

# INFECTIOUS TRACHEOBRONCHITIS OF DOGS (KENNEL COUGH)

## Definition:

A mild highly contagious disease, involving the trachea and bronchi of dogs at any age.

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# Causes

1. (bacterial)
  1. Bordetella bronchiseptica
2. Viral
  1. Canine adenovirus 2.
  2. Parainfluenza.
3. Environmental factors as: cold, drafts and high humidity.

Incubation period 5-10 days.

# Clinical signs

1. **Harsh dry cough** which aggravated by activity and excitement.
2. Cough occurs in **paroxysms** followed by retching.
3. The cough is easily **induced** by gentle pressure over the **larynx** or trachea.
4. **Temperature** is not elevated except with secondary bacterial infection.

# Diagnosis

1. History of contagiousness.
2. Symptoms of only cough.

# Treatment

## 1- **Hygienic treatment:**

- Isolation of affected patients.
- Strict hygienic measures.

## II- Medicated treatment:

### 1. Expectorants

- With codeine 5ml orally codipront
  - With antihistaminic
    - R/ Tripelenamine citrate 150 mg
    - Ammonium chloride 400mg
    - Ephedrine sulphate 50 mg
    - Syrup ad 20 mg
- One teaspoonful 4 times daily.
- Bisolvon amp. or syrup.

## 2. Antihistaminic with antibacterial drug:

### a. Corticosteroids.

- *Dexamethazone* IM or orally 1mg.

### b. Antibacterial agent:

- *Nitrofurantion* 4.5 mg/kg. B.W. orally.



# An example for some patent antibiotic

- *Ampicillin* caps and vials
  - Dogs: 10-20mg/kg 6 h po; 5-10 mg/kg q6 h IV, IM, SC.
  - Cats : same.
- *Keflex* caps. and syrup (*cephalexin monohydrate*).
  - Dogs: 30mg/kg 12 h po.
  - Cats : same.
- *Erythrocin* tablets and caps (*erythromycine stearate*)
  - Dogs: 10mg/kg 6 h po.
  - Cats : same.
- *Garamycine* amp. (*Gentamycin sulphate*).
  - Dogs: 2 mg/kg 8 h IM, SC.
  - Cats : same.



# Questions

