Infant and Neonate Evaluation & Testing Algorithm

Did birthing parent have an elevated blood lead level of 5 μg/dL or higher during pregnancy?

YES

Test at birth via umbilical cord or infant venous blood sample.

If BLL is < 5 μg/dL

No further testing, reassess at next wellness check-up

If BLL is ≥ 5 μg/dL

Follow-up Testing for Neonates (<1 month of age) and Infants (<6 months of age)

<table>
<thead>
<tr>
<th>Venous Blood Lead Level (μg/dL)</th>
<th>Perform Follow-up Testing</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 – 24</td>
<td>• Within 1 month (at first newborn visit)</td>
</tr>
</tbody>
</table>
| 25 – 39                         | • Within 2 weeks.  
• Consultation with a clinician experienced in the management of children with BLLs in this range is strongly advised. |
| ≥ 40                            | • Within 24 hours, then frequent intervals depending on clinical intervention and trend blood lead levels  
• Prompt consultation with a clinician experienced in management of children with BLLs in this range is strongly advised. |

NO

• Did birthing parent ever have a venous blood lead level of 5 μg/dL or higher?  
• Does anyone in the family use home remedies, folk medicines, or Ayurvedic medicines or creams? Were any of these used during pregnancy?  
• Does someone residing in or frequently visiting the home have a job or hobby that may involve lead?

YES

Administer Blood Lead Test

If BLL is ≥ 5 μg/dL

If BLL is < 5 μg/dL

No further testing, reassess at next well child visit

NO

No testing, reassess at next well child visit

All confirmed venous blood lead levels of ≥5 μg/dL will receive case management services from IDPH.

Report ALL venous blood lead level results to IDPH.  
Fax: 217-557-1188