

Managing Elevated Venous Blood lead Tests Procedure

Purpose

Michigan Department of Health and Human Services (MDHHS) Childhood Lead Poisoning Prevention Program (CLPPP) procedure define required actions to effectively manage and resolve venous blood lead tests that are greater than or equal to the blood lead reference value ([DEFINITION OF ELEVATED BLOOD LEAD TEST RESULT \(michigan.gov\)](#)).

Background

Children under the age of six years with a venous confirmed elevated blood lead level (EBLL), which is a BLL equal to or greater than 3.5 µg/dL, are eligible for case management services. Children between six and fifteen years of age may be eligible for case management services upon notification to the MDHHS CLPPP Nurse Consultant.

The goal in contacting individuals with elevated venous blood lead levels is to provide education and facilitate enrollment in nurse case management services or continue services after follow-up venous tests.

Procedure

Results Received Procedures for Local Health Departments:

1. Download blood lead level report via DCH-File Transfer on a weekly basis.
2. Download blood lead level report by close of same business day when notified by MI-CLPPP staff of a daily EBLL ≥ 20 µg/dL.
3. Look child up in case management database system to determine if this is a new or open case. If this is an open case, review blood lead level history and previous case management activities.
4. Reports of a child with a venous BLL of ≥ 45 µg/dL that are reported directly to the local health department or received through DCH-File Transfer require immediate consultation with the CLPPP Nurse Consultant for assistance and coordination of emergency housing and medical treatment.

Contact Procedure: Initial contact, as defined for the purpose of this procedure, is a documented interaction between Michigan local public health and the parent or guardian of the EBLL child where health education is provided to the parent or guardian with the public health intent to engage them in case management for their child. Parent or guardian may be contacted by any role deemed appropriate by local health policy and scope of practice. The intent of the initial contact is to provide education regarding effects of lead exposure, potential sources of lead hazards, availability of environmental investigation and daily lead safe practices; and to facilitate enrollment in, or continuation of, nurse case management services. Contact method should be selected based on severity of blood lead level and the timeframe below; parents/guardians of children with levels ≥ 10 µg/dL must be contacted by phone first. Subsequent EBLL results will be followed up on using the same timeframe.

(New 08.24) PILOT

Blood lead level	Time frame for initial contact
3.5-9.9 µg/dL	Within 2 weeks of referral
10-19.9 µg/dL	Within 1 week of referral, initial contact must be by phone
20-44.9 µg/dL	Within 3 days of referral, initial contact must be by phone
45 + µg/dL	Within 24 hours of referral, initial contact must be by phone

1. At least three contact attempts, using two different methods, must be made prior to closing the individual's chart in the case management database system. Please consider the severity of blood lead level when selecting contact methods; levels ≥ 10 µg/dL must be contacted by phone first.
2. Contact attempts may include but are not limited to the options below. Consult local health department policy to ensure you are following HIPAA guidelines.
 - a. Phone call.
 - b. Letter, if unable to contact by phone ([Family Unable to Reach](#)) with the enclosures: "[What Your Child's Blood Lead Test Means](#)," "[Is Your Child Safe From Lead Poisoning](#)," "[Well Fed Means Less Lead](#)" and [Lead Safe Home Application](#) .
 - c. Email, include link <https://www.michigan.gov/mileadsafe> and any other educational resources as identified by local public health.
 - d. Text, include link <https://www.michigan.gov/mileadsafe> and any other educational resources as identified by local public health.
 - e. Unannounced home visit
3. If contact attempts are unsuccessful, communicate with the child's primary care provider and/or Medicaid Health Plan to facilitate assistance in reaching the parent or guardian must be. If child's blood lead level is ≥ 20 µg/dL, contact Mi-CLPPP Nurse Consultant to discuss next steps. Document all contact attempts in the case management database system as instructed in the MiCLEAR manual. (see Documentation Standards Procedure for instruction)
4. If no return communication has been received from guardian within 90 days, family moves out of state, family moves to another LHD jurisdiction in Michigan or a follow-up BLL is less than BLRV prior to initiating case management, case can be closed.
5. If contact attempt was successful, provide education regarding effects of lead exposure, sources of lead hazards and daily lead safe practices; and facilitate enrollment in nurse case management services by scheduling an initial home visit and initiating Plan of Care.
6. If case management is accepted and provided: Once Initial Home Visit Form has been completed and documented, update Plan of Care as needed, and document subsequent home visits on Follow-up Home Visit Form. Refer to Documentation Standards Procedure for documentation and reimbursement requirements.
7. Once all steps have been completed, refer to Elevated Venous Blood Lead Level Case Closure Procedure to document reason for case closure.

Definitions

Case Management Services: Reimbursable and non-reimbursable services are provided by the Local Public Health Nurse and Community Health Worker. These activities include, but are not limited to, in-person, virtual, or phone home visits; education; communication with family, providers, health plans, and community service organizations; care coordination; physical and social assessment; and referrals. The goals of these activities are outlined in the Plan of Care and are achieved through individualized care addressing physical and social health while prioritizing safe environments for primary and secondary housing.

Eligible Case: A child under sixteen years of age residing in Michigan with a venous blood lead level greater than or equal to the blood lead reference value whose caregiver has not accepted or declined case management services.

Managed Case: Eligible child whose caregiver has accepted and is receiving case management services.

Contact

For additional information on this procedure, contact MDHHS CLPPP at MDHHS-CLPPP@michigan.gov or (517)335-8885.