

## N442 Contagion Video handout

Use your textbooks to understand epidemiology and nursing implications for communicable diseases.

1. Do you think the discussion with the physician right after his wife dies realistically portrays how a medical provider could explain such a phenomenon?

yes. The doctor didn't have answers for the husband but tried to remain empathetic. This is what happens realistically.

2. How many times do you touch your face during the movie?

5 times.

What do they quote as the range in which people touch their face in an hour?

2,000 - 3,000 per. day

3. Identify the chain of infection:

Infectious agent → reservoir → portal of exit → mode of transmission → portal of entry → susceptible host

4. What is/are the infectious agent?

Virus called MVI. Examples of infectious agents are bacteria, fungi, viruses, and parasites. It is a organism that can produce the disease.

5. What diseases did they rule out?

Nile west, measles, polio, and swine flu

6. What is the reservoir?

The habitat where the infectious agent lives. The agent can also grow and multiply in the reservoir.

7. What are the portals of entry? The portals of exit?

Portals of entry are the mouth, nose, and eyes.

portal of exit are feces, bodily secretions, and coughing/sneezing

8. What are the fomites? Can the virus live for 6 days on a box?

Examples of fomites include sinks, silverware, doorknobs, and railings. Anything commonly touched. No, a virus cannot live for 6 days in a box.

9. What is the process they take to determine what the disease is?

Determining where the virus came from. Also, studying the symptoms to rule out other diseases.

10. What agencies get involved?

The CDC, WHO, and homeland security