

## RSPT 1200 EXAM I STUDY GUIDE

- 50 multiple-choice questions
  - Follow the objectives and evaluate your understanding with the self-assessments and the quizzes on Colbert's site.  
(<http://www.myhealthprofessionskit.com/RespiratoryTherapy.html>)
- All from Modules A & B (Chapters 1-3 in Colbert)
- Things to focus on:
  - Definitions of all terms.
  - Drug names and how a drug is approved.
  - Differentiate between the routes of administration and know the pros/cons of each.
  - Describe the process of pharmacokinetics and differentiate between each.
    - Absorption
    - Distribution
    - Metabolism
    - Elimination
  - Differentiate between an agonist and an antagonist.
  - Differentiate between efficacy and potency and be able to determine the extent of each from a graph.
  - Components of a prescription and rules for administration.
  - Metric conversions and drug-dosage calculations (percentage and ratio solutions).
  - Central Nervous System components.
  - Differentiate between actions of the sympathetic and parasympathetic systems.
  - Differentiate between the neurotransmitters and receptor types of the sympathetic and parasympathetic systems.
- Know the first 8 drugs on the sheet: albuterol, pirbuterol, levalbuterol, salmeterol, formoterol, aformoterol, indacaterol, and racemic epinephrine.