


**MANAGEMENT GUIDELINES FOR CHILDHOOD LEAD POISONING**

Blood Lead Level (BLL) Capillary OR Venous	Testing and Re-testing	Medical Management	 Notify Public Health Nurse	Public Health Dept. Environmental Investigation <i>(Home Visit)</i>
<b>Less than 9.5 ug/dL</b>	Follow Screening Guidelines: Always test at 12 months <b>AND</b> 24 months of age <b>ADDITIONAL TESTS:</b> If found to be at high risk by questioning	<ul style="list-style-type: none"> <li>■ Evaluate nutrition and risk of lead exposure</li> <li>■ Provide anticipatory guidance to caregiver on lead poisoning, test results, lead hazards and prevention <i>*(nutrition housekeeping, hand washing, controlling hand-to mouth behavior, avoiding take-home lead)</i></li> </ul>	NO	NO
<b>9.5 - 14 ug/dL</b>	<b>RETEST:</b> <i>Venous</i> BLL in 3-4 months <i>(serves as confirmatory BLL)</i>	<ul style="list-style-type: none"> <li>■ History and physical</li> <li>■ Evaluate nutrition and lead exposure history</li> <li>■ Provide guidance to caregiver on lead poisoning, test results, lead hazards and prevention <i>*(as noted above)</i> and importance of retesting</li> <li>■ WIC referral</li> </ul>	YES  800-346-6520	NO
<b>14.5 - 19 ug/dL</b>	<b>FOLLOW-UP:</b> <i>Venous</i> BLL in 1-2 months If second result is in this range - treat as for 20-44 ug/dL If second result is less than 14.5 - repeat blood test in 3 months	<ul style="list-style-type: none"> <li>■ History and physical</li> <li>■ Evaluate nutrition and lead exposure history</li> <li>■ Provide guidance to caregiver on lead poisoning, test results, lead hazards and prevention <i>*(as noted above)</i> and importance of retesting</li> <li>■ WIC referral and consider hct or hgb</li> <li>■ If follow-up venous BLL ≥15, treat as for 20-44 ug/dL, below</li> </ul>	YES  800-346-6520	YES – <u>2 results</u> in this range.  <u>Second result</u> must be at least 30 days after initial result
<b>20 - 44 ug/dL</b>	<b>CONFIRMATORY:</b> <i>Venous</i> BLL in 1 wk to 1 mo. <i>depending on the initial level, (the higher the screening BLL, the more urgent the need for confirmation)</i>  <u>Further follow-up testing</u> - <i>Venous</i> BLL in 1-2 months.	<ul style="list-style-type: none"> <li>■ History and physical</li> <li>■ Evaluate nutrition, psychosocial and neurodevelopmental status and lead exposure history</li> <li>■ Provide guidance to caregiver on lead poisoning, test results, lead hazards and prevention <i>*(as noted above)</i> and importance of retesting</li> <li>■ Hct, hgb, and WIC referral</li> <li>■ Consider FEP, ferritin, Fe/TIBC, &amp; abdominal x-rays</li> <li>■ Refer family members (especially if pregnant) for evaluation and testing; test <b>all</b> children in family</li> </ul>	YES  800-346-6520	YES  <u>one result</u> in this range
<b>45 - 69 ug/dL</b>	<b>45-59 ug/dL- CONFIRMATORY:</b> <i>Venous</i> BLL within 48 hrs <b>60-69 ug/dL- CONFIRMATORY:</b> <i>Venous</i> BLL within 24 hrs  <u>Further follow-up testing</u> - <i>Venous</i> BLL as appropriate, at least within 1 mo	<ul style="list-style-type: none"> <li>■ As above for 20-44 ug/dL</li> <li>■ Consider hospitalization to prevent further exposure, implement treatment, and monitor response</li> </ul>	YES <u>urgent referral</u>  800-346-6520	YES  <u>one result</u> in this range
<b>Equal or greater than 70 ug/dL</b>	<b>CONFIRMATORY:</b> <i>Venous</i> BLL STAT  <u>Further follow-up testing</u> - <i>Venous</i> BLL as appropriate, at least within 1 mo	<ul style="list-style-type: none"> <li>■ As above for 20-44- ug/dL</li> <li>■ Immediate hospitalization to prevent further exposure, implement treatment , and monitor response</li> </ul>	YES <u>immediate referral</u>  800-346-6520	YES  <u>one result</u> in this range