

**QUESTION**

1. A patient is admitted to the hospital with a diagnosis of pneumonia. The patient is unable to walk without assistance and has a respiratory rate of 28 breaths per minute. The patient is also experiencing chest pain and has a cough with yellow sputum. The patient's oxygen saturation is 90% on 2L of oxygen via nasal cannula.

2. The patient's condition is worsening, and the patient is now having difficulty breathing. The patient's respiratory rate has increased to 32 breaths per minute, and the patient's oxygen saturation has decreased to 88% on 4L of oxygen via nasal cannula. The patient is now unable to walk and has become increasingly agitated.

**ANSWER**

The patient's symptoms are consistent with acute respiratory distress syndrome (ARDS). The patient's respiratory rate is increased, and the patient's oxygen saturation is decreased, which are both signs of respiratory failure. The patient's chest pain and cough with yellow sputum suggest pneumonia, which is a common cause of ARDS. The patient's inability to walk without assistance and their agitation are also consistent with ARDS.

The patient's condition is worsening, and they are now having difficulty breathing. This is a sign of respiratory failure, which is a life-threatening complication of ARDS. The patient's respiratory rate has increased to 32 breaths per minute, and their oxygen saturation has decreased to 88% on 4L of oxygen via nasal cannula. The patient is now unable to walk and has become increasingly agitated.

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