CENTRAL NEVADA HEALTH DISTRICT

Blood Lead Level Response for Churchill, Mineral, Eureka, and Pershing

CNHD receives a BLL report for a child < 18 years old

→ Test result is < 3.5 µg/dL → No further follow-up actions

Test result is ≥ 3.5 µg/dL

Epidemiology Team

- Epi reviews the positive lab result within two business days of receiving the report.
- Within 3-5 business days of review, the Epi Team will reach out to the family and administer a questionnaire to assess exposure sources and risk factors.
- The lab result and the completed questionnaire gets forwarded to the assigned CHN.

Case Management Services

Within 5-7 business days of lab review, the CHN will:

- Conduct a comprehensive assessment of the child's health status, needs, strengths, and resources.
- Provide the child and their family with tailored education on preventing lead exposure.
- Develop an individualized care plan
- Identify and coordinate appropriate healthcare and community resources to address the client's needs and support their care plan.
- Collaborate with the child's HCP and other care team members.

Follow-up Interventions

Regularly monitor the client's progress towards their goals and adjust the care plan as needed.

- Conduct ongoing assessments to reassess the client's needs and identify any changes or barriers to progress; frequency depends on initial BLL.

Environmental Investigation

Within 10-14 business days of lab review, the EI staff will contact the family to schedule an EI

- The EI includes an inspection of the home and testing paint, soil, dust, water, and household items for lead. The investigator will create a report that thoroughly reviews the EI findings and share it with the family, the Epi team, and the CHN

Case Closure

A blood lead case is considered closed when all of the following are met:

- The child's confirmed venous BLL is below the CDC reference value of 3.5 µg/dL.
- The family has received educational guidance and referral resources.
- The Lead Investigation Risk Assessment (LIRA) has been completed, and any identified environmental hazards have been addressed or mitigated.

Abbreviations

BLL: Blood Lead Level
CHN: Community Health Nurse
CNHD: Central Nevada Health District
EI: Environmental Investigation
Epi: Epidemiology Team
HCP: Healthcare Provider
LIQ: Lead Investigation Questionnaire

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