

NICORANDIL

Indications/Uses

Angina pectoris.

Dosage/Direction for Use

Adult : PO Initial: 10 mg bid. Dose can be increased up to 40 mg bid according to patient's response and tolerance. Max: 40 mg bid. In patients prone to headache: Initial: 5 mg bid.

Dosage Details

Oral

Angina pectoris

Adult: Initially, 10 mg bid. Dose can be increased up to 40 mg bid according to patient's response and tolerance. Max: 40 mg bid. In patients prone to headache: Initially, 5 mg bid.

Hepatic Impairment

Dose reduction may be necessary.

Administration

May be taken with or without food.

Contraindications

Cardiogenic shock; hypotension; left ventricular failure with low filling pressure; lactation.

Special Precautions

Hypovolaemia, low systolic BP, acute pulmonary oedema, pregnancy. May impair ability to drive or operate machinery.

Adverse Reactions

Headache (usually transitory), flushing, dizziness, nausea, vomiting and weakness. Hypotension and reflex tachycardia at high doses.

Drug Interactions

Hypotensive interaction may occur with alcohol, TCAs, antihypertensives and other vasodilators.

Potentially Fatal: Enhanced hypotensive effect with sildenafil and other phosphodiesterase type-5 inhibitors.

Action

Description: Nicorandil dilates arterioles and large coronary arteries by opening the potassium channels, and stimulates guanylate cyclase causing venous vasodilatation. It therefore reduces preload and afterload, and improves coronary blood flow.

Pharmacokinetics:

Absorption: Absorbed well from the GI tract (oral); peak plasma concentrations after 30-60 min.

Distribution: Protein-binding: Slightly bound.

Metabolism: Denitration.

Excretion: Via urine (as metabolites); 1 hr (elimination half-life).

MIMS Class

Anti-Anginal Drugs