

## BETACARD AM

**For the use of a Registered Medical Practitioner or a Hospital or a Laboratory Only**

Abbreviated Prescribing information for **BETACARD AM** [Atenolol 50mg and Amlodipine 5mg uncoated bi-layered tablet] [Please refer the complete prescribing information available at [www.torrentpharma.com](http://www.torrentpharma.com)]

**PHARMACOLOGICAL PROPERTIES:** **Atenolol:** It is  $\beta_1$  selective (cardioselective) betaadrenergic receptor blocking agent without membrane stabilizing or intrinsic sympathomimetic (partial agonist) activities. **Amlodipine:** Amlodipine is a dihydropyridine calcium antagonist (calcium ion antagonist or slow channel blocker) that inhibits the transmembrane influx of calcium ions into vascular smooth muscle and cardiac muscle.

**INDICATION:** Indicated for the treatment of moderate to severe hypertension and all grades of angina, unresponsive to atenolol or amlodipine monotherapy.

**DOSAGE AND ADMINISTRATION:** The usual starting dose of atenolol and amlodipine is 1 tablet once daily with a maximum dose of two tablets once daily.

**CONTRAINDICATION:** Contraindicated in patients who are hypersensitive to atenolol or amlodipine. **Atenolol:** Contraindicated in patients who have sinus bradycardia, heart block greater than first degree, cardiogenic shock, overt cardiac failure and metabolic acidosis.

**Amlodipine:** contraindicated in nursing mothers, pediatrics and severe hepatic impairment.

**WARNINGS & PRECAUTIONS:** **Atenolol:** Caution must be exercised with the use of atenolol in patients with: asthma, bronchitis, chronic respiratory disease, and bradycardia of less than 50 beats/min, peripheral vascular disease and Raynauds syndrome. **Amlodipine:** calcium channel blockers should be used with caution in patients with heart failure.

**DRUG INTERACTIONS:** **Atenolol:** Nifedipine, nicardipine, verapamil, hydrochlorothiazide, ampicillin, antipyrine, indomethacin, calcium salts and verapamil. **Amlodipine:** digoxin, phenytoin, warfarin, cimetidine, long-acting nitrates, sublingual nitroglycerin, non-steroidal anti-inflammatory drugs, antibiotics, and oral hypoglycemic drugs.

**ADVERSE REACTIONS:** **Atenolol:** heart failure, heart block, bronchospasm, fatigue, coldness of extremities. **Amlodipine:** headache, flushing, hypotension, nausea, abdominal pain, edema/swelling, palpitation, back pain, dizziness, cough, asthenia or fatigue, rash, angioedema, first dose hypotension, transient elevation of liver transaminases and hyperkalaemia.

### MARKETED BY:



TORRENT PHARMACEUTICALS LTD.

Torrent House, Off Ashram Road,

Ahmedabad-380 009, INDIA

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(Additional information is available on request)