

Amlodipine

(Amodip (c), Amlodipine*, Istin*) POM-V, POM

- **Client Information Leaflet:** [Amlodipine](#)
- **Formulations**

Oral: 1.25 mg chewable tablets (Amodip); 5 mg, 10 mg tablets; 1 mg/ml, 2 mg/ml sugar-free solutions. Special reformulations available: 0.3125 mg tablets; 12.5 mg/ml transdermal gel. **VSP**

- **Action**

Calcium-channel antagonist, with predominant action affecting peripheral arteriolar vasculature, causing vasodilation and reducing afterload. Has mild negative inotropic and chronotropic effects, which are negligible at therapeutic doses.

- **Use**

- Treatment of systemic hypertension in cats (appears to be safe even with concurrent renal failure).
- Treatment of systemic hypertension in dogs (evidence for efficacy is not well established).
- It has also been shown to decrease proteinuria in cats with systemic hypertension.

When used as a single agent in dogs, may increase renin–angiotensin–aldosterone system activity – concurrent use of an ACE inhibitor should be considered. Amlodipine is metabolized in the liver and dosage should be reduced in animals with hepatic dysfunction.

- **DOSES**

- **Dogs** Initial dose 0.05–0.1 mg/kg p.o. q12–24h. The dose may be titrated upwards weekly as required, up to 0.5 mg/kg, monitoring blood pressure regularly.
- **Cats** 0.625–1.25 mg/cat p.o. q24h. The dose may be increased slowly or the frequency increased to q12h if necessary. Blood pressure monitoring is essential.