Sotalol

(Sotacor*, Sotalol*) POM

- **Client Information Leaflet: Sotalol**
- **Formulations**

Oral: 40 mg, 80 mg, 160 mg, 200 mg tablets. Injectable: 10 mg/ml solution. Special reformulations available: 10 mg, 30 mg tablets.**VSP**

- **Action**

Produces a prolongation of action potential duration and refractory period via selective inhibition of potassium channels (Class III antiarrhythmic). Also has non-selective beta-adrenergic blocking effects, but considered a weak beta blocker.

- **Use**
    - Treatment of ventricular arrhythmias, less so supraventricular arrhythmia (most associated with accessory pathway). Used most commonly in dogs with ventricular arrhythmias secondary to myocardial disease.

The beta-blocking activity is about one-third of that of propranolol. Preferable to assess efficacy with repeated Holter ECG monitoring. Can be used successfully in combination with mexilitine for severe ventricular arrhythmia. Use with caution in patients with renal failure or medically controlled CHF.

- **DOSES**
    - **Dogs** 0.5–3 mg/kg p.o. q12h. Start with lower doses if myocardial function is reduced. Anecdotal doses starting at 0.5 mg/kg i.v. given over 2 min, up to 3 times (to a total dose of 1.5 mg/kg i.v.).
    - **Cats** 10–20 mg/cat p.o. q12h.