

Biology 2402: Human Anatomy & Physiology II
Project Information Sheet

As you are aware, humans are complex organisms. Literally thousands of things can go wrong with our bodies – ranging from infectious diseases to genetic disorders to metabolic abnormalities. Unfortunately, during our short time together we do not have the opportunity to delve into the cause and effect of these interesting homeostatic imbalances. This project allows you the opportunity to explore a disease of interest to you and to teach me something new!

The project this semester will use the “Case Study” format. Each student will select a “Vital Signs” article from “Discover” magazine at the following link
<http://discovermagazine.com.lscsproxy.lonestar.edu/>

(or other journal or medical TV show – with prior approval from the instructor).
No two students may use the same article, so it is best to turn your topic in ASAP. It is important to do some preliminary research to be sure that recent, reliable information sources are available and that you can find information about the cause and treatments of the disease. **(If the cause is unknown or there are no treatments, the disease should not be selected since these are important parts of the paper.)**

Your project should contain the following (in this order):

- 1. Cover Page with your name, the article name, and the date.**
- 2. The report in Case Study Format (*see below).**

***CASE STUDY FORMAT**

Please use the following subheadings in the order listed.

Patient & Family Background. State the patient’s age, sex, medical history, and any other pertinent information about the patient. (Some articles have very limited information, you must still include this section.)

Patient’s Chief Complaint (including symptoms and any recent developments). **Initial Diagnosis** (or diagnoses)

- a. State the original diagnosis (diagnoses) and explain any tests done to assist with the diagnosis.
- b. Research this diagnosis – describe the cause of the disease, geographic or demographic patterns associated with the disease, any other typical symptoms or tests that can help with diagnosis. (Please note this should be a major section of your paper.)

Treatment of the Initial Diagnosis

- a. Describe the treatment given the patient.
- b. Research the treatment and explain how the treatment works. Describe alternative treatments that may be used. (Please note this should be a major section of your paper.)

Final Diagnosis (*if applicable*)

- a. If the original diagnosis was changed, state the new diagnosis. Research and describe the new disease diagnosed.

Treatment of the New Diagnosis (*if applicable*).

Patient status at the end of the article.

- a. State the outcome of treatment for this patient.
- b. Research the typical outcome and compare it with this patient.

References Cited page. This section should list all references cited in your paper (it should not include any references that you have not cited).

An opinion page. A short paragraph about what you thought about article and what you learned while researching the disease.

A copy of the article.

The Details:

1. Write in clear and grammatically correct English.
2. The Case Study section should be approximately 3-5 pages in length.
3. Please use 1.5 spacing, font Times New Roman size 12, black ink, white paper, standard 1 inch margins.
4. Use a minimum of 5 cited references. **At least 2 of these references** must be from a peer reviewed article (i.e. an article about original research on the topic published in a reputable journal such as American Journal of Nursing, the Journal of the American Medical Association, or Professional Case Management). Use the Academic Indexes available through the library to access this type of material. A word about Wikipedia – Wikipedia is a good source to get some general information about a topic and it can be an excellent place to find other reliable references about the topic (links are often provided at the end of the article). Wikipedia itself should not be used as a source of information in an academic paper.
4. **QUOTATIONS – no more than 3 short quotes. Information should be written in your own words unless it is going to change the context of the sentence.**
5. **Proper in-text citations and a Literature Cited page are required. Please use MLA for both the in-text citation and the references list.** The library here has reference materials for proper formatting; the English tutors in the ELC are familiar with MLA, your English composition book also has this information, or use this link: <http://www.lonestar.edu/library/citation-help.htm>. For on-line references be absolutely sure you have the correct URL; I must be able to use the URL to view the cited reference.
6. The work must be your own. Plagiarism is a serious academic offence. If you have any doubts about what is considered plagiarism, please review the information on the following site: <http://www.lonestar.edu/library/plagiarism.htm>. No credit will be awarded to a plagiarized paper. Additionally, direct quotes from a source can be used when the author has made a statement in such an eloquent manner that the words would lose meaning if summarized – however be sure to keep quotes to a minimum and be sure they have quote marks and are properly cited.
7. You may turn your paper in early but **NO** late papers will be accepted. **Two copies** must be submitted: One **hard copy** must be turned in to me and another copy of the paper must be submitted to the **drop box on D2L**.
8. The project is worth 10% of your class grade.

The following timetable will help you to be more successful in producing a good quality paper:

Wednesday 30th September – Topic due

Wednesday 11th November - Rough draft due. This will not be graded but I will look over it and write comments for guidance. No rough drafts will be accepted after this date.

Wednesday 23rd November – Final report due. **No late assignments accepted.**