

Equine Sports Council - DRAFT

DM801 Drug Testing

The welfare of our show horses is of utmost importance to our industry. It is imperative that the health of the horse comes before any competition. Horse Show Management and ESC have the right to randomly drug test any horse on the show grounds, and may be required by law should there be an animal welfare concern. ESC will provide results of those tests to government authorities where required by law. Notify ESC, when animal welfare drug testing is needed by calling 1-855-Equine1.

Any individual that delays, disrupts, impedes or does not cooperate with the drug testing process is assumed guilty of a Class 1 offense.

DM802 Medication Classifications & International Standards

ESC's random drug testing program partners with one of the premiere equine testing labs that follows ISO compliant processing of specimen samples including chain of custody processing. The lab tests for medications that impact the performance of a show horse (not a race horse). ESC commissions licensed veterinarians to perform randomized drug testing. ESC subscribes to ARCI International Standards for classification of drugs proven to impact the performance of a horse. Thirteen states including KY are required to follow these classification standards.

In 2023, the US Federal Trade Commission issued the Horseracing Integrity and Safety Authority (HISA) standards for Controlled and Banned substances in horses with dosing recommendations prior to performances. The US Federal Trade Commission, along with ALL equine governing bodies require the tracking and reporting of therapeutic medications, and prohibit the "stacking" or multiple use of NSAIDS, due to the dangerous health effects to horses. Use of medications or cocktails in performance horses to mask issues or enhance event performances are strictly prohibited.

ESC subscribes to ARCI International & HISA US Federal Classification of medications based on performance enhancing elements and **strictly prohibits use of BANNED medications Class 1 and Class 2 below.**

ESC allows Controlled and limited use of several Class 3 medications, when prescribed by a US licensed veterinarian and requires submission of ESC Medical Report.

ESC permits use of some therapeutic substances in Drug Classes 4 and 5 when used as directed. ESC Medical Form required in most circumstances, see below for guidance.

ESC Medication Form can be found at:

<https://equinesportscouncil.org/info/>

DM803 Banned Medications by Classification of Drug

CLASS 1: Stimulant & Depressant drugs that have the highest potential to affect performance and that have no generally accepted medical use in equines. 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 apomorphine, 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. This class also includes all erythropoietin stimulating substances and their analogues.

CLASS 2: 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 equines, 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.

DM804 Controlled Therapies by Drug Classifications

When used responsibly and in a controlled environment these medications have less potential to affect performance and many are required as health management regimens for equines. The practice of “Stacking Multiple” therapeutic medications can be a health risk to horses and will result in suspensions and/or penalties. Please consult with your vet for correct dosing amounts. When using controlled therapeutic medications an ESC Drug Form must be electronically submitted. Failure to submit an ESC Drug form may result in suspensions, loss of ribbon/points and/or penalties. Dosing amounts are for guideline purposes.

CLASS 3: Potential to Affect Performance in equines, but the pharmacology of which suggests less potential to affect performance than drugs in Class 2. Drugs in this class include bronchodilators, anabolic steroids and other drugs with primary effects on the autonomic nervous system, procaine, antihistamines with sedative properties and the high-ceiling diuretics. **Minimally permitted at ESC events,** see below guidelines.

CLASS 4: NSAIDs & Similar Therapeutics that have less potential to affect performance than those in Class 3. Drugs in this class include less potent diuretics; corticosteroids; antihistamines and skeletal muscle relaxants without prominent central nervous system (CNS) effects; expectorants and mucolytics; hemostatics; cardiac glycosides and antiarrhythmics; topical anesthetics; antidiarrheals and mild analgesics. This class also includes the non-steroidal anti-inflammatory drugs (NSAIDs), at concentrations greater than established limits.

CLASS 5: Localized Therapeutics only, such as anti-ulcer drugs, and certain anti-allergic drugs. The anticoagulant drugs are also included.

DM805 - Controlled Therapeutic Administration Guidelines

ESC drug testing monitors for use of Controlled Therapeutics, and that dosing amounts do not exceed Federal guidelines. ESC Medication Form must be submitted at time of drug administration. Testing positive for a therapeutic without a Drug Form on file with ESC may result in loss of ribbons, suspensions and/or penalties. No other substances or therapies except those listed below are allowed at ESC events.

DM805.1 - Use as Directed Therapies - No Medication Form Required

Class 3-5 medications. These therapies are permitted for intended use only. ESC drug testing monitors for levels of misuse especially with mare hormones and cushings - these medications must be used as prescribed for treatment of intended condition. Horses testing positive for these medications, without corresponding medical conditions are subject to loss of ribbons, suspensions and/or fines.

- 1) **Omeprazole/Ranitidine** - use as directed for stomach ulcers
- 2) **Pergolide/Prascend** - use as directed for cushings

- 3) **Isoxsuprine** - 1600 mg/1000LB, 4 hours before competing, navicular laminitis
- 4) **Mare Hormones** - suppression of estrus, use as directed in **MARES ONLY**
- 5) **Electromagnetic Therapies** - use as directed

DM805.2 - Controlled Medications - NSAID - Medication Form Required

Class 4 medications, anti-inflammatory single use permitted with submission of medical form by administrator of therapy. Cocktailing or stacking multiple NSAIDS is dangerous to the health of horses and not permitted unless life saving as in colic for example. Licensed US veterinarians are required to prescribe use of multiple NSAIDS. Administrator of emergency therapy may submit a Medical form. Federal dosing guidelines are below.

- 1) **Diclofenac/Surpass** - 5 inch ribbon, ½ inch thick, one site, topical, 12 hours before competing
- 2) **Firocoxib/Equioxx** - 45.5 mg/1000Lb, oral, 12 hours before competing
- 3) **Phenylbutazone/Butazolidin** - 1.0 gram/1000Lb, oral, 12 hours before competing
- 4) **Flunixin meglumine/Banamine** - 500 mg/1000Lb, oral/IV, 12 hours before competing
- 5) **Ketoprofen/Ketofen** - 1.0 gram/1000Lb, oral, 12 hours before competing
- 6) **Meclofenamic acid/Arque** - 500 mg/1000Lb, oral, 12 hours before competing
- 7) **Methocarbamol/Robaxin** - 5.0 grams/1000Lb, oral, 12 hours before competing
- 8) **Naproxen/Naprosyn** - 4.0 grams/1000Lb, oral, 12 hours before competing
- 9) **Dimethyl Sulfoxide/DMSO** - 70 mL 90% DMSO in 500 mL LRS IV, 48 hours before competing

DM805.3 Controlled Medications - Allergy - Medication Form Required

Class 3 medications, permitted for treatment of allergy or hives (Dex). For the emergency treatment of grain or hay allergy (Trip) may be used. Medications in this group must be prescribed by a US Licensed veterinarian, and form submitted by the vet at the time of administration. Federal dosing guidelines are below:

- 1) **Dexamethasone/Azium IV** - 5.0 mg/1000Lb, IV, 6 hrs before competing
- 2) **Dexamethasone/Azium oral** - Single 20 mg oral dose, 72 hrs before competing
- 3) **Tripelennamine/ Re-Covr** - 2.5 mL/100LB, IM, 12 hours before competing

DM805.4 Controlled Medications - Safety Sedatives - Medication Form Required

Class 3 medications, Ace permitted as a safety protocol when needed to clipper and/or ship problematic horses before competitions, that otherwise would be unsafe for both humans and horses. Xylazine is a sedative that allows gut activity to continue in colicing horses. These sedatives may NOT be used to sedate horses for competing purposes. A US licensed veterinarian must prescribe, and the Administrator of the therapy may submit the ESC Medication Form at time of use. Federal dosing guidelines are below:

- 1) **Acepromazine oral** - 0.15 mg/kg **single oral dose**, 72 hours before competing.
- 2) **Acepromazine IV** - 0.05 mg/kg **single IV dose**, 48 hours before competing
- 3) **Xylazine/Rompun** - 200 mg **single IV dose**, 72 hours before competing