

## Virginia Racing Commission Medication Synopsis – April 2016

1. Furosemide is the only medication permitted within the 24-hour period prior to post and must be administered IV only to listed horses, no later than 4 hours prior to post (3 hours at designated ship-in meets only) on the grounds of the racetrack, by the Lasix veterinarian ;
2. The minimum dosage of furosemide is 3 ml (2 ml at designated ship-in meets);
3. Private veterinarians are prohibited from contact with a horse on race day, prior to post;

30 controlled therapeutic medications, with laboratory thresholds and withdrawal guidelines are listed below (note the recommendation for methylprednisolone has been changed to reflect more recent information):

<u>Drug</u>	<u>Dose/Route</u>	<u>Withdrawal</u>	<u>Threshold</u>
Acepromazine	0.05 mg/kg IV	48 hours	10 ng/ml urine
Albuterol	720 mcg Intra-Nasal qid	72 hours	1 ng/ml urine
Betamethasone (IA only)	9 mg – 1 joint	7 days	10 pg/ml plasma
Butorphanol	0.1 mg/kg IV	48 hours	2 ng/ml plasma
Cetirizine*	0.4 mg/kg bid	48 hours	6 ng/ml plasma
*Do not administer ivermectin w/l 24 hours if using cetirizine			
Cimetidine	20 mg/kg bid	24 hours	400 ng/ml plasma
Clenbuterol	0.8 mcg/kg PO bid	14 days	LOD plasma
Dantrolene	500 mg PO	48 hours	100 pg/ml plasma
Detomidine	40 mcg/kg PO	72 hours	LOD plasma
Dexamethasone	0.05 mg/kg IV, IM, PO	72 hours	5 pg/ml plasma
Diclofenac (topical)	5" ribbon topically	48 hours	5 ng/ml plasma
DMSO	50 ml IV	48 hours	10 mcg/ml plasma
Firocoxib	0.1 mg/kg PO x 4d	14 days	20 ng/ml plasma
Flunixin	1.1 mg/kg IV	32 hours	20 ng/ml plasma
Furosemide	500 mg IV	3 hours	100 ng/ml plasma
Glycopyrrolate	1 mg total IV	48 hours	3 pg/ml plasma
Guaifenesin	2 gm PO bid	48 hours	12 ng/ml plasma
Isoflupredone	10 mg SQ; 20 mg IA	7 days	100 pg/ml plasma
Ketoprofen	2.2 mg/kg IV	24 hours	2 ng/ml plasma
Lidocaine	200 mg total SQ	72 hours	20 pg/ml plasma
Mepivacaine	0.07 mg/kg SQ	72 hours	LOD plasma
Methocarbamol	15 mg/kg IV; 5 g PO	48 hours	1 ng/ml plasma
Methylprednisolone** (IA)	100 mg – 1 joint	*	100 pg/ml plasma
**Methylprednisolone should not be used, or if used the trainer should have the horse tested at his expense prior to entry to ensure the serum concentration is below the regulatory limit.			
Omeprazole	2.2 g PO	24 hours	10 ng/ml urine
Phenylbutazone (IV only)	4.0 mg/kg IV	24 hours	2 mcg/ml plasma
Prednisolone	1 mg/kg PO	48 hours	1 ng/ml plasma
Procaine Penicillin***	IM	30 days**	25 ng/ml plasma
***Use within 30 days must be reported to the racing commission, and the horse must be kept under security guard surveillance/quarantine for 6 hours prior to post, at trainer's expense.			
Ranitidine	8 mg/kg bid	24 hours	40 ng/ml plasma
Triamcinolone Acetonide (IA)	9 mg – IA 1 joint	7 days	100 pg/ml plasma
Xylazine	200 mg IV	48 hours	200 pg/ml plasma

LOD = level of detection

## Cobalt Regulation:

The RMTC has recommended a tiered penalty structure:

- For horses testing above 25 nanograms of cobalt per mL of serum/plasma, but below 50 nanograms of cobalt per mL of serum plasma:
  - First offense – trainer will receive a fine or a warning
  - Horse will remain on the Veterinarian's List until it tests below 25 nanograms/mL (this testing is performed at owner/trainer's expense)
- For horses testing above 50 nanograms of cobalt per mL of serum/plasma:
  - Class B penalty (RCI Model Rule for a first offense)
    - fine (\$500-\$1,000)
    - suspension (15-60 days)
    - loss of purse
  - Horse will remain on the Veterinarian's List until it tests below 25 nanograms/mL (This testing is at owner/trainer's expense)