Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CT1\_\_\_\_\_ CT2\_\_\_\_\_

Week 6 Scenarios

a. What systems are involved in this scenario? (CT1)

b. How are the systems being affected? Be specific. (CT2)

c. Which components are working harder and which components are working less? Explain. (CT2)

d.Make a diagnosis. (CT1)

e.What can the patient do to get better? (CT1)

f. Explain to the patient what is happening in their body by using an analogy. (practice)

g. Explain to the patient, if they are in serious danger or if it is normal for their body to react in this way. (CT1)

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| In-Pairs: A 16-year-old boy continues to have an elevated blood pressure of 160/95 even after taking medicine to help reduce his blood pressure. He is really nervous about choosing a university this year and taking his exams. He is eating a lot of junk food, like Doritos and soda. He does not eat breakfast or dinner, only ice cream at night. He is having a lot of headaches. He is not exercising or playing any sports at school. His breathing is hard and painful.  | Individually: An athletic male 20 years old is healthy. Suddenly, he develops fever and pain in his right foot and leg. You give him a physical exam and his foot and leg are red and swollen. You notice a little cut on the bottom of his foot. The patient does not remember having cut himself. His body is reacting very quickly. His foot is the size of a basketball. He does not have an appetite and he feels a lot of pain in his foot because of the swelling. He has not exercised for five days.  |
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| Dilema: You have two patients requiring a heart transplant, but you only have one available heart to transplant and it must be done immediately. Patient 1 is a 25 year old man who smokes 3 packets of cigarettes a day. His skin is pale. He does not exercise. He only eats hamburgers and soda. He doesn’t eat fruits or vegetables. He is always tired, but it could be because of his heart. He has one son and a dog. Patient 2 is a 45 year old woman. She has one older son. She is married. She loves to exercise by riding her bike 4 times a week. She eats fruits and vegetables every day.  | (CT2) Compare both patients. Which systems are healthy in patient 1? Why? Be specific.Which systems are healthy in patient 2? Why? Be specific. Who would you choose to give the organ donation? Why?  |