Malnutrition is accepted as a negative prognostic factor for dialysis patients. One marker for malnutrition is S-albumin and a large percentage of all hemodialysis patients are hypoalbuminemic. The mechanisms of hypoalbuminemia could be a loss of albumin through the dialysis membrane, problems in the gastrointestinal tract and an increased inflammatory state due to the underlying disease and the dialysis procedure per se. Several retrospective studies have also shown that a lowered S-albumin level correlates with increased mortality and morbidity in this group of patients. A study was performed recently at Johns Hopkins School of Medicine in Baltimore which shows that by supplementing the diet of hemodialysis patients with a composition of essential amino acids (Aminess N), S-albumin levels were increased.

Aminess N has historically been used to supplement very low protein diets. Gambro, Recip AB, and Johns Hopkins School of Medicine cooperated in a study at Johns Hopkins to further investigate aspects of Aminess N treatment in hemodialysis patients.


Essential Amino Acid Supplement

**Aminess N**

300 tablets

**Supplement Facts**

Serving size 1 Tablet.

**Amount per tablet:**
- Histidine 45 mg, Isoleucine 60 mg,
- Leucine 90 mg, Lysine acetate corr. to Lysine 65 mg,
- Methionine 90 mg, Phenylalanine 70 mg,
- Threonine 65 mg, Tryptophan 25 mg,
- Tyrosine 75 mg, Valine 135 mg.

Total 720 mg amino acids.

Other ingredients:
- Stearic acid, magnesium stearate, paraffin,
- hydroxypropylmethyl cellulose, talc and polyvidone.

**Directions for use:**
Ten Aminess N Tablets supply approximately the adult minimum daily requirement of all essential amino acids (including histidine).

The tablets are film-coated and easily swallowed with minimal fluid intake.