

Hyaluronidase:

SCHEDULING STATUS: S4

CURRENTLY COMPOUNDED FORMULATIONS:

Active ingredient(s)	Injectable	Oral equine paste	Oral carnivore paste	Orals for exotics	Oral solution/suspension	Topical treatment	Shampoo	Capsules	Oral powder
Hyaluronidase	✓								

REGISTERED PRODUCT/ TRADE NAME: None

PHARMACOLOGICAL CLASSIFICATION: Enzyme

PHARMACOLOGICAL ACTION: An enzyme that liquefies/degrades hyaluronic acid. Since it increases the permeability of tissues by lowering the viscosity of hyaluronic acid, hyaluronidase is most commonly used in combination with other drugs in order to facilitate the delivery and dispersion of the other drugs. As a result, the drugs are absorbed quicker.^[1]

INDICATIONS: Current research shows a 30-40% reduction in downtime using standard immobilization combinations.^[1]

DOSAGE AND DIRECTIONS FOR USE:

Some veterinarians use 1500 IU in a dart. Others use 7500 IU, particularly in thick-skinned animals.^[1]

WARNINGS/ PRECAUTIONS/ CONTRA-INDICATIONS:

- Store at 4 °C.^[1]
- Keep in a cool box in the field, at a temperature below 25 °C.^[1]
- Once mixed, the cocktail containing this drug is best used as soon as possible, as its efficacy is quickly lost if stored for long periods at sub-optimal temperatures.^[1]

REFERENCES:

1. Chemical and Physical Restraint of Wild Animals, Second Edition