

# Exam Questions

4-5/2021

# Question 1

A 64yo African American woman is admitted to the hospital with COVID-19. She is moved to the MICU due to worsening hypoxia and eventually needs to be intubated due to ARDS. She is 5'6" and weighs 159 kg. Her BMI is 57. Please select the correct initial tidal volume.

- A. 350 mL due to her predicted body weight of 59 kg.
- B. 950 mL due to her body weight of 159 kg.
- C. 7 ml/kg per the ARDSnet trial
- D. We don't have good data so pick what helps her ventilate best

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## Question 2

A 64yo African American woman is admitted to the hospital with COVID-19. She is moved to the MICU due to worsening hypoxia and eventually needs to be intubated due to ARDS. She is 5'6" and weighs 159 kg. Her BMI is 57. Despite max ventilator support, her PaO<sub>2</sub> is only 50. What is the next best step to take to improve her oxygenation and reduce mortality?

- A. There is nothing you can do; you should discuss goals of care with her family.
- B. Turn her on her stomach
- C. Give her bronchodilators
- D. Start IV velletri

## Answer 2

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## Question 3

A 64yo African American woman is admitted to the hospital with COVID-19. She is moved to the MICU due to worsening hypoxia and eventually needs to be intubated due to ARDS. She is 5'6" and weighs 159 kg. Her BMI is 57. Despite max ventilator support (100% oxygen), her PaO<sub>2</sub> is 50. How bad is her ARDS?

- A. COVID-19 has been shown to have pathology similar to high altitude pulmonary edema (HAPE), so it's actually not ARDS
- B. You cannot tell with the information given
- C. Severe, because her PaO<sub>2</sub>/FIO<sub>2</sub> is 50
- D. Moderate, because her FIO<sub>2</sub> is 100-200

# Answer 3

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