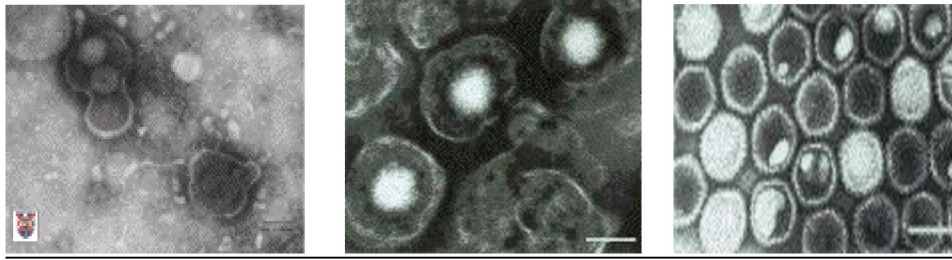


# VARICELLA-ZOSTER VIRUS OR HHV-3



**POWER**— 2+ attack if kid  
4+ attack if adult

2-4 +

**DESCRIPTION**—

- ❖ In the herpesviridae-alpha herpesvirinae-varicellovirus clan (Family/Subfamily/genus)
- ❖ double stranded DNA, enveloped, icosahedral nucleocapsid, unsegmented



**OFFENSES**—

**Attacks** usually human children, but can attack adults. Aerosol transmission. Viremic spread. VZV may camp out in the dorsal root ganglia and may attack again and move down the sensory nerves.

**Outcome**--Primary infection causes varicella (chickenpox). Chickenpox will manifest itself as multiple vesicular lesions in the skin. If reactivation of latent virus (usually in adults) occurs, then VZV causes zoster (shingles) which is noted by vesicular rashes on the skin (usually on upper back) and acute neuritis. Other symptoms may include fever, malaise, and loss of appetite. Complications with varicella may include bacterial infection of lesions, viral pneumonia, encephalitis, cerebellar ataxia. Primary varicella infection can be severe leading to viral pneumomonia and male sterility and very rarely acute live failure.

**Speed**— as primary infection it has an incubation period of 10-21 days and last a week or less; spreads rapidly and infects many cells; zoster-- usually goes away within a few weeks, but neuralgia may persist for a year or more. short reproductive cycle

**DEFENSES**—

Interferon and cellular humoral immunity are important defenses of the body.

**Vaccines**--A live attenuated virus vaccine to prevent varicella-zoster virus infections was licensed in the United States in 1995.

**Behavioral**—Virus is very infectious so a child should be isolated from other children when infected and taken care of until the disease subsides.

**Treatment**—(Drugs) Roscovitine can block viral DNA replication without stopping cellular replication. May take things for pain if developed zoster.

- GAME ACTION**— As a first timer you get to run around making chicken sounds and scratching all over. If get it again you have 10 seconds to name as many things that get on your nerves! (May only get it twice.)

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**YOU MAY BE CUTE AND FUN AS A KID, BUT NOW YOU ARE GETTING ON MY NERVES!**

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# 61



**VIRIMON**



“Cause you don’t wanna catch them all.”

**VZN**