

Childhood Blood Lead Level Testing Guidelines for Treatment and Follow Up of Children Under 6 Years of Age

Healthcare providers are the **first line of care** and provide initial information and services to families.

Services provided by public health are based on **current resources available in Iowa**.

Recommended services can be provided by the entities marked with a ✓

BLOOD LEAD LEVEL TEST RESULT	RECOMMENDED SERVICE	PROVIDER	PUBLIC HEALTH
For ALL blood lead levels →	Inform family of blood lead test result and meaning	✓	
	Use <i>Iowa Lead Poisoning Risk Questionnaire and Blood Lead Testing Guidelines</i> to determine when next blood lead test is needed	✓	
	Provide information to family about lead poisoning risk factors and household safety tips , including: <ul style="list-style-type: none"> Washing hands regularly Cleaning hard surfaces with wet disposable cloth or mop Remove shoes before coming indoors Ensuring adequate calcium and iron intake 	✓	✓
	Describe health complications associated with lead exposure	✓	✓
< 3.5 mcg/dL	Continue routine testing based on <i>Iowa Lead Poisoning Risk Questionnaire and Blood Lead Testing Guidelines</i>	✓	
3.5 to 14 mcg/dL	Use <i>Iowa Lead Poisoning Risk Questionnaire and Blood Lead Testing Guidelines</i> to determine when next blood lead test is needed <ul style="list-style-type: none"> In Iowa, capillary tests 10 mcg/dL and above must be confirmed with a venous test 	✓	
	Test for iron deficiency	✓	
For all venous blood lead levels ≥ 15 mcg/dL	Test for iron deficiency	✓	
	Conduct nutrition assessment	✓	✓
	Conduct home nursing visit		✓
	Identify lead hazards with a lead inspection or visual risk assessment		✓
15-19 mcg/dL	For venous test result, schedule follow-up blood lead test in 12 weeks ; For capillary test result, order venous confirmatory test	✓	
For all venous blood lead levels ≥ 20 mcg/dL	Medical evaluation by a physician, including abdominal x-ray for paint chips or objects	✓	
20-44 mcg/dL	For venous test result, schedule follow-up blood lead test in 4-6 weeks; For capillary test result, order venous confirmatory test	✓	
45-69 mcg/dL	Inpatient or outpatient CHELATION THERAPY IS RECOMMENDED. <ul style="list-style-type: none"> Consult with the Iowa Poison Control Center: 800-222-1222 	✓	
	For capillary test result, order venous confirmatory test immediately	✓	✓
	Conduct venous test before chelation, at end of chelation, and 7 days after chelation	✓	
≥ 70 mcg/dL	For capillary test result, order venous confirmatory test immediately	✓	✓
	Inpatient CHELATION THERAPY IS RECOMMENDED <ul style="list-style-type: none"> Consult with the Iowa Poison Control Center: 800-222-1222 	✓	
	Conduct venous tests before, immediately after, and 7 days after chelation therapy	✓	