Respiratory System
Case Study 1

You are a PA for a pediatrician attending to a six-month-old female baby brought in by her mother with a fever of 102°. According to the mother, she has been irritable for the last couple of days and has had a little diarrhea. You note the baby is crying and fidgeting with her left ear. Upon examination, you notice a bulging tympanic membrane.

a. Diagnosis –

b. Causative agent –

c. What are two reasons that babies tend to have more of these types of infections?

d. Is an antibiotic called for? If so, what are you going to prescribe?

e. Would vaccination have helped? Why or why not?