vitamin B 6 (Pyridoxine)	10 mg/day (Patient on dialysis) 5 mg/day (Patient not on dialysis)
Vitamin B 12 (Methylcobalamin)	500 - 1000 mg/day
Vitamin B 8 (Biotin)	200 - 300 mg/day
Pantothenic Acid	5 mg/day (both dialysis & non dialysis)
Folic Acid	1.0 mg/day supplement recommended for CKD
Vitamin C	60-100 mg/day (Both dialysis and non-dialysis)

Eido

Multi-Vitamin Supplement Capsules

Eido-Fe

Multi-Vitamin Supplement HPMC Capsules
with Elemental Iron 100 mg

Eido-Fe Forte

Multi-Vitamin Supplement HPMC Capsules
with Elemental Iron 200mg

Eido Injection

Mecobalamin, Pyridoxine Hydrochloride,
Folic Acid & Niacinamide Injection

Indication:

- ❑ **Eido, Eido-FE & EIDO-FE-Forte** is prescribed for patient suffering from iron & vitamin deficiency.
- ❑ **Eido Injection** is indicated in patient suffering from with essential water soluble vitamins deficiency after Hemodialysis. It is also prescribed in treatment of Hyperhomocysteinemia in ESRD.

Description:

- ❑ **Eido-Fe & Eido-Fe Forte** contain 100 mg & 200 mg of elemental Iron which is an important mineral that the body uses for a variety of different functions, including making red blood cells that transport oxygen throughout the body.
- ❑ Low iron levels are referred to as “iron deficiency” and can lead to anemia in people with chronic kidney disease (CKD).
- ❑ **Eido** contains water soluble vitamins i.e. vitamins B1, B2, B6, B12, folic acid, niacin, pantothenic acid, biotin and Vitamin C.
- ❑ **Eido-Fe & Eido-Fe Forte** contains water soluble vitamins which are usually prescribed to kidney patients for extra benefit. **Eido-Fe & Eido-Fe Forte** contain vitamins B1, B2, B6, B12, folic acid, niacin, pantothenic acid, biotin, a small dose of vitamin C with elemental iron.
- ❑ **Eido Multi Vitamins Injection** contains Essential Water Soluble Vitamins (Mecobalamin, Pyridoxine Hydrochloride, Folic acid and Niacinamide)

Dosage:

- ❑ As Recommended by Registered Medical Practitioner.

Administration:

- ❑ **Eido** - should be taken orally with or after food for best results.
- ❑ **Eido-Fe & Eido-Fe Forte** preferably should be taken orally 2 hours before or 1 hour after all calcium-containing binders and food to maximize GI absorption.
- ❑ **EIDO injection** for IV/IM use.

Presentation:

- ❑ **Eido, Eido-Fe, & Eido-Fe Forte** is available as a strip of 10 capsules.
- ❑ **EIDO injection** is available as 5×2 ml Ampoules.

La Renon Healthcare Pvt. Ltd.

207-208 Iscon Elegance, Circle P, Prahlad Nagar Cross Roads,
S.G. Highway, Ahmedabad-380015, Gujarat, India.
Phone: + 91-79-3046-1000 (30 lines) | Fax: +91-79-3046-1001
E-mail: info@larenon.com | Web: www.larenon.com

I am: _____

Call me on: _____

Mail me at: _____