DOCTOR Google

A 2013 study found that people are more likely to ask Google about their illnesses than their doctors.

Unfortunately, 25% of people who use Google to diagnose themselves do so incorrectly; leading them to believe they have diseases they don't really have.

For this project, you will learn how to responsibly diagnose ailments using reputable online tools in a systematic manner.

BUT REMEMBER – this should only be used as a first step to inform yourself. Always seek the advice of medical professionals to confirm your suspicions.

You have been assigned a patient. Carefully read over their profiles and follow the instructions outlined below:

1. Diagnose the Patient [THINKING/INQUIRY]

   ✓ Collect Information regarding their medical history in the **"SUMMARY OF SYMPTOMS"** chart

   ✓ List the symptoms they are experiencing and pay close attention to the ones that may be **UNIQUE**

   ✓ Research **TWO** or **THREE** medical conditions that best match your patient's symptoms and record your findings in the **"CLINICAL NOTES"** table provided

   ✓ If possible, describe the medical tests that are usually done to confirm your diagnosis

   ✓ Complete the **"DIFFERENTIAL DIAGNOSTIC CHART"** to reduce your list of possible illnesses down to **ONE** final diagnosis based on your research

2. Treatment Plan [APPLICATION]

   ✓ Based on your final diagnosis, prepare an appropriate treatment plan for your patient

       i.e. What types of medication, therapy, or surgery are required?
   How will this impact their quality of life or life expectancy?

3. Patient Follow-Up [COMMUNICATION]

   ✓ Present your findings to your patient.

   ✓ Explain the process of how you came up with the diagnosis, a description of the disease, symptoms, and causes.

   ✓ Describe the treatment plan, prognosis (chance of survival and any lifestyle changes the patient may face)

   ✓ Answer any questions the patient may have.

   ✓ Should be less than 5 min.

Group Members Names:_____ Patient Name:_____

	Beginning 1	Developing 2	Accomplished 3	Exemplary 4	Score
Thinking and Investigation – Based on Clinical Notes [Total _____ / 28]					
Symptoms Chart	A few symptoms identified	Some symptoms identified	Most symptoms identified	All symptoms identified	____ /4
	List of possible underlying medical conditions is missing significant relevant conditions.	List of possible underlying medical conditions does not include all relevant conditions.	All possible underlying medical conditions listed	Possible underlying medical conditions listed, but irrelevant ones eliminated	____ /4
Differential Diagnostic Chart	Differential Diagnosis chart contains significant omissions/inaccuracies .	Differential Diagnosis chart contains some omissions or inaccuracies.	Differential Diagnosis chart is mostly complete and accurate.	Differential Diagnosis chart is complete and accurate.	____ /4
Correct Diagnosis	Final diagnosis is completely wrong.	Final diagnosis is wrong, but somewhat related to actual underlying medical condition.	Final diagnosis is wrong, but closely related to actual underlying medical condition	Final diagnosis is correct and reasoning behind diagnosis is clear	____ /4
Research on 2 – 3 possible diagnoses	2-3 underlying medical conditions are incorrectly identified.	2-3 of the most probable underlying conditions identified.	2-3 of the most probable underlying conditions identified.	2-3 of the most probable underlying conditions identified	____ /4
	Research contains some main ideas, but requires a lot more details	Research covers many of the main ideas, but requires more details.	Research covers most of the main ideas.	Thorough research conducted	____ /4
	Works Cited list has significant omissions, inaccuracies or formatting errors.	Works Cited list has omissions, inaccuracies or formatting errors.	Works Cited list is mostly complete, accurate and correctly formatted.	Works Cited list is complete, accurate and correctly formatted.	____ /4
Application – Based on Content of Formal Letter or Oral Presentation [Total _____ / 28]					
Information about underlying disease	Information (cause of disease, effects, symptoms, plan of treatment, prognosis, further recommendations and community support) contains significant inaccuracies and omissions.	Information (cause of disease, effects, symptoms, plan of treatment, prognosis, further recommendations and community support) contains key ideas, but require details.	Information (cause of disease, effects, symptoms, plan of treatment, prognosis, further recommendations and community support) is mostly accurate and complete.	Information is accurate and complete: Cause of disease; Effects; Symptoms; Plan of treatment; Prognosis; Further recommendations; and Community support	7 items x 4 = ____ / 28
Communication – Based on Oral Presentation [Total _____ / 20]					
Oral Presentation:	Audience cannot understand presentation; there is no sequence of information Low and unclear voice Reads all of report with no eye contact Does not grasp information; cannot answer questions about subject. Uses superfluous graphics or no graphics	Difficult to follow presentation; awkward sequence Sometimes low or unclear voice Occasional eye contact; reads most of report Uncomfortable with information and is able to answer only basic questions Graphics somewhat support presentation	Presents information in logical sequence which audience can follow Mostly loud and clear Maintains eye contact most of the time but frequently returns to notes Student is at ease with expected answers to all questions, but fails to elaborate. Graphics relate to presentation.	Presents information in logical, interesting sequence which audience can follow Loud and clear voice Maintains eye contact with audience, seldom returning to notes Demonstrates full knowledge; answers all class questions with detailed explanations Graphics explain and reinforce presentation.	5 items x 4 = ____ / 20