

# Download Congenital Cytomegalovirus Infection Epidemiology Diagnosis Therapy

The history of this disease, its pathophysiological background, epidemiology and symptoms, as well as diagnostic and therapeutic strategies, will be discussed in detail. Further a section specifically dedicated to prevention measures is included to the new edition. The chapter on virus-host interaction for defense and transmission is elaborately updated.

Since economic aspects are gaining more and more importance in health politics, one chapter is dedicated to this issue in the context of congenital CMV infection. The content is based on the latest scientific findings and written in an understandable manner, allowing persons not working in the field of congenital CMV to also profit from it. Thus, this book is of interest for medical doctors, nurses, midwives, economists, but also for men and women who want to inform themselves about this topic.

Preface Congenitalcytomegalovirus(CMV)infectionisthemostcommonintrauterine-transmittedviralinfection,andhasatremondousimpactonfetusesand newborns.

Cytomegalovirus is the most common congenital infection causing serious disease in infants. It is the leading infectious cause of sensorineural hearing loss and neurodevelopmental disability in developed countries.

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Since then, many advances have been made in the diagnosis, therapy, and knowledge of the epidemiology of congenital HCMV infection. However, most of these improvements, particularly those ...

This review summarizes the current state of knowledge regarding the epidemiology, pathogenesis, diagnosis, treatment, and prognosis of congenital CMV infection. New and emerging strategies for prevention and therapy are emphasized, including vaccines currently in clinical trials. Key principles of management, including appropriate use of consultants, are summarized. Finally, potential resources for parents raising a child with symptomatic congenital CMV infection are provided.

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Keywords: cytomegalovirus, diagnosis, congenital infection, maternal infection, fetal infection, immunocompromised Cytomegalovirus (CMV) is the largest member of the virus family Herpesviridae and is a ubiquitous virus that infects almost all humans at some time in their lives.

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