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## Reflection

I have learned so many things watching the videos. I learned that TB is an infection that starts in the lungs and can affect the kidney, bones, and brain. TB travels through lymph nodes and the blood stream. TB is also the oldest disease among humans. I learned that COPD is the 4<sup>th</sup> leading cause of death. COPD is the cause of volume inhaled and exhaled air is decreased. There are many ways this can happen. Some reasons include clogging of air passages, alveolar walls are damaged, the air passages and alveoli lose their elasticity, and inflammation of the wall and air passages. The people that are most affected by sleep apnea are men. Men store more fat in the neck which causes them to be more at risk than woman. Sleep apnea is when you stop breathing during sleep. Fat gets stored in the back of the tongue and can cause obstruction. This happens during sleep because when we sleep our muscles sleep and relax. When you lay on your back and fall asleep your muscles relax and can obstruct your air way. I also learned that the people at risk for pneumonia are newborn babies and children under 2 years old, regular smokers, people with weak immune systems, and people over the age of 65. If you are a healthy person and contract pneumonia it can be easy for you to recuperate just fine. I learned that the flu virus can cause pneumonia in people. A chest tube is when they insert a tube in the pleural space to remove the air or fluid and it also helps lung expand correctly. A tube can even be inserted into the mediastinum space to drain fluid from around the heart after a patient has cardiac surgery. There are two types of tubes that can be inserted. One of them is wet suction and the other is dry suction. The wet suction is regulated by the height of water in suction and the dry suction is the higher suction pressure. No water in the column to control suction by the dry suction. For the wet suction you can hear and see bubbling. If you see bubbling in the suction that is an indication that there may be a leak in the tube. The reasons for placing a tube could be, pleural effusion (fluid in pleural space), hemothorax (blood in pleural space), chylothorax (lymphatic fluid in pleural space), empyema (infection in pleural space) and after cardiac surgery. While taking care of a patient with a tube you want to make sure that you keep the drain below patients' chest. We do this to prevent anything going back up the tube line into our patient. When we look at the drainage, we want to report the color, the volume, and remember to record regularly. The water seal is used to allow air to be removed from the pleural space and stop air from coming into the lungs. I love learning about the chest tube. When I had the chance to see one was so

amazing. It was so thick and long I really could not imagine that going into a body. These videos help me learn more about the diseases and how to care for a patient with a tube.