

# NATIONAL CUTTING HORSE ASSOCIATION

## PERMITTED MEDICATION DOSE AND TIME RECOMMENDATIONS BASED ON 1000 LB HORSE

Rev 6/29/16

For detailed information about allowable therapeutic dosage amounts please refer to the complete Guidelines listed in the NCHA Rulebook. It will be considered a rule violation if blood samples contain more than ONE of the permitted Non steroidal anti-inflammatory drugs (NSAIDs) that are listed below. The exception is Diclofenac (Surpass) topical which may be combined with one other systemic NSAID listed below under Permitted Medications.

MEDICATION GENERIC NAME	MEDICATION TRADE NAME	MAXIMUM DAILY DOSAGE FOR 1000 LB HORSE (Please measure or weigh each horse)	ADMINISTRATION METHOD	FREQUENCY	CLINICAL USE	WITHDRAWAL
NSAID'S		<i>All NSAID's can be given orally at 12 hours before competition. It is strongly recommended that NSAIDs and dexamethasone administered 6 hours prior to competition be given IV (or IM if appropriate). Significant variations in plasma levels of oral medications have been reported.</i>				
PHENYLBUTAZONE (BUTE)	BUTAZOLIDIN	Maximum Daily Dose - Do Not Use for more than 5 Days 2.0 grams = 10.0 cc of injectable or 2 X 1.0 gram tablets or 2 X 1.0 gram units of paste	ORAL/IV	ONCE DAILY	NSAID	ORAL 12 HOURS IV 6 HOURS
		Twice Daily - 12 Hours apart - Do Not Use for more than 5 Days 1.0 gram = 5.0 cc of injectable or 1 X 1.0 gram tablets or 1 X 1.0 gram units of paste	ORAL/IV	TWICE DAILY	NSAID	ORAL 12 HOURS IV 6 HOURS
FIROCOXIB*	EQUIOXX®	Do Not Use for more than 14 Days 45.5 mg of paste = 4/5 tube of oral paste or 2 ml. injectable solution.	ORAL/IV	ONCE DAILY	NSAID	ORAL 12 HOURS IV 6 HOURS
If using Firocoxib/Equioxx withdraw 7 days prior to showing if you plan to use a different NSAID to avoid stacking. Canine previcox has not been tested for acceptable thresholds in horses and could result in a positive test.						
FLUNIXIN MEGLUMINE	BANAMINE	Maximum Daily Dose - Do Not Use for more than 5 Days 10.0 cc of injectable ( 50 mg/ml) 2 X 250 mg packets of granules or 1 X 500 mg of granules or 500 mg of oral paste	ORAL/IV	ONCE DAILY	NSAID	ORAL 12 HOURS IV 6 HOURS
KETOPROFEN	KETOFEN	Maximum Daily Dose - Do Not Use for more than 5 Days 1.0 gram = 10.0 cc of injectable	IV	ONCE DAILY	NSAID	IV 6 HOURS
NAPROXEN	EQUIPROXEN/ NAPROSYN	Maximum Daily Dose - Do Not Use for more than 5 Days 4.0 grams = 8 X 500 mg tablets	ORAL	ONCE DAILY	NSAID	ORAL 12 HOURS

\* USE ONLY ONE NSAID

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<b>NSAID'S</b>						
<b>MECLOFENAMIC ACID</b>	ARQUEL®	Twice Daily - 12 Hours apart - Do Not Use for more than 5 Days 500 mg packet of granules we currently list the 500 mg as a Daily dose on this sheet but Rulebook says 12 hour	ORAL	ONCE DAILY	NSAID	ORAL 12 HOURS
<b>DICLOFENAC</b> May be combined with one other permitted systemic NSAID	SURPASS®	Twice Daily - 12 Hours apart - Do Not Use for more than 10 Days 73 mg = 5-inch X 1/2 inch ribbon No other topical No open wound	TOPICAL	TWICE DAILY	NSAID	Topical 6 HOURS
<b>ADMINISTRATION OF MORE THAN ONE (1) NSAID IS PROHIBITED</b>		<b>To avoid detection of more than one NSAID: Only a single NSAID should be administered within 72 hours of showing.</b>	<b>Also Avoid using topicals or compounds with NSAID's</b>			
To avoid <u>single NSAID</u> overage, do not administer more than the dosage indicated above and not more frequently than 24 hours apart but at least 6 hours prior to showing. To avoid detection of more than one NSAID: Only a single NSAID should be administered within 72 hours of showing and avoid topicals and compounds.						
<b>Therapeutic Medications</b>						
<b>METHOCARBAMOL</b>	ROBAXIN®	Twice Daily - 12 Hours apart - Do Not Use for more than 5 Days 5.0 grams = 10 X 500 mg tablets or 50 cc of injectable	ORAL/IV	TWICE DAILY	MUSCLE RELAXATION	ORAL 12 HOURS IV 6 HOURS
<b>ACETAZOLAMIDE</b>		May only be administered to horses documented through DNA testing to be positive for N/H, H/H or HYPP 3 grams	ORAL	ONCE DAILY	HYPP Horses only	ORAL 6 HOURS
<b>FUROSEMIDE</b>	SALIX LASIX	Rulebook does not have concentrations or other info, just says "Must be administered intravenously at least four hours prior to competition 500 mg = 5cc (100mg/ml)	IV	ONCE DAILY	DIURETIC for Pulmonary Bleeders	IV 4 HOURS

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<b>Therapeutic Medications</b>						
<b>ISOXSUPRINE</b>	VASODILAN®	Maximum Daily Dose -Usually divided in 2 equal doses given 12 hours apart 1,600 mg = 80 X 20mg tablet	ORAL	TWICE DAILY	NAVICULAR & Hoof Circulation	ORAL 6 HOURS
<b>DEXAMETHASONE</b>		Maximum Daily Dose or 1/2 dose with 6 hour withdrawal. Do Not Use for more than 5 Days 20.0 mg = 10.0 cc (Max Dose) of the injectable solution (2.0 mg/ml)	IV	ONCE DAILY	CORTICO- STEROID	1/2 DOSE 6 HOURS FULL DOES 12 HOURS
	AZIUM®	10 mg = 1 pkt dexamethasone powder	ORAL	ONCE DAILY	CORTICO- STEROID	ORAL 12 HOURS
<b>VENTIPULMIN SYRUP ®</b>		5 mg = 5 cc or less	IM or ORAL	TWICE DAILY	BRONCHO- DILATOR & ANHIDROSIS	IM/ORAL 6 HOURS
<b>ACEPROMAZINE</b> ***Medication Report Required***	PROMACE®	Maximum single dose 5mg = .5ml (1/2 cc)	ORAL/IV/IM	ONCE DAILY	SEDATION	ORAL, IV, IM 1 HOUR

<b>conditionally permitted - corticosteroids</b>						
<b>Betamethasone</b>		Used as directed on medication package insert for dose and weight.	<b>Medication Report Required if used within 7 days of competition.</b>			
<b>Celestone</b>		Used as directed on medication package insert for dose and weight.	<b>Medication Report Required if used within 7 days of competition.</b>			
<b>Methylprednisolone</b>		Used as directed on medication package insert for dose and weight.	<b>Medication Report Required if used within 7 days of competition.</b>			
<b>Prednisolone</b>		Used as directed on medication package insert for dose and weight.	<b>Medication Report Required if used within 7 days of competition.</b>			
<b>Triamcinolone</b>		Used as directed on medication package insert for dose and weight.	<b>Medication Report Required if used within 7 days of competition.</b>			

**non-prescription**

<b>NON PRESCRIPTION</b>	Non-prescription medicinal, herbal and nutritional preparations, compounds, tonics, pastes and supplements should be used cautiously, as the ingredients and quantitative analysis of the products might not be known and could contain a forbidden or high level of substances or other substances that could that would show up in plasma samples and result in a positive test.
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**PROHIBITED SUBSTANCES**

<b>ANABOLIC STERIODS ARE PROHIBITED</b>	Anabolic Steroids are considered prohibited substances. No anabolic steroid is to be administered to a horse in a time frame before competition such that it, or any metabolite of it, might be present in the blood at the time of competition. See the Guidelines (NCHA Official Handbook of Rules & Regulations) for the recommended withdrawal times.
<b>PROHIBITED SUBSTANCES*</b>	<ol style="list-style-type: none"> <li>1. Any drug considered a Class 1 or Class II substance as defined in the Association of Racing Commissioners Internations (ARCI's) Uniform Classification Guidelines for Foreign Substances.</li> <li>2. Any stimulant, depressant, tranquilizer or sedative that could affect the performance of a horse. Stimulants and depressants are defined as substances that stimulate or depress the cardiovascular, respiratory or central nervous system.</li> <li>3. Any substance that might interfere with or mask the detection of a prohibited drug or medication.</li> <li>4. Any non-steroidal anti-inflammatory drug (NSAID) other than those allowed by NCHA at the proper therapeutic dosage as contained in the Guidelines (NCHA Official Handbook of Rules &amp; Regulations)</li> </ol>

**Association of Racing Commissioners International, Inc. Uniform Classification Guidelines for Foreign Substances**

<p><b>Class 1:</b> Stimulant and depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in the racing horse. Many of these agents are Drug Enforcement Agency (DEA) schedule II substances. These include the following drugs and their metabolites: Opiates, opium derivatives, synthetic opioids and psychoactive drugs, amphetamines and amphetamine-like drugs as well as related drugs, including but not limited to Apo morphine, nikethamide, mazindol, pemoline, and pentylenetetrazol. Though not used as therapeutic agents, all DEA Schedule 1 agents are included in Class 1 because they are potent stimulant or depressant substances with psychotropic and often habituating actions.</p>
<p><b>Class 2:</b> Drugs that have a high potential to affect performance, but less of a potential than drugs in Class 1. These drugs are 1) not generally accepted as therapeutic agents in racing horses, or 2) they are therapeutic agents that have a high potential for abuse. Drugs in this class include: psychotropic drugs, certain nervous system and cardiovascular system stimulants, depressants, and neuromuscular blocking agents. Injectable local anesthetics are included in this class because of their high potential for abuse as nerve blocking agents.</p>

*This chart is for quick reference only and should not be used in place of the NCHA detailed medication guidelines outlined in the Rulebook.*