

# Nexovas<sup>®</sup>

Cilnidipine INN



## Composition

Nexovas<sup>®</sup> 5: Each film coated tablet contains Cilnidipine INN 5 mg.

Nexovas<sup>®</sup> 10: Each film coated tablet contains Cilnidipine INN 10 mg.

## Description

Cilnidipine is a dihydropyridine (DHP) type of calcium channel antagonist which inhibits sympathetic N-type calcium channels in addition to vascular L-type calcium channels. The L-type Ca<sup>2+</sup> channel blockade by Cilnidipine affects predominantly vascular smooth muscle, thereby producing vasodilation of peripheral resistance vessels and coronary arteries. The blockade of N-type Ca<sup>2+</sup> channels effectively suppresses neurohumoral regulation in the cardiovascular system, including sympathetic nervous system and renin-angiotensin-aldosterone system. Thus, Cilnidipine can reduce various types of complications of hypertension.

## Indication

For the management of hypertension.

## Dosage & Administration

The recommended adult oral dosage is 5 -10 mg once daily. The dosage can be increased upto 20mg, if needed or as directed by the physician.

## Contraindications

Cardiogenic shock, recent MI or acute unstable angina, severe aortic stenosis.

## Side effects

Dizziness, flushing, headache, hypotension, peripheral edema, tachycardia, palpitations, GI disturbances, increased micturition frequency, lethargy, eye pain, depression, ischemic chest pain, cerebral or myocardial ischemia, transient, blindness, rashes, fever, abnormal liver function, gingival hyperplasia, myalgia, tremor, impotence.

## Precautions

Hypotension, poor cardiac reserve, heart failure. Sudden withdrawal may exacerbate angina. Discontinue in patients who experience ischemic pain following administration.

## Use in pregnancy & lactation

*Pregnancy:* No specific information about USFDA pregnancy category. Caution should be exercised during Cilnidipine use in pregnancy.

*Lactation:* Nursing mothers should consult a physician before taking Cilnidipine.

## Drug interactions

Other antihypertensive, aldesleukin, antipsychotics that cause hypotension, may modify insulin and glucose responses, quinidine, carbamazepine, phenytoin, rifampicin cimetidine & erythromycin.

## Overdose

Overdose of Cilnidipine may cause excessive reduction in blood pressure. If reduction in blood pressure is remarkable, appropriate measures such as lifting lower extremities, fluid therapy and administration of vasopressors should be taken.

## Supply

Nexovas<sup>®</sup> 5 : Each box contains 3X10's tablets in Alu-PVDC blister pack.

Nexovas<sup>®</sup> 10 : Each box contains 3X10's tablets in Alu-PVDC blister pack.

## Storage

Store at temperature not exceeding 30 °C in a dry place. Protect from light & moisture.

Medicine: Keep out of reach of children



Healthcare

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