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| **Disease Characteristic** | **Typhoid** | **Cholera** | **Tuberculosis** |
| **Infectious Agent** |  |  |  |
| **Mode of Transmission Reservoir(s?)** |  |  |  |
| **Presence of healthy carriers?** |  |  |  |
| **Colonization and Growth – Where?** |  |  |  |
| **What makes person ill?** **Toxins?** |  |  |  |
| **Treatment?****Drug resistance?** |  |  |  |
| **Social inequalities involved in spread?****Prevention?** |  |  |  |

You have studied 3 diseases as exemplars of bacterial pathogens: Cholera, Tuberculosis and Typhoid all have long histories. In the 19th century, there were outbreaks of all three in the US and Europe. As a result of the lack of public awareness, no antibiotics, and poor sanitation, these outbreaks took a great toll on human life. Now we will consider these diseases in today’s world. AS A GROUP -EACH PERSON CHOOSE A DISEASE and research the following:

**As a group discuss:**

1. Identify three likenesses and/or differences between these diseases: Elaborate.
2. Go to HealthMap.org and identify where in the world these diseases are most prevalent today. (Top three places for each)
3. In your opinion, compare the threat of these illnesses to populations today and identify which of these three represents the greatest threat and why.

**Individually – on a separate Word Document:**

1. Look up the difference between the terms ‘isolation’ and ‘quarantine’. Which term best describes what happened to Typhoid Mary? Explain.
2. What diseases (in the US) allow individuals to be quarantined?
3. Research two recent cases of quarantine/isolation and explain why each was necessary.
4. Mary Mallon was offended and angered that the government took away her freedom when she was sent to North Brother Island. How do you feel about the right of the government to enact such drastic limits on a person’s freedom?