

Mayhem in May: Susceptibility, Symptoms, Progression, and Complications of COVID-19

by

Jayashree Sarathy, Faith Donner, Tiara G. Pérez Morales, Daniyal Mehmood, & Gerda Simkeviciute



Pre-Case Assignment

Answer the following questions before you start working on the case study. For Question 5 below, identify the source(s) where you found this information where indicated with an asterisk (*). More than one answer could be correct for some questions.

1. What is the virus that causes COVID-19?
 - A. SARS-CoV
 - B. Influenza A(H1N1)
 - C. SARS-CoV-2
 - D. MERS-CoV
 - E. Two of the above
2. What are common symptoms for COVID-19?
 - A. diarrhea
 - B. fever
 - C. loss of taste and smell
 - D. cough
 - E. all of the above
3. What is the genetic material in this coronavirus, SARS-CoV-2?
 - A. DNA
 - B. RNA
 - C. both A & B
 - D. none
4. What type of cell does the SARS-CoV-2 virus mainly target in the alveoli?
 - A. alveolar epithelial cells
 - B. bronchial smooth muscle cells
 - C. capillary endothelial cells
 - D. macrophages
 - E. none of the above
5. What is the mortality rate due to COVID-19 in the United States as of April 2022?
 - A. 8.5%
 - B. 0.9%
 - C. 3.3%
 - D. 96.7%
 - E. 1.2% *Source: _____

6. What do the following terms mean?

Dyspnea:

Tachycardia:

Pyrexia:

Hematemesis:

Hematochezia: