

HERPESVIRUS

- **HUMAN HERPES SIMPLEX 1 (HHV1)**
- **HUMAN HERPES SIMPLEX 2 (HHV2)**
- **VARICELLA-ZOSTER VIRUS (HHV3)**
- **EPSTEIN-BARR VIRUS (HHV4)**
- **HUMAN CYTOMEGALOVIRUS (HHV5)**
- **HUMAN HERPESVIRUS 6 (HHV6)**
- **HUMAN HERPESVIRUS 7 (HHV7)**
- **HUMAN HERPESVIRUS 8 (HHV8)**
- **CERCOPITHECINE HERPESVIRUS 1 (MONKEYS)**
HERPES B

HERPES DISEASES

- ALL HERPES VIRUSES BEGIN AND END AS ACUTE DISEASES AND THEY ALWAYS HAVE A LATENCY PERIOD IN WHICH NO INFECTIOUS VIRUS IS PRESENT.
- ALL HERPES VIRUSES ENDURE FOR LIFE.

CERCOPITHECINE HERPESVIRUS 1

- CERCOPITHECINE HERPESVIRUS 1
(OLD WORLD MONKEYS) ALSO
CALLED

HERPESVIRUS SIMIAE

HERPES B

MONKEY B VIRUS

HERPESVIRUS B

- **HERPES VIRUS B**

- THE NATURAL HOST FOR THIS VIRUS IS THE RHESUS AND CYNOMOLGUS MACAQUE MONKEY (GENUS: *MACACA*).
- 70% OR MORE ARE INFECTED.
- THESE ARE ANY OF A NUMBER OF OLD WORLD MONKEYS FROM SOUTHERN ASIA AND THE EAST INDIES.

- THE VIRUS IS GENERALLY MILD IN MONKEYS BUT CAN BE FATAL IN HUMANS. THE VIRUS HAS BEEN FOUND IN TRIGEMINAL AND LUMBOSACRAL GANGLIA OF MONKEYS. THE VIRUS IS FOUND IN HIGH NUMBERS IN SALIVA, BLOOD, URINE, SEMEN AND FECES.
- SOME MONKEYS CAN BE ASYMPTOMATIC, WHILE OTHERS MAY EXPERIENCE MILD COLD SORES ON MUCOUS MEMBRANES.

- TRANSMISSION TO HUMANS IS VIA BITES, CONTACT WITH OTHER BODY FLUIDS OR TISSUES, NEEDLE PUNCTURE, FOMITES (SCRATCH ON CAGE), AND AEROSOLS.

- SYMPTOMS EXPERIENCED BY HUMANS INFECTED WITH THE VIRUS INCLUDE VESICULAR SKIN LESIONS, LOCALIZED NEUROLOGIC SYMPTOMS, ASCENDING PARALYSIS AND ENCEPHALITIS.

- THERE MAY BE CONJUNCTIVITIS, NASAL DISCHARGE, LOCALIZED NEUROLOGIC PROBLEMS, FEVER, HEADACHE REGIONAL LYMPHADENOPATHY, MUSCULAR ACHES, VOMITING, ABDOMINAL PAIN, HICCUPS, PARALYSIS, RESPIRATORY FAILURE, COMA AND DEATH.

- VIRUS SPREAD TO THE CNS IS AN OMINOUS SIGN AND MOST PATIENTS DIE. DEATH CAN OCCUR 3 TO 21 DAYS AFTER CLINICAL SYMPTOMS APPEAR.
- THERE IS NO VACCINE AT THIS TIME.
- THIS IS A BIOSAFETY LEVEL 4 VIRUS.

TREATMENT

- RAPIDLY (WITHIN 5 MINUTES) CLEANSE THE WOUND WITH SOAP OR DETERGENT FOR AT LEAST 15 MINUTES.
- THE DRUG OF CHOICE IS VALACYCLOVIR.