



## **APPENDIX #3**

### **Proposed Penalty Schedule for Class 2 Substances that would be considered as a treatment misapplication.**

This is a list of the Class 2 substances the workgroup identified as that any of these substances would be eligible for a “treatment misapplication”.

For most of these substances, no change in recommended penalty is being proposed.

The workgroup did recommend increasing the recommended penalty from a “B” to an “A” for several substances. They are identified by the lines in yellow.

The committee should assess whether a change in penalty is appropriate for each of the substances noted.

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Alclofenac	Medifenac	Alclofenac is a nonsteroidal anti-inflammatory drug.	B		B	Non-approved NSAID
Benzonatate	Tessalon, Tessalon Perles, Zonatuss	Cough suppressant.	A		A	Possible Over the Counter Cough Medicine
Bupivacaine	Marcaine	Anesthetic which numbs an area of the body to relieve pain during surgery or medical procedures, childbirth, and dental work.	A		A	Possibly used topically

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Caffeine		Caffeine is a central nervous system stimulant of the methylxanthine class. It is the world's most widely consumed psychoactive drug. Unlike many other psychoactive substances, it is legal and unregulated in nearly all parts of the world. There are several known mechanisms of action to explain the effects of caffeine.	B	Proposed increase in penalty.	A	Potential Contaminant

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Capsaicin		Capsaicin is an active component of chili peppers, which are plants belonging to the genus Capsicum. It is an irritant for mammals, including humans, and produces a sensation of burning an inflammation in any tissue with which it comes into contact.	B	Proposed increase in penalty.	A	Potential Topical Irritant
Captodiamine	Covatine	Captodiamine, also known as captodiamine, is an antihistamine used as a sedative and anxiolytic.	A		A	Oral Antihistamine/management issue
Carisoprodol	Rela, Soma	Muscle relaxant. It can treat pain and stiffness from muscle spasms.	B		B	

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Corticaine	Hydrocortisone Acetate	Hydrocortisone, sold under a number of brand names, is the name for the hormone cortisol when supplied as a medication. Uses include conditions such as adrenocortical insufficiency, adrenogenital syndrome, high blood calcium, thyroiditis, rheumatoid arthritis, dermatitis, asthma, and COPD.	A		A	Topical Analgesic - used on cracked heal

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Dihydrocodeine	Parcodin	Dihydrocodeine is a semi-synthetic opioid analgesic prescribed for pain or severe dyspnea, or as an antitussive, either alone or compounded with paracetamol or aspirin. It was developed in Germany in 1908 and first marketed in 1911.	A		A	possible over the counter cough medicine
Ephedrine	Akovaz, Corphedra	Involuntary nervous system stimulant used to treat low blood pressure caused by other medications. It can also improve breathing.	A		A	May be found in over the counter cough medicine

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Fluoxetine	Prozac	Selective Serotonin Reuptake Inhibitor (SSRI) used to treat depression, obsessive-compulsive disorder (OCD), bulimia nervosa, and panic disorder.	A	Proposed increase in penalty.	AA	Common use in humans-should not use in horses - warrants toughest penalty.
Fluphenazine	Prolixin, Permitil, Anatensol, etc.	Antipsychotic used to treat schizophrenia.	B		B	Should be A penalty in doping
Hydroxyzine	Atarax	Antihistamine used to treat anxiety, nausea, vomiting, allergies, skin rash, hives, and itching. It can also be used with anesthesia before medical procedures.	B	Proposed increase in penalty.	A	

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Isomethadone	Liden	Isomethadone is a synthetic opioid analgesic and antitussive related to methadone that was used formerly as a pharmaceutical drug but is now no longer marketed. Isomethadone was used as both an analgesic and antitussive.	A		A	Mismanaged / used by human addicts
Levamisole	Ergamisol	Used to treat parasitic worm infections. Specifically it is used for ascariasis and hookworm infections. It is taken by mouth. Side effects may include abdominal pain, vomiting, headache, and dizziness.	B	Proposed increase in penalty.	A	



Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Lidocaine	Xylocaine	Anesthetic and antiarrhythmic used to treat irregular heartbeats (arrhythmias). It can also relieve pain and numb the skin.	B	Proposed increase in penalty.	A	
Mepivacaine	Carbocaine	Anesthetic used to numb an area of the body to relieve pain during surgery or a medical procedure.	B	Proposed increase in penalty.	A	Local Anesthetic
Nitroglycerin	Nitro-Time, Nitrostat	Heart medication used to treat and prevent chest pain (angina) in its oral form. When used rectally, it can treat pain caused by tears in the skin around the opening for bowel movements (anal fissures).	B		B	Human treatment for Heart Mistake/mismanaged
Prilocaine	Citanest	Anesthetic It can numb the skin or genital area to relieve pain during medical procedures.	B	Proposed increase in penalty.	A	Topical Treatment

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Ractopamine	Paylean	Ractopamine is a feed additive, banned in most countries, to promote leanness in animals raised for their meat. Pharmacologically, it is a TAAR1 agonist and $\beta$ adrenoreceptor agonist that stimulates $\beta_1$ and $\beta_2$ adrenergic receptors.	A		A	Feed contamination possible

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Reserpine	Serpasil	Reserpine is an indole alkaloid, antipsychotic, and antihypertensive drug that has been used for the control of high blood pressure and for the relief of psychotic symptoms, although because of the development of better drugs for these purposes and because of its numerous side-effects, it is rarely used today.	B	Proposed increase in penalty.	A	Long withdrawal
Rofecoxib	Vioxx	Rofecoxib is a nonsteroidal anti-inflammatory drug that has now been withdrawn over safety concerns. It was marketed by Merck & Co. to treat osteoarthritis, acute pain conditions, and dysmenorrhea.	B	Proposed increase in penalty.	A	

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Tetracaine	Pontocaine, amethocaine	Local anesthetic used to numb the eyes, nose, or throat. It may also be used before starting an intravenous to decrease pain from the procedure. Typically it is applied as a liquid to the area.	A		A	ophthalmology sedative

Class 2 Drug/Substance- treatment misapplication	Trade Name(s)		Existing Penalty Class	Special Notation	PROPOSED PENALTY CLASS	Comments
Zilpaterol hydrochloride	Zilmax	<p>Zilpaterol is a feed-through beta agonist. Under its trade name, Zilmax, it is used to increase the size of cattle and the efficiency of feeding them. Zilmax is produced by Intervet, a subsidiary of Merck &amp; Co. and marketed as a "beef-improvement technology". Zilpaterol is typically fed in the last three to six weeks of cattle's lives, with a brief period (three days in the US) before death for withdrawal, which allows the drug to mostly leave the animal's tissues.</p>	A		A	Potential Feed Contaminate