



i-Human Case Study: Evaluating and Managing Cardiovascular Conditions

Student Name

Department of Nursing, Walden

University

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Lifespan Professor: Dr. Nancy Hadley

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Primary Diagnosis and [ICD-10 code](#):

- Pharyngitis, group A streptococcal (ICD-10 J02.0) – Pharyngitis is the infection of the oropharynx's mucous membranes. The most common etiology for bacterial streptococcal pharyngitis is *Streptococcus pyogenes*, also known as group A streptococcus. Suggestive criteria for group A streptococcal pharyngitis includes a history of an abrupt onset of fever, a sore throat, exposure to someone with group A streptococcal pharyngitis within the past two weeks, and the absence of a cough (Ashurst, 2023). The patient in this case had similar symptoms that most align with this diagnosis. The patient also had a possible exposure in relation to her reporting that her roommate had a sore throat earlier in the week. The guidelines I used to formulate this diagnosis are from the Infectious Diseases Society of America (Shulman et al., 2012).

Differential Diagnoses:

- Pharyngitis, viral (ICD-10 J02.9) – Viral pharyngitis is caused by viruses such as rhinovirus, adenovirus, herpes, influenza, Epstein-Barr virus, coronavirus, parainfluenza,