CARTINEX





69

Reduce blood pressure and the inflammatory process associated with heart disease

Reverse the decline in brain function associated with Alzheimer's





CARTINEX

How it works

Carnitine plays a critical role in producing energy in the most natural way. It transports long-chain fatty acids into the mitochondria so they can be oxidized to produce energy.

Given these key functions, carnitine is concentrated in tissues like skeletal and cardiac muscle that utilize fatty acids as a dietary fuel.



Drug Information



Product name	Cartinex Capsule
ACTIVE INGREDIENT	Each tablet contains: L-Carnitine
APPEARANCE	White coated round tablet
DRUG CLASSIFICATION	OTC
EFFECT AND EFFICACY	 Primary and secondary Carnitine deficiency Ischemic heart disease metabolic disorders: angina, acute myocardial infarction
USAGE AND DOSAGE	Adult: Take 1 to 3 tablets, twice a day. Do not exceed 6 tablets a day. This drug should be administered according to age and symptoms.
PACING UNIT	90 tablets
STORAGE	Store in sealed shaded containers. Store in room temperature (between 1 \sim 30 $^{\circ}$ C)
VALIDITY	36 months from manufactured date

Drug Information

Mechanism of Action

L-carnitine is an amino Acid derived coenzyme that plays an essential role in fatty acid metabolism

Pharmacology Action

The transport of long chain fatty acid facilitates increase in energy production. Also, the liberation of CoA from carnitine acetyl transferase promotes pyruvate dehydrogenase activation. Therefore, it inhibits formation of lactic acid by promoting oxidation utilization of pyruvate acid. An ANT enzyme activity which catalyzes ADP-ATP exchange is inhibited within mitochondria when long chain acyl CoA is accumulated. The combination of L-Carnitine and acyl, acyl carnitine, increases ANT enzyme activity.



