

**491—10.7 (99D) Medication and administration, sample collection, chemists, and practicing veterinarian.****10.7(1) *Medication and administration.***

*a.* No horse, while participating in a race, shall carry in its body any medication, drug, foreign substance, or metabolic derivative thereof, which is a narcotic or which could serve as a local anesthetic or tranquilizer or which could stimulate or depress the circulatory, respiratory, or central nervous system of a horse, thereby affecting its speed.

*b.* Also prohibited are any drugs or foreign substances that might mask or screen the presence of the prohibited drugs, or prevent or delay testing procedures.

*c.* Proof of detection by the commission chemist of the presence of a medication, drug, foreign substance, or metabolic derivative thereof, prohibited by paragraph “*a*” or “*b*,” in a saliva, urine, or blood sample duly taken under the supervision of the commission veterinarian from a horse immediately prior to or promptly after running in a race shall be prima facie evidence that the horse was administered, with the intent that it would carry or that it did carry in its body while running in a race, prohibited medication, drug, or foreign substance in violation of this rule.

*d.* Administration or possession of drugs.

(1) No person shall administer, cause to be administered, or participate or attempt to participate in any way in the administration of any medication, drug, foreign substance, or treatment by any route to a horse registered for racing on the day of the race prior to the race in which the horse is entered.

(2) No person except a veterinarian shall have in the person’s possession any prescription drug. However, a person may possess a noninjectable prescription drug for animal use if:

1. The person actually possesses, within the racetrack enclosure, documentary evidence that a prescription has been issued to said person for such a prescription drug.

2. The prescription contains a specific dosage for the particular horse or horses to be treated by the prescription drug.

3. The horse or horses named in the prescription are then in said person’s care within the racetrack enclosure.

(3) No veterinarian or any other person shall have in their possession or administer to any horse within any racetrack enclosure any chemical or biological substance which:

1. Has not been approved for use on equines by the Food and Drug Administration pursuant to the Federal Food, Drug, and Cosmetic Act, 21 U.S.C. Section 301 et seq., and implementing regulations, without the prior written approval from a commission veterinarian, after consulting with the board of stewards.

2. Is on any of the schedules of controlled substances as prepared by the Attorney General of the United States pursuant to 21 U.S.C. Sections 811 and 812, without the prior written approval from a commission veterinarian after consultation with the board of stewards. The commission veterinarian shall not give such approval unless the person seeking the approval can produce evidence in recognized veterinary journals or by recognized equine experts that such chemical substance has a beneficial therapeutic use in horses.

(4) No veterinarian or any other person shall dispense, sell, or furnish any feed supplement, tonic, veterinary preparation, medication, or any substance that can be administered or applied to a horse by any route, to any person within the premises of the facility unless there is a label specifying the name of the substance dispensed, the name of the dispensing person, the name of the horse or horses for which the substance is dispensed, the purpose for which said substance is dispensed, the dispensing veterinarian’s recommendations for withdrawal before racing (if applicable), and the name of the person to whom dispensed, or is otherwise labeled as required by law.

(5) No person shall have in the person’s possession or in areas under said person’s responsibility on facility premises any feed supplement, tonic, veterinary preparation, medication, or any substance that

can be administered or applied to a horse by any route unless it complies with the labeling requirements in 10.7(1) “d”(4).

(6) No person shall possess, use, or distribute a compounded medication within the premises of the facility if there is a Food and Drug Administration-approved equivalent of that substance available for purchase unless approved by the commission veterinarian. Veterinary drugs shall be compounded in accordance with all applicable state and federal laws. Compounded medication shall be dispensed only by prescription issued by a licensed veterinarian to meet the medical needs of a specific horse and for use only in that specific horse. All compound medications must be labeled as required by law.

*e.* Any person found to have administered, or caused, participated in, or attempted to participate in any way in the administration of a medication, drug, or foreign substance that caused or could have caused a violation of this rule shall be subject to disciplinary action.

*f.* The owner, trainer, groom, or any other person having charge, custody, or care of the horse is obligated to protect the horse properly and guard it against the administration or attempted administration of a substance in violation of this rule. If the stewards find that any person has failed to show proper protection and guarding of the horse, or if the stewards find that any owner, lessee, or trainer is guilty of negligence, they shall impose discipline and take other action they deem proper under any of the rules including referral to the commission.

*g.* In order for a horse to be placed on the bleeder list in Iowa through reciprocity, that horse must be certified as a bleeder in another state or jurisdiction. A certified bleeder is a horse that has raced with furosemide in another state or jurisdiction in compliance with the laws governing furosemide in that state or jurisdiction.

*h.* The possession or use of blood doping agents, including but not limited to those listed below, on the premises of a facility under the jurisdiction of the commission is forbidden:

- (1) Erythropoietin;
- (2) Darbepoetin;
- (3) Oxyglobin®; and
- (4) Hemopure®.

*i.* The use of extracorporeal shock wave therapy or radial pulse wave therapy shall not be permitted unless the following conditions are met:

- (1) Any treated horse shall not be permitted to race for a minimum of ten days following treatment;
- (2) The use of extracorporeal shock wave therapy or radial pulse wave therapy machines shall be limited to veterinarians licensed to practice by the commission;
- (3) Any extracorporeal shock wave therapy or radial pulse wave therapy machines on the association grounds must be registered with and approved by the commission or its designee before use;
- (4) All extracorporeal shock wave therapy or radial pulse wave therapy treatments must be reported to the official veterinarian on the prescribed form not later than the time prescribed by the official veterinarian.

*j.* The use of a nasogastric tube (a tube longer than six inches) for the administration of any substance within 24 hours prior to the post time of the race in which the horse is entered is prohibited without the prior permission of the official veterinarian or designee.

*k.* Non-steroidal anti-inflammatory drugs (NSAIDs).

(1) The use of one of three approved NSAIDs shall be permitted under the following conditions:

1. The level does not exceed the following permitted serum or plasma threshold concentrations which are consistent with administration by a single intravenous injection at least 24 hours before the post time for the race in which the horse is entered:

- Phenylbutazone (or its metabolite oxyphenylbutazone) – 5 micrograms per milliliter;
- Flunixin – 20 nanograms per milliliter;
- Ketoprofen – 2 nanograms per milliliter.

2. The NSAIDs listed in numbered paragraph “1” or any other NSAIDs are prohibited from being administered within the 24 hours before post time for the race in which the horse is entered.

3. The presence of more than one of the three approved NSAIDs, with the exception of phenylbutazone in a concentration below 1 microgram per milliliter, flunixin in a concentration below 3 nanograms per milliliter, or ketoprofen in a concentration below 1 nanogram per milliliter of serum or plasma, or the presence of any unapproved NSAID in the post-race serum or plasma sample is not permitted. The use of all but one of the approved NSAIDs shall be discontinued at least 48 hours before the post time for the race in which the horse is entered.

(2) Any horse to which an NSAID has been administered shall be subject to having a blood sample(s), urine sample(s) or both taken at the direction of the official veterinarian to determine the quantitative NSAID level(s) or the presence of other drugs which may be present in the blood or urine sample(s).

**10.7(2) *Sample collection.***

a. Under the supervision of the commission veterinarian, urine, blood, and other specimens shall be taken and tested from any horse that the stewards, commission veterinarian, or the commission's representatives may designate. The samples shall be collected by the commission veterinarian or other person or persons the commission may designate. Each sample shall be marked or numbered and bear information essential to its proper analysis; but the identity of the horse from which the sample was taken or the identity of its owners or trainer shall not be revealed to the official chemist or the staff of the chemist. The container of each sample shall be sealed as soon as the sample is placed therein.

b. A facility shall have a detention barn under the supervision of the commission veterinarian for the purpose of collecting body fluid samples for any tests required by the commission. The building, location, arrangement, furnishings, and facilities including refrigeration and hot and cold running water must be approved by the commission. A security guard, approved by the commission, must be in attendance at each access to the detention barn during the hours designated by the commission.

c. No unauthorized person shall be admitted at any time to the building or the area utilized for the purpose of collecting the required body fluid samples or the area designated for the retention of horses pending the obtaining of body fluid samples.

d. During the taking of samples from a horse, the owner, responsible trainer, or a representative designated by the owner or trainer may be present and witness the taking of the sample and so signify in writing. Failure to be present and witness the collection of the samples constitutes a waiver by the owner, trainer, or representative of any objections to the source and documentation of the sample.

e. The commission veterinarian, the board of stewards, agents of the division of criminal investigation, or commission representative may take samples of any medicine or other materials suspected of containing improper medication, drugs, or other substance which could affect the racing condition of a horse in a race, which may be found in barns or elsewhere on facility premises or in the possession of any person connected with racing, and the same shall be delivered to the official chemist for analysis.

f. Nothing in these rules shall be construed to prevent:

(1) Any horse in any race from being subjected by the order of a steward or the commission veterinarian to tests of body fluid samples for the purpose of determining the presence of any foreign substance.

(2) The state steward or the commission veterinarian from authorizing the splitting of any sample.

(3) The commission or commission veterinarian from requiring body fluid samples to be stored in a frozen state for future analysis.

g. Before leaving the racing surface, the trainer shall ascertain the testing status of the horse under the trainer's care from the commission veterinarian or designated detention barn representative.

**10.7(3) *Chemists.***

*a.* Tests are to be under the supervision of the commission, which shall employ one or more chemists or contract with one or more qualified chemical laboratories to determine by chemical testing and analysis of body fluid samples whether a foreign substance, medication, drug or metabolic derivative thereof is present.

*b.* All body fluid samples taken by or under direction of the commission veterinarian or commission representative shall be delivered to the laboratory of the official chemist for analysis.

*c.* The commission chemist shall be responsible for safeguarding and testing each sample delivered to the laboratory by the commission veterinarian.

*d.* The commission chemist shall conduct individual tests on each sample, screening them for prohibited substances, and conducting other tests to detect and identify any suspected prohibited substance or metabolic derivative thereof with specificity. Pooling of samples shall be permitted only with the knowledge and approval of the commission.

*e.* Upon the finding of a test negative for prohibited substances, the remaining portions of the sample may be discarded. Upon the finding of tests suspicious or positive for prohibited substances, the tests shall be reconfirmed, and the remaining portion, if available, of the sample shall be preserved and protected for two years following close of meet.

*f.* The commission chemist shall submit to the commission a written report as to each sample tested, indicating by sample tag identification number, whether the sample was tested negative or positive for prohibited substances. The commission chemist shall report test findings to no person other than the administrator or commission representative, with the exception of notifying the state stewards of all positive tests.

*g.* In the event the commission chemist should find a sample suspicious for a prohibited medication, additional time for test analysis and confirmation may be requested.

*h.* In reporting to the state steward a finding of a test positive for a prohibited substance, the commission chemist shall present documentary or demonstrative evidence acceptable in the scientific community and admissible in court in support of the professional opinion as to the positive finding.

*i.* No action shall be taken by the state steward until an official report signed by the chemist properly identifying the medication, drug, or other substance as well as the horse from which the sample was taken has been received.

*j.* The cost of the testing and analysis shall be paid by the commission to the official chemist. The commission shall then be reimbursed by each facility on a per-sample basis so that each facility shall bear only its proportion of the total cost of testing and analysis. The commission may first receive payment from funds provided in Iowa Code chapter 99D, if available.

**10.7(4) *Practicing veterinarian.***

*a.* Prohibited acts.

(1) Ownership. A licensed veterinarian practicing at any meeting is prohibited from possessing any ownership, directly or indirectly, in any racing animal racing during the meeting.

(2) Wagering. Veterinarians licensed by the commission as veterinarians are prohibited from placing any wager of money or other thing of value directly or indirectly on the outcome of any race conducted at the meeting at which the veterinarian is furnishing professional service.

(3) Prohibition of furnishing injectable materials. No veterinarian shall within the facility premises furnish, sell, or loan any hypodermic syringe, needle, or other injection device, or any drug, narcotic, or prohibited substance to any other person unless with written permission of the stewards.

*b.* The use of other than single-use disposable syringes and infusion tubes on facility premises is prohibited. Whenever a veterinarian has used a hypodermic needle or syringe, the veterinarian shall destroy the needle and syringe and remove the needle and syringe from the facility premises.

*c.* Veterinarians must submit daily to the commission veterinarian on a prescribed form a report of all procedures, medications and other substances which the veterinarian prescribed, administered, or

dispensed for racing animals registered at the current race meeting as provided in Iowa Code section 99D.25(10). Reports shall be submitted not later than noon the day following the treatments' being reported. Reports shall include the racing animal, trainer, procedure, medication or other substance, dosage or quantity, route of administration, date and time administered, dispensed, or prescribed. Reports shall be signed by the practicing veterinarian.

*d.* Within 20 minutes following the administration of furosemide, the veterinarian must deliver to the commission veterinarian or commission representative a signed affidavit certifying information regarding the treatment of the horse. The statement must include, at a minimum, the name of the practicing veterinarian, the tattoo number of the horse, the location of the barn and stall where the treatment occurred, the race number of the horse, the name of the trainer, and the time that the furosemide was administered. This affidavit must be signed by the trainer or trainer's designee who witnessed the administration of furosemide. The veterinarian shall not administer the furosemide if a witness is not present. Furosemide shall only be administered (by a single intravenous injection) in a dose level allowed by Iowa Code section 99D.25A, subsection 7.

*e.* Each veterinarian shall report immediately to the commission veterinarian any illness presenting unusual or unknown symptoms in a racing animal entrusted into the veterinarian's care.

*f.* Practicing veterinarians may have employees licensed as veterinary assistants working under their direct supervision. Activities of these employees shall not include direct treatment or diagnosis of any animal. The practicing veterinarian must be present if a veterinary assistant is to have access to injection devices or injectables. The practicing veterinarian shall assume all responsibility for a veterinary assistant.

*g.* Equine dentistry is considered a function of veterinary practice by the Iowa veterinary practice Act. Any dental procedures performed at the facility must be performed by a licensed veterinarian or a licensed veterinary assistant.

*h.* Unless approved by the commission veterinarian, veterinarians shall not have contact with an entered horse on race day except for the administration of furosemide.