**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
    - No further testing, reassess at next well child visit

- **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?

**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. |

<table>
<thead>
<tr>
<th>BLL Level</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 5 μg/dL</td>
<td>YES</td>
</tr>
<tr>
<td>&lt; 5 μg/dL</td>
<td>NO</td>
</tr>
</tbody>
</table>

**Administer Blood Lead Test**

- If BLL is ≥ 5 μg/dL
  - Yes testing, reassess at next well child visit
- If BLL is < 5 μg/dL
  - 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