

Respiratory Infections quiz

Due back 23rd August



1. A eight year-old boy has had a non-specific upper respiratory infection with cough for five days. He has had four similar episodes this year. There is nothing of note in his past medical history and examination is normal apart from green mucopurulent discharge blocking his nose. He has no allergies. Which of the following antibiotics would you prescribe?

- Amoxicillin Amoxicillin-Clavulanate
 Erythromycin Penicillin V
 No antibiotic

2. A 17 year-old student has an upper respiratory infection with nasal discharge and quite severe pain over her maxillary sinuses. It started five days ago and does not seem to be improving. Her temperature is 39.1°C, She has no allergies. Which of the following antibiotics would you prescribe?

- Amoxicillin Amoxicillin-Clavulanate
 Erythromycin Penicillin V
 No antibiotic

3. An 18 year-old retail assistant presents with four days of sore throat and fever. She feels unwell but does not want to take time off work. Her temperature is 38°C she has an exudative pharyngitis and enlarged cervical nodes. She has no allergies or risk factors. Which of the following antibiotics would you prescribe?

- Amoxicillin Amoxicillin-Clavulanate
 Erythromycin Penicillin V
 No antibiotic

4. A five year-old boy has had a non-specific upper respiratory infection for four days and now has earache on the left side. On examination his temperature is 37.5°C. He has nasal congestion and his left ear drum is red. He has had two previous episodes of acute otitis media. He has no allergies or risk factors. Which of the following antibiotics would you prescribe?

- Amoxicillin Amoxicillin-Clavulanate
 Erythromycin Penicillin V
 No antibiotic

5. A six year-old girl has deafness in her right ear since an episode of acute otitis media six weeks ago. Her right tympanic membrane is yellowish in colour and has reduced mobility. The left ear is normal. She has no allergies or risk factors. Which of the following antibiotics would you prescribe?

- Amoxicillin Amoxicillin-Clavulanate
 Erythromycin Penicillin V
 No antibiotic

6. A previously well 30 year-old office worker has had cough productive of green sputum for the last seven days. He came today because he felt short of breath when he played his weekly game of squash. His chest reveals scattered wheezing and his temperature is 37.7°C. He has no allergies or risk factors. Which of the following antibiotics would you prescribe?

- Amoxicillin Amoxicillin-Clavulanate
 Erythromycin Penicillin V
 No antibiotic

7. A previously well 42 year-old mother of three children is unwell with cough, sweating, and muscular aches and pains. Her temperature is 38.7°C, respiratory rate 20 breaths per minute and BP 124/82. Her thinking is clear. She has moist sounds and wheeze in the right midzone of her chest. She has no allergies or risk factors. Which of the following antibiotics would you prescribe?

- Amoxicillin Amoxicillin-Clavulanate
 Erythromycin Penicillin V
 No antibiotic

8. A four year-old girl has had a cough for three days. Her respiratory rate is 47 breaths per minute and she has mild chest indrawing. She has had no recent illnesses and no history of wheeze. She does not look toxic and is drinking well. Chest examination is normal. She has no allergies or risk factors. Which of the following antibiotics would you prescribe?

- Amoxicillin Amoxicillin-Clavulanate
 Erythromycin Penicillin V
 No antibiotic

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