

Pediatric Medical Case Management for Venous Confirmed Blood Lead Levels

Venous Re-testing Schedule		
Venous Blood Lead Level	Early Follow-Up (first 2-4 times after identification)	Late Follow-Up (after blood lead level declining)
5 - 9 µg/dL	3 months	6 - 9 months
10 - 19 µg/dL	1 - 3 months	3 - 6 months
20 - 24 µg/dL	1 - 3 months	1 - 3 months
25 - 44 µg/dL	2 weeks - 1 month	1 month
45+ µg/dL	Initiate chelation and re-test in 7 - 21 days	As clinically indicated. Contact the Health Department for consultation.

Childhood Blood Lead Clinical Treatment Guidelines for Venous Confirmed Blood Lead Levels					
These guidelines were created for children from 6 to 72 months of age.	Blood Lead Levels in Micrograms Per Deciliter (µg/dL)				
	5-9	10-44	45-59	60-69	70+
Medical Evaluation					
TREAT AS AN EMERGENCY – potential encephalopathy				X	X
Check abdominal x-ray Other diagnostic tests: BUN, CBC, Creatinine, UA and liver enzymes			X	X	X
Monitor neurodevelopment (especially language skills and concentration ability)		X	X	X	X
Check nutritional status (especially iron status and calcium) Rule out iron deficiency and treat if present	X	X	X	X	X
Medical Management					
This level requires chelation - recommend the use of succimer per routine dosage. Consult the Health Department for information regarding chelation treatment.			X	X	X
Discharge inpatient cases ONLY to LEAD-FREE ENVIRONMENT			X	X	X
In-home treatment indicated only in situations of: <ul style="list-style-type: none"> • Lead-free environment • Highly compliant family • Home health care monitoring 			X	X	X
Iron supplement if deficient <ul style="list-style-type: none"> • Be sure to stop iron therapy prior to chelation 	X	X	X	X	X
Educate family – discuss <ul style="list-style-type: none"> • Potential sources of lead and ways to reduce or remove exposure • Dangers of improper lead abatement/remodeling • Nutrition – encourage high iron/high calcium diet • Chronic nature of problem (need to re-test) 	X	X	X	X	X
Provide written, culturally appropriate lead poisoning prevention education materials.	X	X	X	X	X
Follow-up					
Screen other children under six in the home	X	X	X	X	X
Follow re-test schedule above	X	X	X	X	X
The Health Department will offer phone education.	X				
The Health Department will conduct an environmental inspection. This is triggered independently when the Health Department receives the lab test results.		X	X	X	X

Contact the Lead Poisoning Prevention Program at **802-865-7786** or toll-free in Vermont at **800-439-8550** for clinical consultation or lead education materials.