

Tuberculosis:

Before watching this video, I had some previous knowledge about TB. I had received a TB test earlier this year in order to be accepted in to nursing school which contributed to helping me better understand this disease process. I learned that TB is contagious and known to be one of the oldest disease processes among humans. I not only learned that TB is contagious but I learned that bcg can treat TB. Although BCG tests can sometimes present a false positive, meaning you may have been exposed but does not necessarily mean that you have TB itself. I learned that if active TB isn't controlled extrapulmonary tuberculosis will result. Some tests that can be taken in order to determine if TB is present are chest x-ray, sputum examination, culture, IGRA test, TST tests are used. I was able to take away that TB drugs also effect the liver and TB is a widespread disease more so in specific countries. I was also able to take away the goal of latent TB. This form of treatment is used to treat unactive TB and prevent the inactivity from becoming active.

Emphysema & Bronchitis:

Prior to watching the video on emphysema and bronchitis I had a knowledge base on each of these topics to build upon. I didn't know that COPD hinders breathing by mimicking air flow over time. The pathophysiology of COPD amazes me throughout this video. I didn't know that the air divides into the two separate bronchial tubes and ultimately end up in the alveoli. I always had a hard time differentiating between emphysema and bronchitis. I was able to learn that emphysema deals specifically within the alveoli walls. Moving forward to bronchitis, the lining of the air passages are clogged that initiates breathing to become hindered. I was also able to take away that some people can have a genetic condition AAT that can contribute to causing COPD.

Sleep Apnea:

Before watching the video on sleep apnea I had little knowledge on what this actually meant. During this video I learned that the tissues in ones throat are becoming flabby and obstructed which is the causative factor to cause apnea to occur while asleep. I also found it beneficial to know that being supine and being in REM sleep can worsen sleep apnea. Some other knowledge basis that I took away from this video were the risk factors of sleep apnea, these being males, those who are obese, race, age, genetics, and nasal obstruction.

Pneumonia:

Before watching this video, I had commonly heard about pneumonia and knew some about it as one of my brother's suffered from it as a newborn. I was able to comprehend that the sacs were filled with pus and fluid when pneumonia occurred within the body. I didn't know that the flu virus can often cause pneumonia. I was able to take away mycoplasma being one of the causative factors of pneumonia as well!

Chest tube:

Prior to watching this video I had some knowledge of chest tubes and their maintenance, however this has always been a topic that confused me at times. I thought chest tubes were only to remove fluid, however I also learned that they can remove air as well. I didn't know that the visceral and pleural space glide together when breathing causing a negative pressure to become present within the body. Mediastinum tubes were those that I have never heard of

before. These tubes are tubes that are placed below the sternum and are used to drain fluid after cardiac surgery. I was also able to add to my little knowledge on chest tubes and understand that there can be wet and dry suction chambers.