



## The SmartPak Pharmacy Equine Product Information Sheet

### Marquis® Antiprotozoal Oral Paste

**Common Drug Name** – Ponazuril

**How Supplied by SmartPak** – Marquis is supplied in ready-to-use syringes containing 127grams of paste. Each gram of paste contains 150mg ponazuril (15% w/w). One carton contains four (4) X 127 gram syringe applicators and one reusable syringe plunger.

**Category** – Ponazuril is an anticoccidial (antiprotozoal) compound.

**Caution** - Federal law restricts this drug to use by or on the order of a licensed veterinarian.

**Indications (Uses)** – Marquis is for the treatment of equine protozoal myeloencephalitis (EPM) caused by *Sarcocystis neurona*.

**Dosage and Administration** – Marquis is to be used at a dose of 5mg/kg (2.27mg/lb) body weight once daily for a period of 28 days.

Before administration, the syringe barrel and plunger require assembly. Ensure plunger is clean and dry.

Step 1. End cap must be on syringe barrel when inserting plunger.

Step 2. Carefully insert reusable plunger into base of syringe barrel until it snaps into place, then remove end cap and gently apply pressure to the plunger until paste is seen at the tip of the syringe barrel.

Step 3. Return end cap to tip of paste syringe.

NOTE: The paste syringe is a multi-dose package. Ensure that the correct dose is administered with each use.

Step 1. Remove end cap and gently apply pressure to the plunger until paste is seen at

the tip of the syringe barrel. Return end cap to tip of paste syringe.

Step 2. Determine weight of horse and ensure horse's mouth contains no feed.

Step 3. To measure dose, dosage ring collar and barrel collar should be flush. Hold plunger and rotate dosage ring with the other hand to the weight of the horse.

Step 4. Remove end cap from tip of syringe barrel.

Step 5. The selected dose of paste should be deposited onto the back and top of the horse's tongue. Introduce tip of paste syringe into the side of the horse's mouth at the space between the front and back teeth.

Deposit paste on the horse's tongue by depressing the plunger of the syringe as far as the dose ring permits. Remove tip of syringe from horse's mouth.

Step 6. To aid swallowing of paste, immediately raise horse's head for a few seconds after dosing.

Step 7. Clean the tip of the syringe with a clean disposable towel and return end cap to tip of syringe barrel. NOTE: At the end of the prescribed treatment period, partially used syringes should be discarded.

**Precautions** – Prior to treatment, EPM should be distinguished from other diseases that may cause ataxia in horses. Injuries or lameness may also complicate the evaluation of an animal with EPM. In most instances, ataxia due to EPM is asymmetrical and affects the hind limbs. Clinicians should recognize that clearance of the parasite by Ponazuril may not completely resolve the clinical signs attributed to the natural progression of the disease. The prognosis for animals treated for EPM may be depended upon the severity of disease and the duration of the infection prior to treatment. The safe use of Marquis in horses used for breeding purposes, during

pregnancy, or in lactating mares has not been evaluated.

**Adverse Reactions** – In the field study, eight animals were noted to have unusual daily observations. Two horses exhibited blisters on the nose and mouth at some point in the field study, three animals showed a skin rash or hives for up to 18 days, one animal had loose stools throughout the treatment period, one had a mild colic on one day and one animal had a seizure while on medication. The association of these reactions to treatment was not established.

**Human Warning** – Not for human use. Keep out of reach of children.

**Warning** –Do not use in horses intended for human consumption.

**Storage Conditions:** Store at controlled room temperature 59 – 86F.

**Manufactured by:**  
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