

## RSPT 2350 Exam II Review

- 50 multiple choice questions
  - Any ABG interpretations are part of the multiple choice question.
  - Questions are more scenario-based. They still reflect the objectives, but there is less strict recall.
- Covers Modules A through G
- Know the normal values.
- Differentiate between types of  $\dot{V}/\dot{Q}$  abnormalities and know what would be an example of each.
- Know the treatment for hypoxemia, especially when to change  $FIO_2$  vs. PEEP.
- Know the types of hypoxemia (and how to classify mild/moderate/severe) and hypoxia and how to differentiate each.
- Know the effect of not icing blood and what an air bubble would do the results.
- The effect of position on ventilation and perfusion in the lung.
- Diffusion defects and how exercise affects transit time.
- Saturation – Dissolved relationship (hint: Effect of oxyhemoglobin curve shifts)
- Know these formulae and what would be done with the values calculated:
  - A-aDO<sub>2</sub>
  - Expected PaO<sub>2</sub> given an age
  - PaO<sub>2</sub>/ FIO<sub>2</sub> ratio
  - V<sub>d</sub>/V<sub>t</sub> ratio and calculation of Physiologic and Alveolar V<sub>d</sub>
  - Cardiac Output
  - CO<sub>2</sub> Equation
  - Adjustment of PaCO<sub>2</sub> given an ABG.