HERPES VIRUSES I & II: LATENT VIRAL INFECTIONS

DATE: Friday, April 5, 2019 – 8:00 am
     Friday, April 5, 2019 - 9:00 am

READING ASSIGNMENT:
Murray Medical Microbiology, 7th Edition - Chapter 51

EDUCATIONAL GOAL:
You will be able to describe the sites of herpesvirus infection and latency and recognize the clinical diseases associated with herpesvirus infection.

KEY CONCEPTS AND LEARNING OBJECTIVES:

To attain the goal of this lecture the student will be able to:

- Outline the replicative scheme of human herpesviruses in terms of entry, site of replication, and virus shedding
- State the clinical diseases caused by the eight human herpesviruses
- Describe the differences between primary and recurrent herpesvirus infections
- List the sites of latency for each herpesviruses
- Describe the epidemiology of each of the eight human herpesviruses in terms of mode of transmission and age of occurrence of primary and recurrent infections
- Describe the mechanism of action of acyclovir, pretelivir, ganciclovir and letermovir.