

# RS- Microbiology

Archive

Lecture 7

Viral Respiratory Tract  
Infections B

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# RS- Microbiology

## Lecture 7

1. A 3-year-old child is brought to the emergency room by his parents with concerns about a recent onset of a barking cough. The child has had a runny nose and low-grade fever for the past few days. His parents report that the cough worsens at night and sounds like a "seal bark." Additionally, they mention that the child has been experiencing hoarseness and noisy breathing, especially when inhaling.

Which of the following is the most likely diagnosis for this child ?

- A) Pneumonia
- B) Croup
- C) Common cold
- D) Asthma

Answer : B

2. Which respiratory virus is commonly associated with chest retraction?

- A) RSV (Respiratory Syncytial Virus)
- B) Adenovirus
- C) Rhinovirus
- D) Coronavirus
- E) Influenza A

Answer : A

3. A man presented with seal barking sound which is a feature of :

- A) Croup
- B) Bronchitis
- C) Pneumonia
- D) Rhinitis

Answer : A

4. All of the following are features of a common cold except :

- A) Sneezing
- B) Runny nose
- C) Sore throat
- D) Headache
- E) Loss of appetite

Answer : E

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5) A 2-year-old child presents with sudden abdominal pain, vomiting, and passage of red currant jelly stool. Ultrasound confirms intussusception. Which of the following organisms is most commonly associated with this condition?

- A) Adenovirus
- B) Rotavirus
- C) Salmonella
- D) Shigella
- E) Escherichia coli

Answer: A) Adenovirus

6) A 3-year-old child presents with a barking cough, stridor, and hoarseness, worse at night. The symptoms suggest croup. Which of the following viruses is the most common cause?

- A) Rhinovirus
- B) Adenovirus
- C) Parainfluenza
- D) Influenza A
- E) Respiratory syncytial virus (RSV)

Answer: C) Parainfluenza

7) One of the following is causative of Bronchiolitis

- A) Parainfluenza virus
- B) Adenovirus
- C) Respiratory syncytial virus

Answer: A+C

8) One of the following is not single strand RNA

- A) Parainfluenza
- B) Respiratory syncytial virus
- C) Adenovirus

Answer: C

9) Wrong about parainfluenza :  
not susceptible to water soap and disinfectant