

CHILDHOOD LEAD POISONING

Blood Lead Level (BLL) Quick Reference for Primary Care Providers (Updated 9/17/2016)

REMINDER: Medicaid requires all children to be tested at 12 and 24 months of age. Children between 36 and 72 months who were not previously tested must be tested at least once.

Not Yet Tested

Consider screening ALL children between between 1-72 months.

Need for testing can be based on risk factors

BLL <5 µg/dL

Review lead levels with family

Provide anticipatory guidance on common sources of environmental lead exposure.

FOLLOW UP: Retest in 6-12 months if child is at high risk

BLL 5-14µg/dL

Confirm capillary results with venous blood sample

Review venous sample with family

Take environmental history to identify sources of lead; provide advice about reducing/eliminating exposure

Consider other children who may be exposed

Consider iron sufficiency; provide nutritional counseling related to calcium and iron

Refer to Local Health Department for additional assessment and interventions

FOLLOW UP: Retest venous sample within 1-3 months to ensure BLL is not rising

BLL 15-44 µg/dL

Confirm capillary results with venous blood sample

Review venous sample with family

Take environmental history to identify sources of lead; provide advice about reducing/eliminating exposure

Consider other children who may be exposed

Consider iron sufficiency, provide nutritional counseling related to calcium and iron

Consider specific evaluation of the child based on environmental history e.g. an abdominal x-ray replica behavior

Refer to Local health Department for additional assessment and interventions

FOLLOW UP: Retest venous sample monthly until levels are <15, repeat every 1-3 months until levels are <5

BLL >44µg/dL

Evaluate child for acute lead toxicity. Consider hospitalization and/or chelation therapy

Confirm capillary results with venous blood sample within 48 hours

Any treatment should be performed in consultation with an expert at the Michigan Poison Control Center: 1-800-222-1222

Work with Local Health Department to coordinate case management with family and ensure that child does not return to a lead-contaminated home.

FOLLOW UP: As directed by expert. Monthly venous samples will be required.

**Contact MDHHS CLPPP at
(517) 335-8350**

**Contact MDHHS Lead Safe
Home Program for lead
testing/hazard control help
1- 866-691-5323**