

Student Sheet

Title: Doctor for a Day

Name: _____ Period: _____

Background Information:

Doctors face countless diagnosis' each day as patients enter their offices. They must use their knowledge to correctly ascertain what is ailing the patient based on the symptoms the patient demonstrates and describes. Sometimes correct diagnosis is a life or death matter. If a doctor cannot identify the ailment from sight, she or he will run lab tests; consult colleagues, reference books, and legitimate sites on the Internet for help.

Purpose:

As a small group, you will be given an organ from one of the organ systems of the human body. You will first decide what the problem is in the organ. You will next research the physical symptoms the patient would display, and finally the resulting impact on the body. You will then write a case study describing the patient's symptoms, to be used by other groups in the class. Groups will exchange case studies and using reference books and the Internet will determine the physiological problem affecting the organ and the results in the body.

Procedures:

1. Obtain a slip of paper from your teacher with a system and organ.
2. Decide on the problem of the organ and identify observable symptoms.
3. Explain the results on the body on a microscopic and macroscopic level from this problem.
4. Write up a case study to be used by other groups in the classroom. This should describe the situation that may have caused the problem and the observable symptoms. Please do this on your own sheet of paper. (Each person in the group should write this up)
5. Exchange case studies with 4 other groups.
6. Complete Data Table 1: Case Study Research.

Research:

Organ System Involved:

Organ Malfunctioning:

Problem: Describe what has malfunctioned with the organ.

Symptoms: Describe what the patient is experiencing and any traumatic events that were involved with the organ problem that the patient experienced.

Results: What is actually happening in the body because of the malfunction? This should include macroscopic and microscopic descriptions.

Data:

Data Table 1: Case Study Research

System 2 points	Organ 2 points	Problem 5 points	Symptoms 1 point	Results 10 points
Research to find the system to which the affected organ belongs.	Research to find the organ that is malfunctioning.	What is specifically going wrong with this organ?	Fill in the symptoms given you in the case study.	What is actually happening in the body because of the malfunction? This should include macroscopic and microscopic descriptions.

Conclusions:

Please explain 3 things that you learned by completing this assignment. Be sure to be detailed and include significant concepts or ideas. Use complete sentences.