

La Renon

Advancing



Towards Better Care

Reduce the accumulation of uremic waste in body with,

IMPULOG

Alpha Ketoanalogue Tablets

Now Available,

IMPULOG-DS

Alpha Ketoanalogue Tablets-DS

*DS - Double Strength

BACKGROUND :

Diabetic nephropathy is the leading cause of progressive kidney disease, leading to end stage renal disease and renal replacement therapy (RRT). High protein intake is considered as risk factor for kidney disease. A low-protein diet (LPD) is believed to be a nutritional intervention that may slow kidney disease progression. But Low protein diet also leads to protein energy wasting, nutrition deficiency, decrease muscle mass. Therefore, management of patients with chronic kidney disease (CKD) requires attention to their altered metabolism and nutritional status, as well as their nutritional needs.

DESCRIPTION :

IMPULOG/DS is a combination of 5 alpha keto amino acids and 5 essential amino acids. The alpha keto amino acids are in the form of calcium salts. Therefore, allowing reduction in the nitrogen supply and also provides calcium.

The use of **IMPULOG/DS** in association with a very low protein diet allows a reduced intake of nitrogen while avoiding the deleterious consequences of inadequate dietary protein intake and malnourishment. **IMPULOG-DS** is double strength of traditional alpha Ketoanalogue tablets to reduce high pill burden in diabetic nephropathy patients and increase their adherence to the therapy.

MECHANISM OF ACTION :

IMPULOG/DS allows the intake of essential amino acids while minimizing the amino-nitrogen intake. Following ingestion, the Ketoanalogue are transaminated by taking nitrogen from non-essential amino acids, thereby decreasing the formation of urea by re-using the amino group.

The levels of accumulating uremic toxins are decreased. Keto acids do not elicit hyper filtration of residual nephrons.

INDICATION :

Prevention and treatment of diabetic renal disease.

DOSAGE :

The recommended dose is -

IMPULOG : 1 Tablet / 5 kg body weight / day along with meal

IMPULOG-DS : 1 Tablet / 10 kg body weight / day along with meal

USP :

1 Decreases uremic toxins

2 Prevents protein-energy wasting

3 Prevents renal function deterioration

4 Delays the need for RRT

5 Reduces proteinuria

6 Improves altered mineral metabolism

7 Improves quality of life

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