

CHILDHOOD LEAD POISONING

Blood Lead Level (BLL) Quick Reference for Primary Care Providers

Not Yet Tested

Consider screening ALL children between ages 1-6

Need for testing can be based on risk factors

REMINDER: Medicaid requires all children to be tested at ages 1 & 2. Children who were not tested between 1 & 2 must be tested at least once between 3 & 6.

BLL <5

Review lead levels with family

Provide anticipatory guidance

REMINDER: Medicaid requires all children to be tested at ages 1 & 2. Children who were not tested between 1 & 2 must be tested at least once between 3 & 6.

BLL 5-14

Review lead levels with family

Confirm results with venous blood sample

Review venous sample with family

Perform environmental history. Consider other children who may be exposed

Consider iron sufficiency, provide nutritional counseling r/t calcium and iron

Provide anticipatory guidance

Refer to case management

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

REMINDER: Medicaid requires all children to be tested at ages 1 & 2. Children who were not tested between 1 & 2 must be tested at least once between 3 & 6.

BLL 15-44

Review lead levels with family

Confirm results with venous blood sample

Perform environmental history. Consider other children who may be exposed

Consider if a specific evaluation of the child is necessary such as an abdominal x-ray. Gut decontamination may be needed if leaded foreign bodies are visualized in x-ray

Consider iron sufficiency, provide nutritional counseling r/t calcium and iron

Refer to case management

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

REMINDER: Medicaid requires all children to be tested at ages 1 & 2. Children who were not tested between 1 & 2 must be tested at least once between 3 & 6.

BLL >44

Review lead levels with family

Confirm results with venous blood sample

Review venous sample with family

Any treatment at this level should be performed in consultation with an expert at Children's Hospital of Michigan in Detroit.

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

REMINDER: Medicaid requires all children to be tested at ages 1 & 2. Children who were not tested between 1 & 2 must be tested at least once between 3 & 6.

**Questions? Contact us
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