

Dantrolene

(Dantrium*) POM

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

Oral: 25 mg, 100 mg capsules. Injectable: Vials of 20 mg dantrolene powder + 3 g mannitol + sodium hydroxide for reconstitution.

- **Action**

Uncouples the excitation contraction process by preventing the release of calcium ions from the sarcoplasmic reticulum in striated muscle. As vascular smooth muscle and cardiac muscle are not primarily dependent on calcium release for contraction they are not usually affected.

- **Use**

- Management of muscle spasms (e.g. urethral muscle spasm, tetanus).
- Prevention (oral) or treatment (i.v.) of malignant hyperthermia.

Each vial should be reconstituted with 60 ml of water. Before administration, the solution must be clear and without visible particles.

- **DOSES**

- **Dogs, Cats**
 - Malignant hyperthermia: 2–5 mg/kg i.v.
 - Other indications: 0.5–2 mg/kg p.o. q12h.