

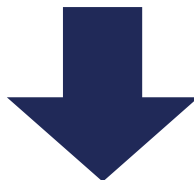


How to Screen for Congenital CMV

A clinical guideline from the Colorado Chapter, American Academy of Pediatrics

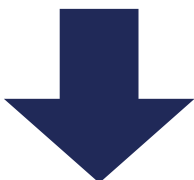
LOOK for risk factors:

1. Did not pass the newborn hearing screen (one or both ears)
2. Small for gestational age: birth weight less than 10th percentile
3. Microcephaly: head circumference less than 10th percentile
4. Thrombocytopenia, petechial rash
5. Hepatomegaly, splenomegaly, elevated liver function tests
6. Abnormal brain imaging
7. Abnormalities on fetal US: ascites, calcifications, echogenic bowel
8. Mother diagnosed with CMV infection during pregnancy



SCREEN if any risk factors are identified:

1. Order CMV PCR on urine or saliva.
2. If saliva PCR is positive, order urine PCR to confirm.
3. Give the family handout:
[Why Is My Baby Being Tested for Congenital CMV Infection?](#)
[¿Por qué mi bebé se está haciendo la prueba para la infección congénita por CMV?](#)



If the urine CMV test is positive:

1. Add **Congenital CMV Infection** to the Problem List
2. Give a handout about [The Colorado cCMV Family Network](#)
3. Refer to pediatric audiology for repeated hearing testing
4. Order a CBC with differential and liver function tests
5. Order brain imaging - head ultrasound or brain MRI
6. Discuss the case with an Infectious Disease specialist
7. Consider referral to a Pediatric Ophthalmologist
8. Refer to Early Intervention

For more information, go to [CMV resources - Colorado AAP](#)