

Notification of Impending Regulation Changes

Veterinarians are reminded that results of corticosteroid analyses related to administrations to clinical cases can be found at: <http://khrc.ky.gov/Documents/CCS%20analyses%20clinical%20admins.pdf>

Further, the KHRC has extended the period for funding for the analysis of samples derived from horses administered corticosteroids. Those unfamiliar with the program may contact Dr. Will Farmer at (859) 967-8894 or Dr. Mary Scollay at (859) 489-7677 for information.

Please be advised that the following Medication; Penalty; and Thresholds and Withdrawal Guidelines Regulations changes have been filed, and will go into effect on January 4, 2016.

Albuterol

- Regulatory threshold of 1 ng/ml in urine
- Withdrawal guidance of 72 hours, dosing of up to 720 mcg administered via inhalation no more than 4 times per day.

Betamethasone

- Clarification of withdrawal guidance as follows:
9 mg in a single joint space of 1:1 suspension of betamethasone acetate to betamethasone sodium phosphate. Withdrawal time should be increased for use of betamethasone products with a ratio of > 1:1 betamethasone acetate to betamethasone sodium phosphate.

Cobalt

- Regulatory threshold of 25 ppb in serum
- There is a tiered penalty schedule as follows:
Cobalt serum concentrations >25 ppb and • 50 ppb, for a first offense the trainer incurs a penalty ranging from written warning up to \$500 fine AND horse is placed on the Veterinarian's List until its serum concentration of cobalt is below 25 ppb.

Cobalt serum concentrations > 50 ppb, for a first offense the trainer incurs a 30-60 day suspension and a fine of \$500-\$ 1,500. The horse is disqualified and purse monies earned redistributed. The horse is placed on the Veterinarian's List until its serum concentration of cobalt is below 25 ppb.

Flunixin

- When flunixin is selected as the single NSAID to be administered between 24 and 48 hours prior to race, withdrawal guidance for a single intravenous injection of 1.1 mg/kg is recommended at 32 hours.

Gamma amino butyric acid (GABA)

- Regulatory threshold of 110 ng/ml in serum

Isoflupredone

- Regulatory threshold of 100 pg/ml in serum
- Withdrawal guidance of 7 days for 20 mg in a single joint space or 10 mg subcutaneous

Ketoprofen

- Primary threshold revised to 2 ng/ml in serum. This revision from 10 ng to 2 ng/ml in serum is based on the development of more sensitive testing methods than were used in the original administration study. It remains permissive of a single intravenous dose of 2.2 mg/kg no later than 24 hours prior to post time for the race in which the horse is entered.
- Secondary threshold established at 1 ng/ml in serum

Methylprednisolone

- Clarification of withdrawal guidance as follows:
7 days for <<100 mg in a single joint space. Note: Intramuscular administration is associated with substantially longer withdrawal times and is not recommended.
The RMTC study administered 100 mg to a single joint. Concentration in 2 of the 16 study horses did not fall below 100pg/ml in serum until 10 days post administration. The 95/95 Tolerance Interval, when applied to these data resulted in withdrawal guidance of 30 days for a single intra-articular 100 mg dose.

Phenylbutazone

- The secondary threshold has been amended to .3 mcg/ml in serum in support of administration no closer than 48 hours to a race. This revision is based on application of the 95/95 tolerance interval—the statistical method utilized by the RMTC for determining threshold and withdrawal guidance for therapeutic medications—to existing administration study data. This change does not require veterinarians to alter their administration protocols.
- The primary threshold of 2 mcg/ml in serum is unchanged.