

# PNS-Microbiology

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Archive

Lecture 1

polio viruses

Edited by:

# PNS-Microbiology **Lecture 1**

1.Regarding poliovirus and poliovirus vaccines, which one of the following is MOST ACCURATE?

- a- Poliovirus is sensitive to acidic pH
- b- Poliovirus remains latent within sensory ganglia, and reactivation occurs primarily in immunocompromised patients
- c- Reversion of serotype 3 to virulence could occur with the oral Sabin vaccine that can cause paralytic polio
- d- Serotype 3 of poliovirus is the most virulent type
- e- Being given orally considered an advantage for the killed Salk vaccine

answer, not sure

2.All are true about poliovirus, EXCEPT?

- a. Type I is responsible for most epidemics
- b. It is transmitted by feco-oral route
- c. Type I responsible for vaccine paralytic poliomyelitis.
- d. Asymptomatic infections are common in children
- e. No permanent carrier in poliovirus infection

Answer,C

3.All of the following true about polio virus except

**There are Four serotypes**

Site of action of Poliovirus : **anterior horn cells of the spinal cord**

Most common mode of transmission of polio virus is -

**Answer : feco oral**