Medical Lab Simulation

Being a medical doctor is a difficult and challenging task. You along with your team members, will get an opportunity to see just how difficult it can be. As a team, you will assume the role of a family physician. You will look at the adolescent’s medical records, vital stats and perform analysis on a urine sample. From this information, along with Internet resources listed and a few simple tests, your team will make a diagnosis of the patient’s illness and plan a course of treatment.

Process: You will be working in your table teams. The teams will take histories and pertinent information. Following this step, you will then discuss the patient’s medical history, health habits, and subsequently order appropriate medical tests. The medical tests include testing the patient’s urine, taking patient’s blood pressure, pulse, respiration and temperature. You will then research possible disorders through the Internet links that are on the weebly. You will then complete a medical form that gives the diagnosis of the illness and its treatment.

1. Groups must take a full medical inventory for the patient using the provided worksheets
2. After the medical history is complete groups must research medical disorders, and brainstorm ideas for diagnosis.
3. After the brainstorm is complete, you may ask for the results of certain medical tests, or perform your own.
4. Once the tests are completed and the results are complied, team members must reach a conclusion about the diagnosis. Record the diagnosis on your Medical Report Form.
5. Each group must hand in a report with three pieces of evidence (cited MLA format) that justifies their diagnosis, and includes a three-step treatment plan for the patient.

\*\*Your report must be handed in electronically by the end of the class period. We will have a socratic seminar type discussion the following class period.\*\*

Presenting Symptoms for Patient A

Patient A is a 15-year old student in the local high school. He lives at home with his parents and two sisters. Patient A has noticed that he feels very thirsty at almost any time of the day. He also notices that he can hardly stay awake in class and has trouble finishing homework. He has been playing some sports but often finds that he has to stop and rest while other kids keep on going. In spite of the fact that he is losing weight, he just can’t seem to get enough to eat.

He also has noticed that he has a rash but is not sure if it has anything to do with the other stuff that seems to be going on with him. Patient A thought that if he ate more foods containing sugar maybe he would have more energy but so far that doesn’t seem to be working. He feels a little embarrassed but he also is urinating a great deal. At least he thinks he is going more often than most students in class. He often has to be excused from class to use the rest room. As far as he knows his heart is working fine and he has never been treated for anything serious before. He has not been admitted to the hospital for any disorders in the past. Prior to this problem he had been feeling fine. His family is very healthy, one of his great- grandparents had lung cancer but is now in remission. That is the only instance of family medical problems. The school nurse asked him some basic medical information and it has been included in the following pages.