# KRISHAT VITAMIN E 1000 CAPSULE (VITAMIN E CAPULES 1000 IU)

# **Composition:**

Each Soft-Gelatin Capsules contains: Vitamin E (Tocopheryl Acetate) BP-----1000 IU Excipients-----q.s.

Appropriate overages of vitamin is added to compensate for loss on storage.

Classification: Nutritive/Dietary Supplements

# **Pharmacological Actions:**

Vitamin E is a naturally occurring tissue anti-oxidant thereby maintaining healthy cells. Vitamin E protects Vitamin A and unsaturated fatty acids against oxidation in the body.

**Absorption:** 50 to 80% absorbed from gastrointestinal tract (duodenum); requires presence of bile salts, dietary fat, and normal pancreatic function for efficient absorption.

Protein-binding: Bound to beta lipoproteins in blood.

Storage: All body tissues, especially fatty tissues.

**Biotransformation:** Hepatic.

Elimination: Biliary/renal

### **Indications:**

### KRISHAT VITAMIN E 1000 CAPSULE indicated for;

- Therapeutic management of noctumal muscle cramps, intermittent claudication and fibrocystic breast disease.
- Reduction of risk of Coronary Artery Disease (CAD).
- > Vitamin E supplementation is also found to be beneficial in male infertility.
- Vitamin E supplementation is also indicated as a dietary supplement, in Malabsorption syndrome and in those who are on a diet rich in PUFA

# **Dosage & Directions:**

For oral administration only.

One soft gelatin capsule to be taken daily. Swallow the entire capsule whole with a full glass of water. Should be taken with food.

As directed by the Physician.

# **Adverse Effects:**

Vitamin E is usually well tolerated. Large doses may cause diarrhea, abdominal pain, gastrointestinal disturbances, headache, blurred vision, flu-like symptoms and breast enlargement in males and females, tiredness and weakness.

# Warnings & Precautions:

Vitamin E can inhibit platelet aggregation and antagonize Vitamin K-dependent clotting factors. As a result, taking large doses with anticoagulant or antiplatelet medications, such as warfarin can increase the risk of bleeding, especially in conjunction with low Vitamin K intake.

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People taking these and other medications such as simvastatin and niacin should discuss their Vitamin E intakes with their health care providers.

Patients undergoing Chemotherapy and radiotherapy should avoid the use of Vitamin E.

### **Interactions:**

**Dicumarol, Warfarin:** Concurrent use with any of these with Vitamin E may result in an increased risk of bleeding.

**Cholestyramine:** Concomitant administration of Cholestyramine resin and fat-soluble vitamins may cause malabsorption of these vitamins.

Colestipol: Concomitant use may result in decreased Vitamin E effectiveness.

**Orlistat:** Concomitant use may result in decreased Vitamin E efficacy.

**Phenprocoumon**: Vitamin E has been show to enhance the response to oral anticoagulants, perhaps due to an interference with the effect of vitamin K in clotting factor synthesis.

### Use in pregnancy and breastfeeding:

There is no evidence of the safety of high doses of vitamin E in pregnancy nor is there evidence from animal work that it is free from hazard, therefore do not use in pregnancy especially in the first trimester. No information is available on excretion in breast milk, therefore it is advisable not to use during lactation. Vitamin E is only recommended for use during pregnancy if clearly needed and then only when benefit outweighs risk.

#### **Overdosage:**

Vitamin E, if taken as a supplement, should be carefully monitored, If your doctor prescribes you vitamin E, make sure you follow the instructions he/she has prescribed. Immediate symptoms of vitamin E overdose are fatigue, weakness, nausea, headache, flatulence, abdominal pain and blurred vision. Consult a Physician immediately if you feel you may have taken to high dose of vitamin E. There is also a very small chance that you will have an allergic reaction to vitamin E supplements. General measure includes symptomatic & supportive.

#### Storage:

Store below 30°C, Protect from light and moisture. Keep all medicines out of reach of children.

**Presentation:** Blister pack of 10 Capsules **Pack sizes:** 3x10 Capsules

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#### Manufactured by:

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