



E-gel: Each soft gelatin Capsule contains vitamin E 200 I.U. (as dl-alpha tocopheryl acetate USP).

E-gel DS: Each soft gelatin Capsule contains vitamin E 400 I.U. (as dl-alpha tocopheryl acetate USP).

Pharmacology

E-gel is a vitamin E preparation. Vitamin E acts as an antioxidant in the body. Vitamin E protects polyunsaturated fatty acids (which are components of cellular membrane) and other oxygen-sensitive substances such as vitamin A & vitamin C from oxidation. Vitamin E reacts with free radicals, which is the cause of oxidative damage to cell membranes, without the formation of another free radical in the process. The main pharmacological action of vitamin E in humans is its antioxidant effect. In premature neonates irritability, edema, thrombosis and hemolytic anemia may be caused due to vitamin E deficiency. Creatinuria, ceroid deposition, muscle weakness, decreased erythrocyte survival or increased in vitro hemolysis by oxidizing agents have been identified in adults and children with low serum tocopherol concentrations.

Indications

As a dietary supplement
Vitamin E deficiency resulting from impaired absorption
Premature ageing and lack of vitality
Heart conditions and circulatory disorders
Increased requirements due to diet rich in polyunsaturated fats
Sickle-cell anemia
Chronic cold
For healthy hair & skin
As an antioxidant
Infertility
Hemolytic anemia due to vitamin E deficiency

Therapeutic use

Heavy metal poisoning, Hepatotoxin poisoning, Hemolytic anemia,

Oxygen therapy and Replacement therapy in nutritional deficiency states for betterment of skin and hair.

Dosage and Administration

Betterment of Cardiovascular health: 400 I.U. - 800 I.U./day
Deficiency syndrome in adults: 200 I.U.- 400 I.U./day
Deficiency syndrome in children: 200 I.U./day
Thalassemia: 800 I.U./day
Sickle-cell anemia: 400 I.U./day
Betterment of Skin & Hair: 200 I.U. - 400 I.U./day (Topical use is also established for beautification)
Chronic cold in adults: 200 I.U./day

Contraindication

No known contraindications found.

Side Effects

Overdoses (>1000 I.U.) have been associated with minor side effects, including hypertension, fatigue, diarrhea and myopathy.

Drug Interactions

Vitamin E may impair the absorption of vitamin A. Vitamin K functions impairment happens at the level of prothrombin formation and potentiates the effect of Warfarin.

Use in Pregnancy & Lactation

Vitamin E is safe in pregnancy and lactation, when used as recommended doses. Higher doses are not established.

Use in Children

Vitamin E is safe for children.

Storage Requirement

Store at a cool and dry place, Protect from light and moisture.

How Supplied

E-gel: Each pack contains 10 x 10 capsules in blister pack.
E-gel DS: Each pack contains 5 x 10 capsules in blister pack.



Manufactured by :
RENATA LIMITED
Mirpur, Dhaka, Bangladesh
®
Trade Mark