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Childhood Lead Poisoning Prevention Program Referral Intervention Process	7/1/2023		Version 1.0

UNIVERSAL BLOOD LEAD SCREENING

Screen all children from nine months to six years of age (9 to 72 months) for lead poisoning at least once annually.

For a child between nine and 36 months of age:

- Screen once between nine and 15 months of age, and
- Screen again 12 months later, between 21 and 36 months of age.

If the child has an elevated blood lead level, follow the recommended actions.

For a child between 36 and 72 months of age:

- If a child was screened at least twice prior to 36 months of age, and any test was greater than or equal to 5 µg/dL, continue to order a blood lead test at least once a year until the child is six years old.
- If a child was screened at least twice prior to 36 months of age, and ALL tests were lower than 5 µg/dL, the Risk Assessment Questions below can be used instead of a blood lead test to screen for lead.
- If a child was NOT screened at least twice prior to 36 months of age, order a blood lead test. If the blood lead level is higher than or equal to 5 µg/dL, follow the recommended actions and screen annually.
- If the blood lead level is lower than 5 µg/dL, the Risk Assessment Questions below can be used instead of a blood lead test, to screen for lead, in the future.

Note: Children who are developmentally delayed should receive blood lead screening tests at intervals appropriate to their developmental age.

RISK ASSESSMENT QUESTIONS

If the answer to ANY of these questions is YES, order a blood lead test. If the answer to ALL of these questions is NO, blood lead testing can be discontinued, but the Risk Assessment Questions should be asked annually until the child is six years old.

1. Does your child live in or regularly visit a house built before 1978 with peeling or chipping paint (daycare center, pre-school, home of babysitter, friend, or relative)?
2. Does your child live in or regularly visit a house built before 1978 that has been renovated or remodeled in the last six months?
3. Does your child have a brother, sister, housemate, or playmate who has or did have lead poisoning?
4. Does your child live near an active smelter, battery recycling plant, or other industry likely to release lead?
5. Does your child live with an adult whose job (i.e., construction, painting) or hobby (i.e. pottery, stained glass, furniture refinishing, automotive bodywork, or boat refinishing) involves exposure to lead?

Schedule for Confirmation of Venous Test after Capillary Test

Capillary Screening Test Result	Perform Venous Test Within
0-4 µg/dL	No Confirmation needed
5-19 µg/dL	Three Months
20-44 µg/dL	One Week
45-69 µg/dL	48 Hours
> 70 µg/dL	Immediately

Criteria based on Venous BLL

Criteria based on Venous BLL	Recommended Actions for Primary Care Providers
<5 µg/dL	Provide lead education and continue to assess for lead exposure risk at every well-child visit using the Risk Assessment Questions.
5 – 19 µg/dL	<ul style="list-style-type: none"> • Retest in three months. • Explain child's lead level to parents. • Assess nutritional status. • Test siblings younger than age six. • Provide lead education (for brochures call, 401-222-5852). • Inform family that the Department of Health has referred them to a lead center for non-medical case management services and lead center will follow up.
20 – 44 µg/dL	<ul style="list-style-type: none"> • Follow same recommendations for venous BLL 5-19 µg/dL. • Refer for medical evaluation and treatment. • St. Joseph Lead Clinic: 401-456-4310 • NEPIN: 401-729-6200
≥ 45 µg/dL	<ul style="list-style-type: none"> • Follow same recommendations for services for venous BLL 5-19 µg/dL. • Repeat immediately as stat lab test. If test result is ≥ 45 µg/dl consider hospitalization. • Follow up test in one week

QUESTIONS?

RHODE ISLAND DEPARTMENT OF HEALTH
 HEALTH INFORMATION LINE 401-222-5960
 CHILDHOOD LEAD POISONING PREVENTION PROGRAM
www.health.ri.gov/healthrisks/poisoning/lead
 RHODE ISLAND DEPARTMENT OF HEALTH LABORATORY 401-222-5600

RHODE ISLAND LEAD CENTERS:

BLACKSTONE VALLEY COMMUNITY ACTION 401-732-5045
 EAST BAY COMMUNITY ACTION 401-437-0006 X141
 ST. JOSEPH LEAD CENTER 401-456-4310
 WEST BAY COMMUNITY ACTION 401-732-4660 X148
 RHODE ISLAND HOUSING 401-751-5566
 RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (DEM) 401-222-1360
 CHILDHOOD LEAD ACTION PROJECT 401-785-1310