11. What precipitates these agencies getting involved?

a large disease outbreak

12. What is the role of these agencies?

to track the disease / outbreak and work to prevent further infection and develop a vaccine

13. What is the time frame from onset to manifestations of symptoms i.e. incubation period and then to death?

within 3-4 days

14. What are the actions taken by the CDC in terms of containing the infection?

PPE, quarantine, tracking the transition of the disease

15. What is an "R naught"(R_0)?

Reproductive rate of the virus

16. What do the investigators do to protect themselves?

PPE, quarantine

17. Calculate the mortality rate from the disease in the first 7 days in Minneapolis?

87 cases 15 deaths, around 20-25%

18. What does the epidemiologist from the WHO do to track the progression of the disease?

Look through security footage to trace spread of disease

19. What is an epidemic? versus a Pandemic?

Epidemic - In the country / local population

Pandemic - world wide population.

20. What is a quarantine?

social isolation for a period of time

21. Why does the husband not get sick? What type of immunity does he have?

He's immune / Natural immunity