



LAKE LAND JOINT SCHOOL DISTRICT #272

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Communicable Disease Fact Sheet

CYTOMEGALOVIRUS DISEASE (CMV)

Prevalence:

Endemic - common agent within all populations worldwide.

- Presence of serum antibodies in adults: From 60 - 100%
- In USA - 1 % of all newborns have CMV
- One study reported - 50% of three year olds in daycare tested positive for CMV. 10% of all cases of mononucleosis in the 25 - 34 year old group are caused by CMV.

Transmission:

Shedding of virus is excreted in urine, saliva, breast milk, cervical secretions and semen during primary and reactivated infections.

Susceptibility and Resistance:

Infection is nearly universal, yet those with debilitating diseases, the immunosuppressed, and organ recipients are most susceptible. Highest danger to the fetus is primary infection of the mother during 1st trimester of pregnancy.

Preventive Measures:

Due to the endemic nature of CMB in our population and the sporadic, unpredictable and often asymptomatic nature of this disease: We request that all staff adhere to the standards of universal precautions when handling any body fluids from a known or unknown carrier.

This includes:

- Gloving for each diaper change
- Strict hand washing between each contact
- Proper disposal of gloves and diapering materials