

Practice Point

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## Update on congenital cytomegalovirus infection: Prenatal prevention, newborn diagnosis, and management

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For the full text document, visit [www.cps.ca/en/documents](http://www.cps.ca/en/documents).

Cytomegalovirus (CMV) is the leading cause of congenital infection and the most common cause of non-genetic sensorineural hearing loss (SNHL) in childhood. Although most infected infants are asymptomatic at birth, the risk for SNHL and other neurodevelopmental morbidity makes congenital CMV (cCMV) a disease of significance. Adherence to hygienic measures in pregnancy can reduce risk for maternal CMV infection. The prompt identification of infected infants allows early initiation of surveillance and management. A multidisciplinary approach to management is critical to optimize outcomes in affected infants.

**Keywords:** Congenital infection; Cytomegalovirus (CMV); Neurodevelopmental sequelae; Polymerase chain reaction (PCR); Sensorineural hearing loss (SNHL); Valganciclovir

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