All dogs with acute onset of sneezing, purulent nasal and/or ocular discharge, and coughing must be promptly moved to Isolation

### Diagnosis

Follow PPE requirements for working in Isolation

Tech performs initial exam

Tech collects nasal and pharyngeal swabs for Idexx Respiratory Pathogen PCR Panel (test code 2524)

- Store in refrigerator pending veterinarian decision to submit based on severity of clinical signs and number of sick dogs

Schedule veterinarian exam

### Treatment

Follow PPE requirements for working in Isolation

Start doxycycline 10 mg/kg orally once daily for 10 days

### Monitoring

Follow PPE requirements for working in Isolation

Tech exam once daily

Schedule veterinarian exam on day 10 for dogs with uncomplicated disease

- Discontinue doxycycline if clinical signs have resolved
- Release from Isolation unless instructed otherwise by the veterinarian

Continue doxycycline if clinical signs have not resolved by day 10

- Tech exam once daily
- Veterinarian exam when clinical signs have resolved
- Release from Isolation unless instructed otherwise by the veterinarian

Notify veterinarian if dog develops fever (T >102.8), lethargy, not eating, worsening cough or nasal discharge, labored breathing, bleeding from nose or mouth

- Collect and submit nasal and pharyngeal swabs to Idexx if not already done
- Collect blood samples for CBC and chemistry panel
- Veterinarian may order the following based on patient condition:
  - SQ or IV fluid therapy for dehydration
  - Addition of enrofloxacin or Simplicef to doxycycline treatment
○ Gabapentin for pain control
● Monitor clinical condition twice daily
● Schedule veterinarian recheck exams as needed
  ○ Adjust medications as needed
  ○ If no improvement or progressive disease, transfer to a hospital or humane euthanasia