

Virology Live Fall 2021
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Study Questions for session 14 – Adaptive immunity

These questions are intended to summarize key points from this session and prepare you for the exams.

1. What are the characteristics of an acute infection? Why are they public health problems?

2. What is an inapparent infection? How do we know that some viruses cause inapparent infections?

3. Describe features of these viruses that make them cause acute infections:

Influenza

Poliovirus

measles virus

norovirus

West Nile virus.

4. How are infections with the following viruses transmitted: influenza, poliovirus, measles virus, norovirus, West Nile virus.

Influenza

Poliovirus

measles virus

norovirus

West Nile virus.

5. What causes the paralysis of polio? Is everyone who is infected paralyzed? Is quarantine effective at preventing spread of infection? Why is viral entry into the CNS a dead end?

6. What features of COVID-19 make it an acute infection and what clouds this classification?