

Answers

1. C. Henry's

Henry's law states that the amount of gas in solution is proportional to the partial pressure of that gas over the solution. As PaO₂ falls in the alveoli, the amount of O₂ diffused into the blood decreases. (*Flight Nursing Core Curriculum*, p. 4)

2. C. Head at back of plane

Positioning the patient's head at front of plane causes a decrease in venous return and CO during acceleration. Place the patient's head at the rear of the plane to prevent further compromise. (*Flight Nursing Core Curriculum*, p. 18)

3. B. Slowly descend

You should instruct the pilot to start a slow descent. Your patient is experiencing signs of sinus block. Other symptoms include teeth and gum pain and lacrimation, which will increase with ascent. After starting a slow descent, apply direct pressure and topical vasoconstrictors. (*Flight Nursing Core Curriculum*, p. 15-6)

4. D. Septal wall MI

The LAD supplies the anterior, septal, and a small amount of the lateral wall.

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