



For Medical Professional only

Atlin

Tablet U.S.P
(Atenolol)
(Product Specs.: U.S.P.)

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COMPOSITION:

Each coated tablet contains 25mg, 50mg and 100mg of Atenolol U.S.P.

PHARMACOLOGICAL ACTIONS:

Atlin (Atenolol) is a cardioselective beta-blocking drug. It probably act by reducing cardiac rate and contractility, which makes it effective in eliminating or reducing the symptoms of patients with angina. As with other beta-blockers, its mode of action in the treatment of hypertension is unclear.

Atenolol is without ISA (Intrinsic Sympathomimetic Activity) and MSA (Membrane Stabilizing Activity), and has negative inotropic effect. Atenolol is effective for atleast 24 hours after a single oral daily dose. The simplicity of dosing facilitates compliance by its acceptability to patients.

INDICATIONS:

Atlin (Atenolol) is indicated for Hypertension, Angina Pectoris, and oral maintenance dosage for Arrhythmias after having controlled with i.v. Atenolol and is also recommended for long term prophylaxis of Myocardial Infarction.

DOSAGE AND ADMINISTRATION:

Hypertension: Most patients respond to 50-100mg daily given orally as a single oral dose. The effect will be fully established in 1-2 weeks. A further reduction in blood pressure may be achieved by combining with other antihypertensive drugs specially diuretics.

Angina: Most patients with angina will respond to 100mg daily as a single dose or 50mg given twice daily.

Arrhythmias: Having controlled arrhythmias with i.v. Atenolol, a suitable oral maintenance dosage is 50-100mg daily, given as a single dose.

Myocardial Infarction: For patients who present some days after suffering an acute Myocardial Infarction, an oral dose of 100mg daily is recommended for long term prophylaxis of Myocardial Infarction.

Children: It is not recommended for children.

CONTRAINDICATIONS:

Atlin is contraindicated with known hypersensitivity to the substances, bradycardia, cardiogenic shock, hypotension, metabolic acidosis, severe peripheral arterial circulatory disturbances, second or third degree heart block, sick sinus syndrome, untreated phaeochromocytoma and uncontrolled heart failure.

PRECAUTION:

Atlin should be withheld in cases of untreated heart failure, till the failure has been brought under control. If congestive heart failure occurs during treatment with Atlin the drug may be temporarily withdrawn until the failure has been controlled. Atlin acts preferentially and selectively on cardiac beta 1-receptors, so it can be used in cases of chronic obstructive respiratory diseases. However increase in airways resistance may be incited in asthmatics, in such cases

bronchospasm is usually reversed by the bronchodilator e.g. salbutamol (an isoprenaline).

In case of IHD (ischaemic Heart Diseases) treatment should not be discontinued abruptly. If Atlin is given simultaneously with clonidine, then clonidine should not be withdrawn until one week after Atlin withdrawal.

ANAESTHESIA:

It is preferable to withdraw Atlin 48 hours before surgery. If the treatment is to be continued then necessary precautions must be taken.

RENAL FAILURE:

Atlin is excreted through kidney, so in case of severe renal impairment dosage should be reduced.

DRUG INTERACTIONS:

Combined use of beta-blockers and calcium antagonists with negative inotropic effects e.g. verapamil, diltiazem can lead to an exaggeration of these effects particularly in-patients with impaired ventricular function and/or Sino-Atrial or Atrio-ventricular conduction abnormalities. Use with nifedipine may increase the risk of hypotension, and cardiac failure, with digoxin Atrio-ventricular conduction time may increase. Sympathomimetic drugs may counteract the effects of beta-blockers. Caution must be exercised when prescribing beta-blockers with class 1 anti-arrhythmic and anaesthetic agents.

PREGNANCY & LACTATION:

Atlin crosses placental barrier and appears in cord blood. Thus the use of Atlin in women who may become pregnant requires that the anticipated benefit may be weighted against the possible risks, particularly in the first and second trimesters. In lactation caution should be exercised when Atlin should be administered to a nursing women.

SIDE-EFFECTS:

Cold extremities, muscular fatigue and in isolated cases bradycardia. Sleep disturbances similar to other beta-blockers have rarely been noticed. There have been reports of skin rashes and/or dry eyes associated with beta-blocking drugs. The drug should be discontinued in such cases.

OVERDOSAGE:

Excessive bradycardia may be countered by atropine 1-2mg intravenously, to be supplemented by beta stimulant (Isoprenaline 25mg or orciprenaline 0.5mg). Caution should be exercised by not allowing the blood pressure to fall too low if dose of beta-blockers has to increase.

STORAGE:

Atlin Tablets should be stored below 30°C, protected from light and moisture.

PRESENTATION:

Atlin Tablets 25mg, 50mg and 100mg in blister packs of 2 x 10's.

ہدایات :-

روشنی اور نمی سے محفوظ ۳۰ ڈگری سینٹی گریڈ سے کم درجہ حرارت پر رکھیں۔

بچوں کی پہنچ سے دور رکھیں۔

ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔

انتباہ : صرف رجسٹرڈ میڈیکل پریکٹیشنر کے نسخے پر فروخت کے لئے۔



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