



## GRAPE/RAISIN TOXICITY

### ABOUT THE DISEASE

**Grapes and/or raisin** ingestion is predominantly known for causing kidney damage and/or kidney failure in canine patients. The actual mechanism of kidney damage is not known, nor is the quantity of **grapes/raisins** to cause a toxicity.

Clinical signs associated with **grape/raisin** ingestion include:

- Vomiting
- Abdominal pain
- Increased drinking
- Increased urination

### OBTAINING A DIAGNOSIS

A thorough clinical history and physical examination with a veterinarian will yield a presumptive diagnosis.

There is no specific test to confirm **grape/raisin** ingestion, but blood and urine testing can detect kidney injury / failure.

### TREATMENT

If the patient is seen within the first few hours of ingestion, vomiting can be induced to clear the stomach of any remaining **grapes/raisins** and activated charcoal can be administered to bind any potential toxin that is present throughout the intestinal tract.

These patients can be hospitalized for 1-2 days so that intravenous (IV) fluids can be administered, and serial bloodwork can be performed to monitor the kidneys for improvement or worsening injury.

If the animal is not declining after 48 hours, then they are unlikely to have further insult from the ingestion.

### TIPS FOR SUCCESS

- Do not feed your pets **grapes/raisins**. Keep these foods in a location where pets do not have access.
- Contact the Pet Poison Helpline (855.764.7661) for immediate triage of toxicities.
- Seek immediate care for interventional therapies.