

**BEFORE THE PENNSYLVANIA
STATE HORSE RACING COMMISSION**

IN RE: :
SCHEDULE OF THERAPEUTIC :
MEDICATIONS : **Administrative Docket 2018-4**
(STANDARD BRED HORSE RACING ONLY) :

ORDER

AND NOW, this 27th day of February, 2018, in accordance with its general authority and jurisdiction over pari-mutuel racing activities, its authority under §9311(h) of the Racing Act to adopt temporary regulations, and its authority under §9312 (6)(i) of the Racing Act to adopt national standards from other racing jurisdictions regarding uniform drug threshold levels, the Commission hereby adopts the Schedule of Therapeutic Medications established by the Racing Medication & Testing Consortium (RMTC) as more full set forth in the Attached Annex A. This Order and the Annex A shall be published in the Pennsylvania Bulletin and shall be posted on the Commission's website.

**BY THE PENNSYLVANIA
STATE HORSE RACING COMMISSION:**



Russell C. Redding, Chairman

Annex A

PENNSYLVANIA DEPARTMENT OF AGRICULTURE STATE HORSE RACING COMMISSION

(Standardbred horse racing only)

CONTROLLED THERAPEUTIC MEDICATIONS

<i>Substance</i>	<i>Threshold</i>	<i>Route of Administration</i>	<i>Experimental Administration Dosage</i>
Acepromazine	HEPS — 10 ng/mL of urine	Intravenous	0.05 mg/kg
Albuterol	1 ng/mL of urine	Intra-nasal ¹	720 mcg total dose
Betamethasone	10 pg/mL in plasma or serum	Intra-articular as betamethasone acetate and betamethasone sodium phosphate	9 mg total in one articular space
Butorphanol	Free butorphanol - 2 ng/mL of plasma, or Total butorphanol — 300 ng/mL of urine.	Intravenous	0.1 mg/kg
Cetirizine	6 ng/mL of plasma/serum	Orally	0.4 mg/kg twice daily for 5 doses
Cimetidine	400 ng/mL of plasma or serum	Orally	20 mg/kg twice daily for 7 doses
Clenbuterol ²	900 pg/mL of urine or LOD in plasma	Orally	0.8 mcg/kg
Dantrolene	5-OH dantrolene - 0.1 ng/mL of plasma or serum	Orally	500 mg total dose
Detomidine	1 ng/mL in plasma or serum, 2 ng/mL of carboxydetomidine in urine	Intravenous	5 mg/kg
Dexamethasone	5 pg/mL of plasma or serum	Oral, Intravenous, intramuscular	0.05 mg/kg

¹ Note: Administration of albuterol other than via intra-nasal routes is not recommended.

² Note: The specific withdrawal time for Clenbuterol for Standardbred horses shall be 96 hours.

Diclofenac	5 ng/mL of plasma or serum	Systemic	5" ribbon of Surpass every 12 hours to one site
DMSO	10 mcg/mL of plasma or serum	Topical	Up to two ounces
Firocoxib	20 ng/mL of plasma or serum	Orally	0.1 mg/kg for 4 days
Flunixin	20 ng/mL of plasma or serum	Intravenous	1.1 mg/kg
Furosemide	100 ng/mL in blood and urine specific gravity < 1.010	Intravenous	500 mg total dose
Glycopyrrolate	3 pg/mL of plasma or serum	Intravenous	1 mg total dose
Guaifenesin	12 ng/mL of plasma or serum	Orally	2 g twice daily for 5 doses
Isoflupredone	100 pg/mL of serum or plasma	Subcutaneous or Intra-articular administration of isoflupredone acetate	10 mg total dose subcutaneous or 20 mg total dose in one articular space
Ketoprofen	10 ng/mL of plasma or serum	Intravenous	2.2 mg/kg
Lidocaine	20 pg/mL of total 3OH-lidocaine in plasma	Subcutaneous	200 mg of total dose
Mepivacaine	3-OH-mepivacaine – 10 ng/mL in urine or mepivacaine at LOD in plasma or serum	Subcutaneous — distal limb	0.07 mg/kg
Methocarbamol	1 ng/mL of plasma or serum	Intravenous ³	15 mg/kg IV, 5 g oral
Methylprednisolone	100 pg/mL in plasma or serum	Intra-articular as 3methylprednisolone acetate	100 mg total in one articular space ⁴
Omeprazole	omeprazole sulfide – 10 ng/mL in serum/plasma	Orally	2.2 grams once daily for 4 days
Phenylbutazone	2 mcg/mL of plasma or serum	Intravenous	4.0 mg/kg

³ An oral dose may be utilized but longer withdrawal time may be required to fall below the threshold. Trainers using methocarbamol orally for multiple days are encouraged to have the horse tested prior to entry.

⁴ At the 100 mg experimental dose, the safe time for administration to fall below the 100 pg/mL threshold was 21 days – a smaller dose may be utilized which may allow plasma concentrations to fall below the threshold in fewer than 21 days.

Prednisolone	1 ng/mL of plasma or serum	Orally	1 mg/kg
Procaine penicillin ⁵	25 ng/mL of plasma	Intra-muscular	17 mg/kg
Ranitidine	40 ng/mL of plasma or serum	Orally	8 mg/kg twice daily for 7 doses
Triamcinolone acetone	100 pg/mL of plasma or serum	Intra-muscular	9 mg total in one articular space
Xylazine	0.01 ng/mL of plasma	Intravenous	200mg

Please Note: The Commission did not adopt any withdrawal times related to the enumerated therapeutic medications and the threshold levels. The information on the Schedule does not constitute a guarantee, warranty or assurance that the use of any therapeutic medications at the dosages listed will not result in a positive-race test. Owners, trainers or any other persons responsible for the care, custody and control of a racehorse are strongly encouraged to seek the advice of their respective Veterinarians regarding the use of therapeutic medications.

⁵ Requires: 1. Mandatory notification of procaine penicillin administration and 2. Mandatory surveillance at the horse owner's expense for 6 hours before racing. Contact your local racing jurisdiction for specific procedures.