CLINICAL ASSESSMENT AND MANAGEMENT
of Congenital Cytomegalovirus (cCMV) Flow Sheet

If Positive Saliva CMV PCR*:
- Send Urine CMV PCR before 21 days of age (Qualitative PCR will suffice)
- Consider consulting Infectious Disease Specialist

*Saliva Loop-Mediated Isothermal Amplification (LAMP) is also an acceptable test

If Positive Urine CMV PCR:
PERFORM ALL THE FOLLOWING TESTS AND REFERRALS BEFORE 30 DAYS OF AGE TO EVALUATE FURTHER FOR EVIDENCE/EXTENT OF CCMV DISEASE:

- CBC with differential
- Liver function panel with T/D bilirubin
- Head Ultrasound (HUS)
- Pediatric Ophthalmology for dilated retinal exam within 3 wks of life
- Otolaryngology
- Consider ID Consultation
- Pediatric Audiology for Diagnostic Auditory Brainstem (ABR) Evaluation (hearing test)

ASYMPTOMATIC if all of the following:
- Normal ophthalmology exam
- Normal ABR
- Normal HUS
- Normal platelet count
- No hepatosplenomegaly
- Normal liver function

Refer to Audiology for routine diagnostic audiological testing by 3 months of age.

Recommended Hearing Testing Intervals:
- Every 3 months until 12 months of age.
- Every 6 months until 3 years of age.
- Every year thereafter.

Isolated Sensorineural Hearing Loss
COMPLETE THE FOLLOWING BEFORE 30 DAYS OF AGE.
- Refer to Infectious Disease

Long Term Monitoring:
- Routine vision screening
- Monitor speech, language, and other developmental milestones.
- Referral to DPH for enrollment in Babies Can't Wait

SYMPTOMATIC if ≥ 1 of the following:
- Thrombocytopenia
- Hepatomegaly
- Splenomegaly
- Intrauterine Growth Restriction (IUGR) or Small for Gestational Age (SGA)
- Microcephaly
- Abnormal HUS
- Hepatitis
- Sensorineural Hearing Loss

For more information visit **www.dph.georgia.gov/EHDI/ccmv**

GEORGIA DEPARTMENT OF PUBLIC HEALTH

References:
Park AH. Outcomes from an Expand-ed Targeted Early Cytomegalovirus Testing Program. J Ped Infect Dis. (2020) 15(04): 189-194 DOI: 10.1055/ s-0040-1709159.

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