

Composition : **Angicard** : Each Sublingual tablet contains Nitroglycerin USP 0.5mg.

Mechanism of Action : Nitroglycerin forms free radical nitric oxide which activates guanylate cyclase, resulting in an increase of guanosine 3, 5, monophosphate (cyclic GMP) in smooth muscle and other tissues. This eventually leads to dephosphorylation of the light chain of myosin, which regulates the contractile state in smooth muscle, resulting in vasodilatation.

Pharmacology : Nitroglycerin is rapidly absorbed following sublingual administration. Its onset of action is approximately one to three minutes. Significant pharmacological effects are present for 30 to 60 minutes following administration by the above route. Nitroglycerin is rapidly metabolized to dinitrates and mononitrates, with a short half-life. At plasma concentrations between 50 and 500 ng/ml, the binding of nitroglycerin to plasma proteins is approximately 60%.

Indications : **Angicard** is indicated for the acute relief of an attack or acute prophylaxis of angina pectoris due to coronary artery disease.

Dosage and administration : One tablet should be dissolved under the tongue at the first sign of an acute anginal attack. The dose may be repeated approximately every five minutes, until relief is obtained. Or, as directed by the registered physician.

Contraindications : Sublingual nitroglycerin therapy is contraindicated in patients with early myocardial infarction, severe anaemia, increased intracranial pressure and those with a known hypersensitivity to nitroglycerin.

Precautions : Only the smallest dose required for effective control of the acute anginal attack should be used. Excessive use may lead to the development of tolerance. The drug should be used cautiously in patients with volume depletion or low systolic blood pressure.

ANGICARD
Tablet



**DRUG
INTERNATIONAL
LTD.**

Side effects : Headache which may be severe and persistent may occur immediately after use. Vertigo, weakness, palpitation and other manifestations of postural hypotension may develop occasionally.

Use in Pregnancy and lactation : Nitroglycerin should be given to a pregnant woman only if clearly needed. It is not known whether nitroglycerin is excreted in human milk.

Use in Child : There is no data found.

Drug Interactions : Concomitant use of nitrates and alcohol may cause hypotension. Patients receiving antihypertensive drugs, beta-adrenergic blockers or phenothiazines and nitrates should be observed for possible additive hypotensive effects. Marked orthostatic hypotension has been reported when calcium channel blockers and organic nitrates were used concomitantly. Aspirin may decrease the clearance and enhance the haemodynamic effects of sublingual nitroglycerin.

Overdose : There is no data found.

Storage : Store below 30°C in a dry place.

Packing : Each box contains 3 x14's tablets in blister pack.