

## INFECTIONS

### Sample SAMP Question

Ben is a 14 yo Grade 9 student. He presents to your office with a 2 day history of sore throat.

1. What are two elements of the history that would aid you in your diagnosis?
2. What diagnostic test would confirm the diagnosis?
3. Ben admits to a one day history of myalgias and fatigue. What other diagnosis would you consider?
4. What test would confirm your diagnosis?
5. Supposing the test you ordered in #2 came back positive, what would your treatment be (assuming Ben has no allergies)? Give the drug class.
6. What are the potential complications if this condition is left untreated? **List two.**

## **Answer Key**

1. Presence of cough, presence of fever
2. Throat culture
3. Mononucleosis (Epstein Barr Virus)
4. Serology for mononucleosis
5. Oral Penicillin
6. Any two of:
  - Peritonsillar abscess
  - Acute rheumatic fever
  - Sinusitis
  - Retropharyngeal abscess