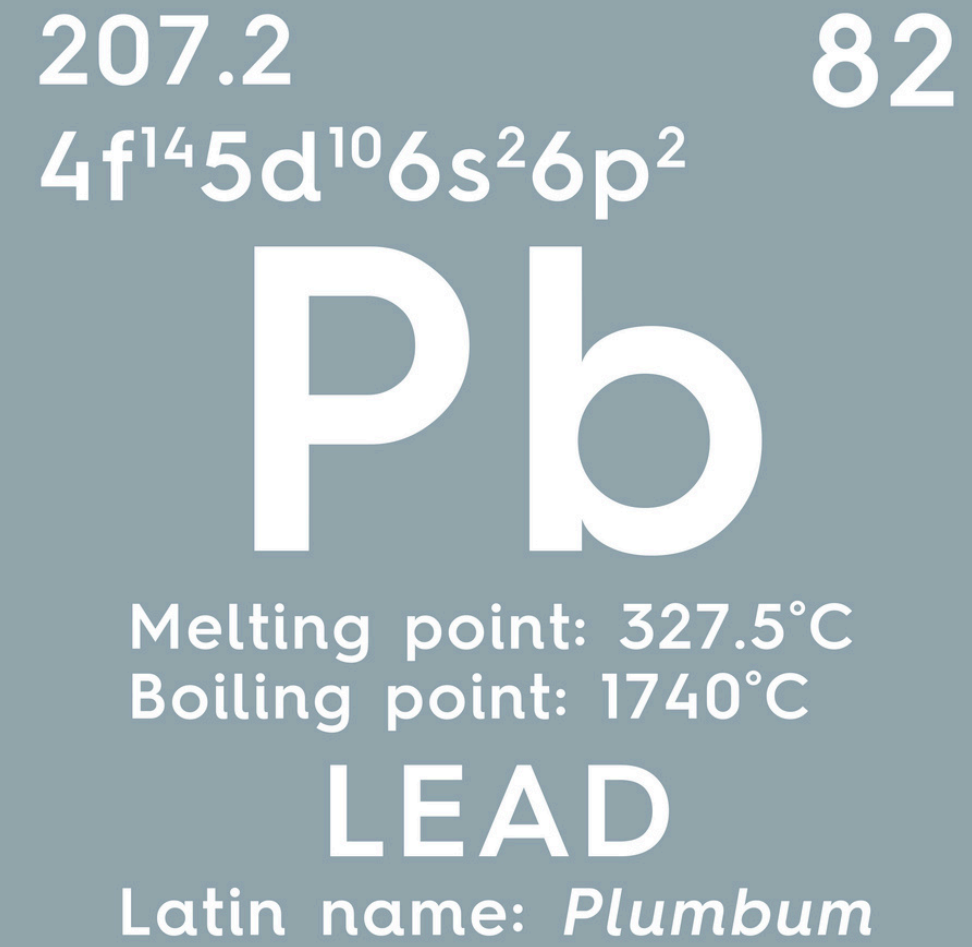


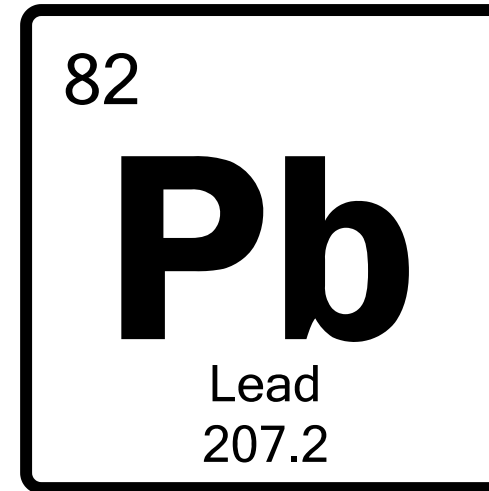
LEAD POISONING PREVENTION

Protecting Our Children
Protecting Our Future

SLCo.to/LeadPoisoning



WHAT IS LEAD?



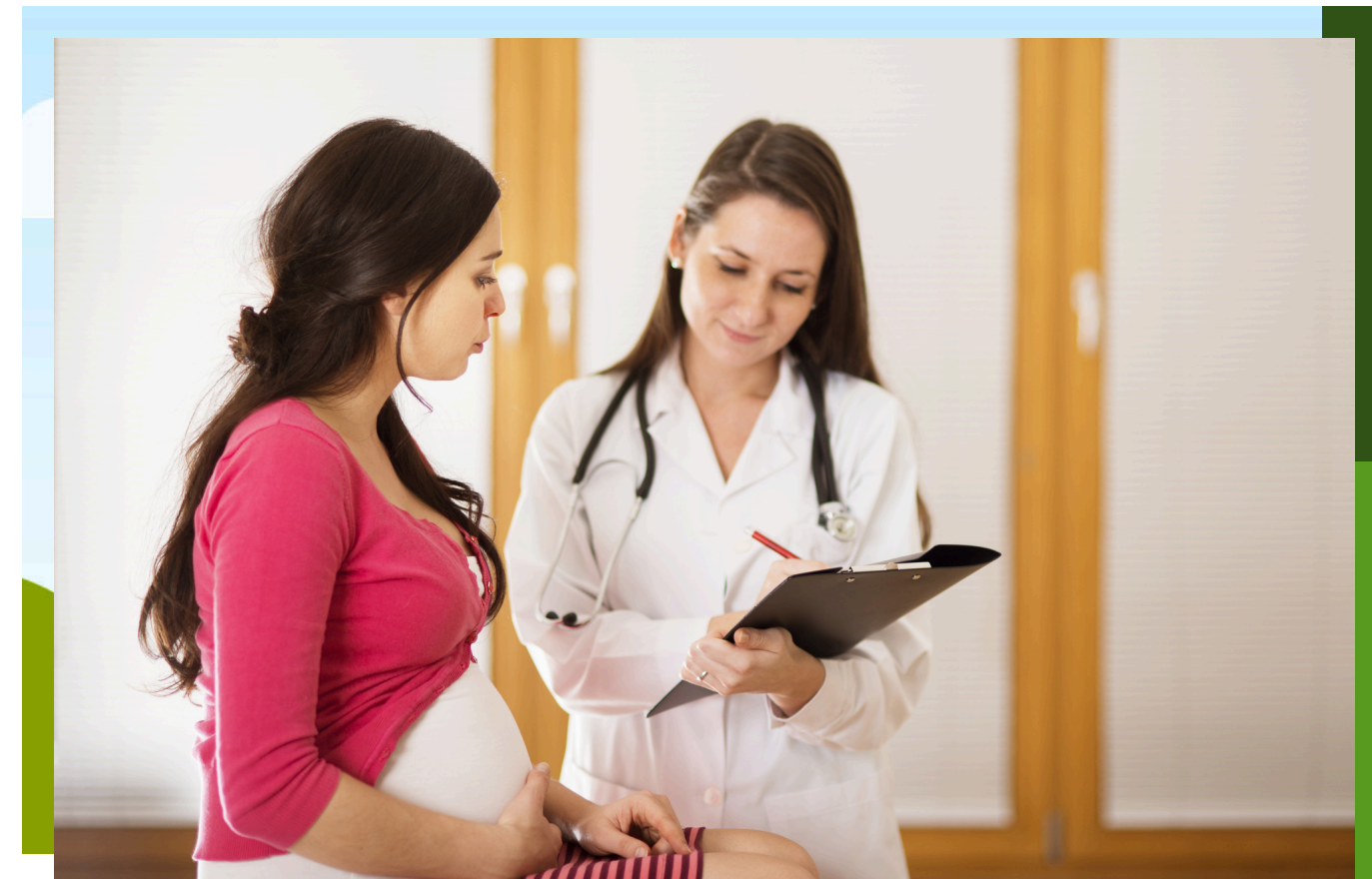
Lead is a soft, blue-gray metal naturally found in the earth's crust

- ✔ Lead is a toxic metal
- ✔ Lead cannot be used in our bodies
- ✔ The goal is to have zero lead in our bodies



THERE IS NO SAFE LEVEL OF LEAD

- Children ages 0–6 and pregnant women are at the highest risk for lead poisoning
- A blood lead level test is the only way to know:
 $\geq 3.5 \mu\text{g}/\text{dL}$ requires action



The number of children being tested needs to increase

Only 1.3% of children younger than 6 years of age were being tested for lead in Utah in 2019.

Lead testing is required for all children on Medicaid at ages 12 and 24 months.

Over 30% of homes in Salt Lake County were constructed before the 1978 ban on lead in residential paint.

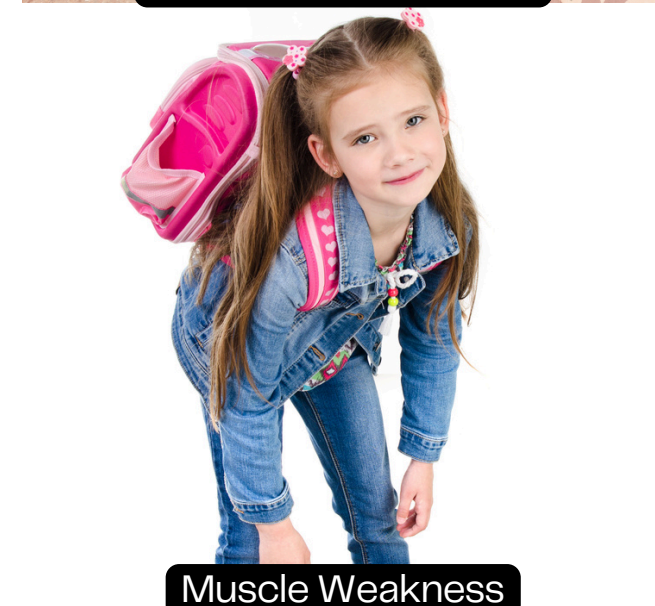
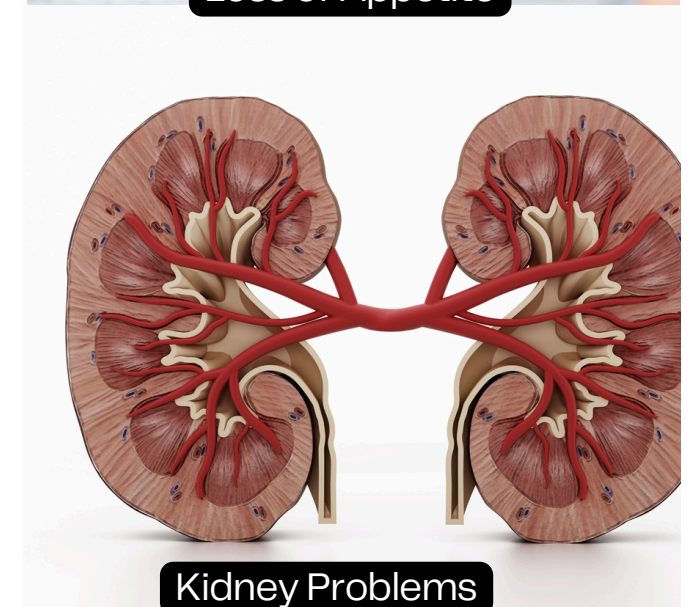
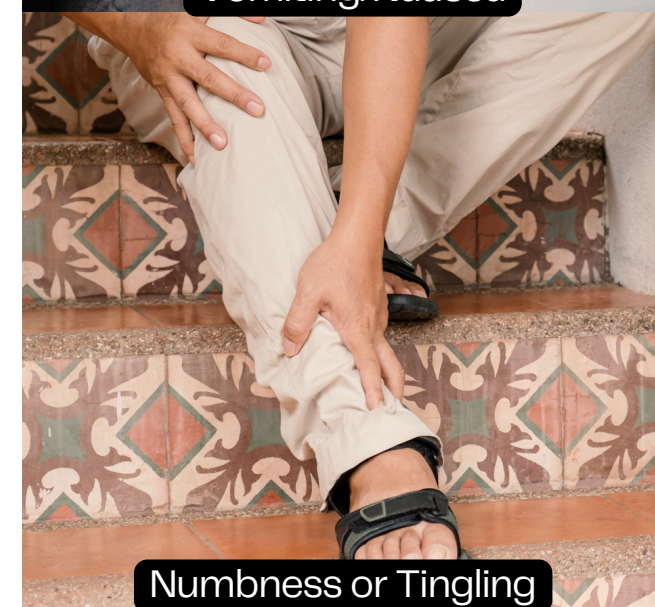
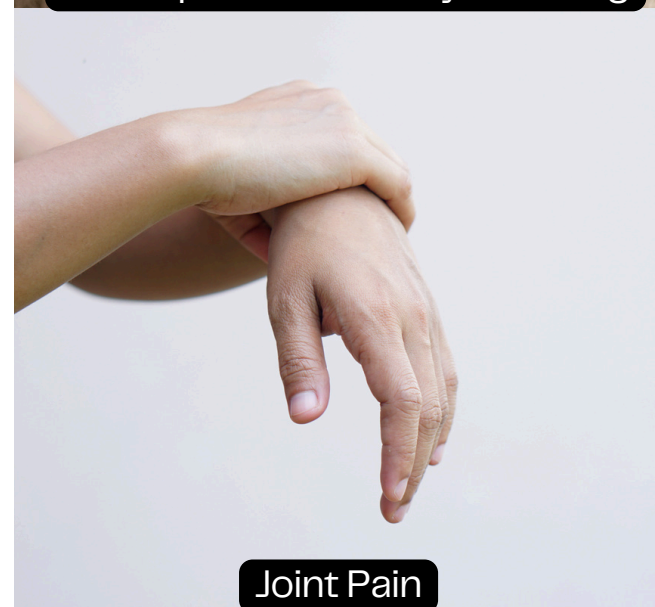
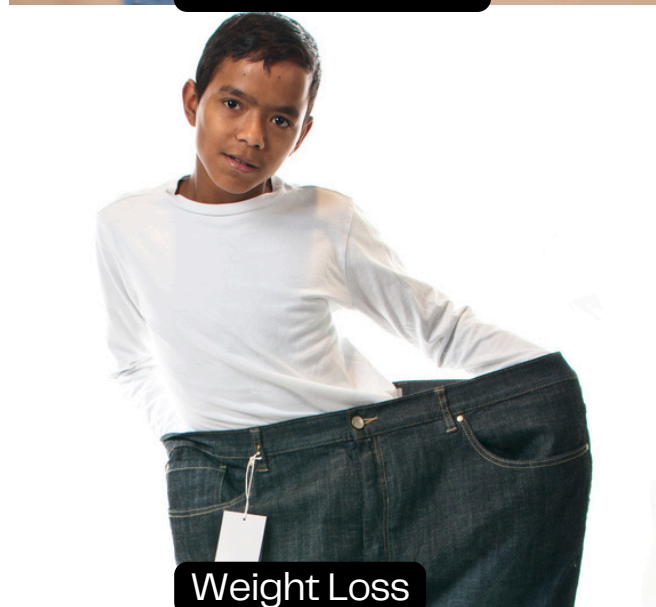
The CDC updated its blood lead reference value (BLRV) from 5 $\mu\text{g}/\text{dL}$ to 3.5 $\mu\text{g}/\text{dL}$ in October 2021.

Utah changed its blood lead reference value to match 3.5 $\mu\text{g}/\text{dL}$ in July. Healthcare providers need education about lead poisoning prevention to increase the number of children who are tested for lead poisoning.

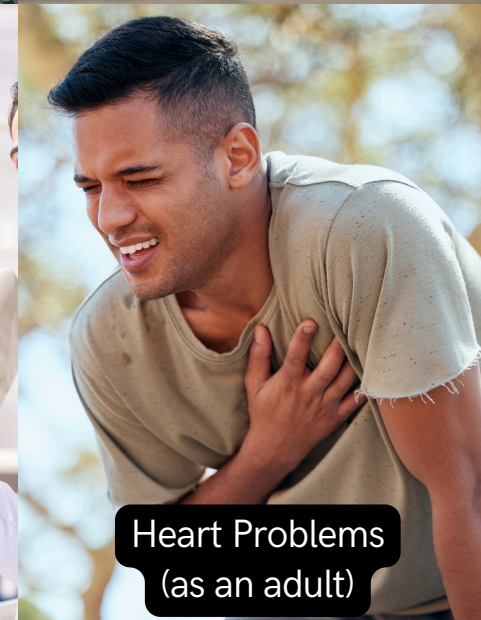
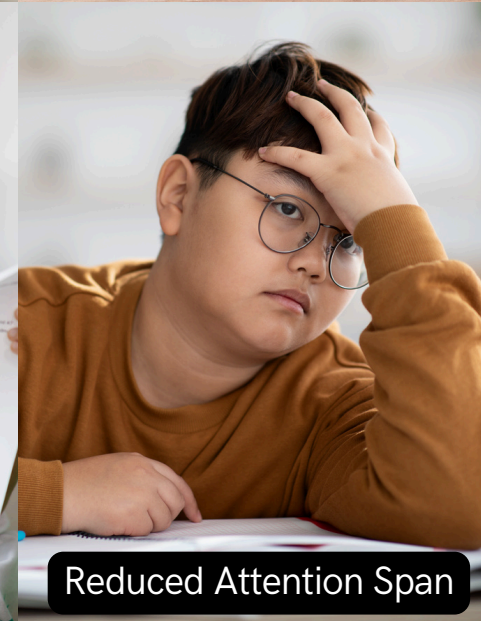


Lead Poisoning is 100% preventable

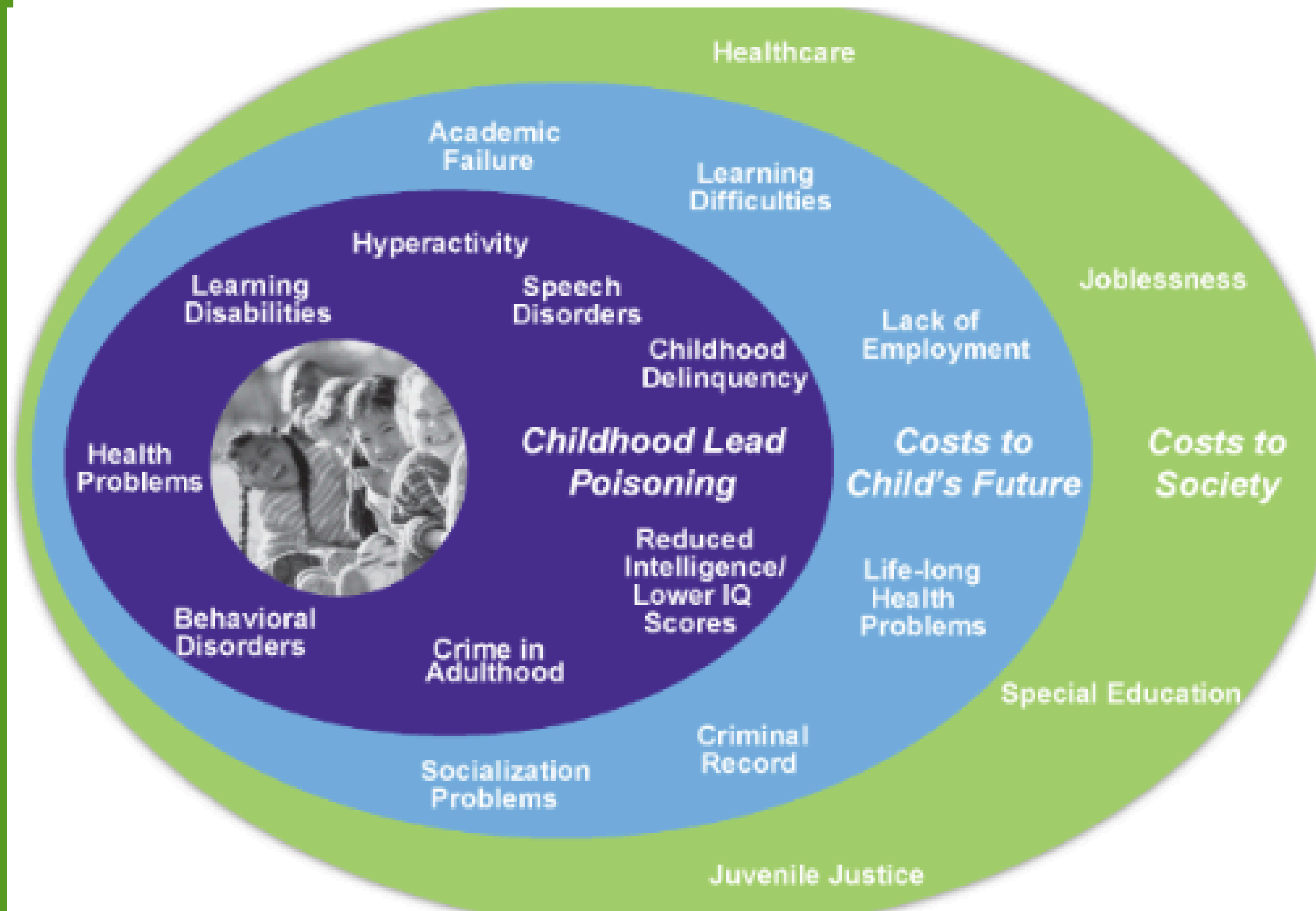
Symptoms of lead poisoning, but most times there are no visible symptoms



Longterm Consequences



COSTS OF LEAD POISONING TO SOCIETY



- Increased crime rates
- Drug use
- Anti-social behaviors

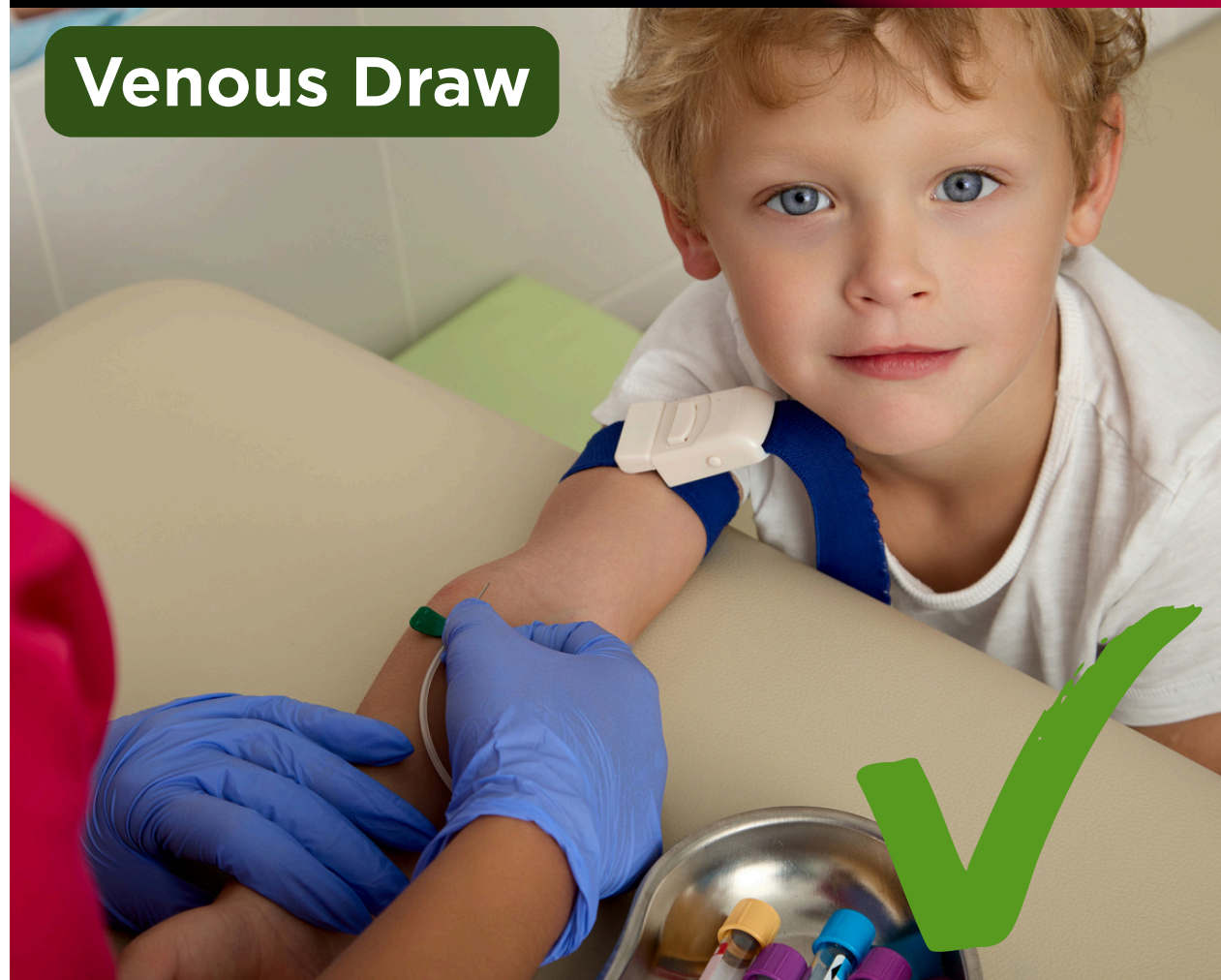
Capillary Test



CAPILLARY

- USUALLY, THE FIRST TEST THAT IS DONE ON A CHILD
- GOOD FOR GENERAL AWARENESS
- COMES FROM A FINGER OR THE HEEL
- RESULTS MAY BE HIGHER THAN THEY ACTUALLY ARE

Venous Draw



VENOUS

- THE MOST ACCURATE TEST AVAILABLE
- COMES FROM THE ARM
- A VENOUS DRAW SHOULD BE DONE FOR ALL FUTURE TESTS

Blood lead level testing is important

Test Results in micrograms per deciliter (mcg/dL)	What does it mean?	When to get a blood draw to confirm test results?
0 - 3.4 	Your child has been exposed to little or no lead.	Retest if your child's risk of lead exposure changes. For example: If you move to an older home with chipped or peeling paint.
3.5 - 9 	Your child has been exposed to lead.	3 months Follow up blood test within 3 months to ensure decreasing levels.
10 - 19 	Your child has been exposed to moderate amounts of lead in their environment.	1 month Follow up blood test within 1 month to ensure decreasing levels.
20 - 44 	Your child has been exposed to very large amounts of lead in their environment.	2 weeks Follow up blood test within 2 weeks to ensure decreasing levels. Consult with your health care provider about further testing and care.
45 and above 	Medical Emergency Your child has been exposed to dangerously high amounts of lead in their environment.	Within 48 hours Confirm the blood lead level with a repeat blood test within 48 hours. Your health care provider may advise hospitalization and/or chelation therapy.

Response to Elevated Blood Lead Levels ($\geq 3.5 \mu\text{g}/\text{dL}$)

When a child has a blood lead level above $3.5\mu\text{g}/\text{dL}$:

1. Case Notification

- Program notified through the EpiTrax surveillance system

2. Home Visit Scheduled

- Family contacted to provide lead information and guidance

3. During the Home Visit

- Lead education and supportive resources provided
- XRF testing conducted on homes built before 1978 and items of concern tested for educational purposes
- Family is screened for SDoH needs

4. Follow-Up

- Child recommended for repeat testing until:
 - Two consecutive blood lead levels are below $3.5 \mu\text{g}/\text{dL}$
- Additional home visit completed if levels increase or new risks are identified





WHERE?



Known sources of lead around the world



Jobs and Hobbies

Parents working with lead and/or lead-based paint such as in:

- **Renovation**
- **Painting**
- **Mining**
- **Smelting**
- **Battery recycling**
- **Refinishing old furniture**
- **Autobody**
- **Shooting ranges**

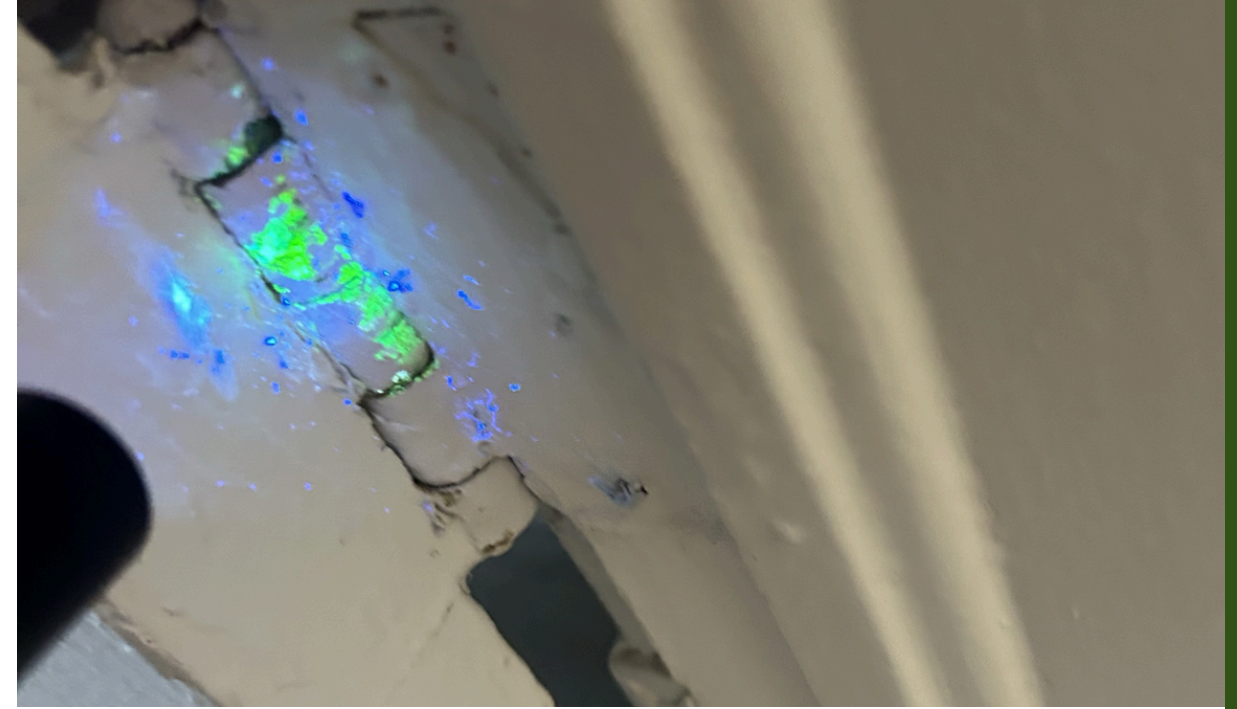
Having a hobby that uses lead such as:

- **Hunting**
- **Fishing**
- **Stained glass**
- **Stock cars**
- **Making pottery**

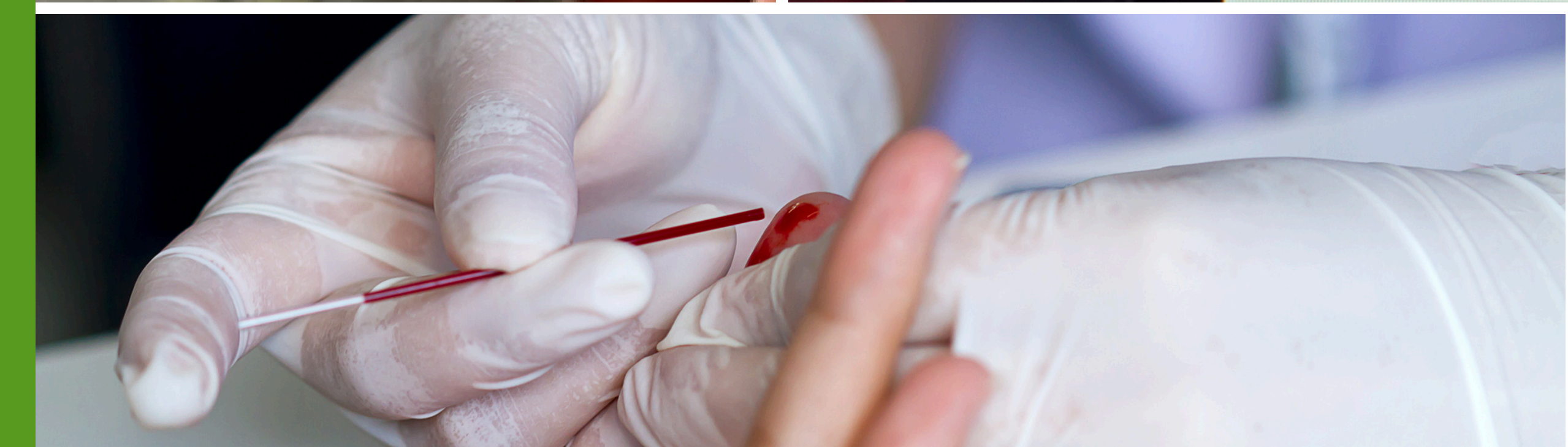
Lead dust can be brought into the home on hands, hair, or clothing.



HOW TO FIND LEAD



As	ND	< 0.4
Pb	1.5 ppm	± 0.5



Prevention

Cleaning Home

- Wash your hands often and help children wash theirs
- When cleaning, use wet cloths
- Clean toys and stuffed animals
- Remove shoes before entering the home
- Remove work clothes before returning home if exposed to lead on the job
- Properly ventilate the workspace for hobbies that use lead





Testing

We can test items for families with children under 6 who live in or regularly visit a home for free**

- Soil
- Paint
- Antique toys
- Dishes
- Jewelry

We are also at many community outreach events and health fairs.



**** We are not lead certified inspectors. This is for information and education only**

Engagement

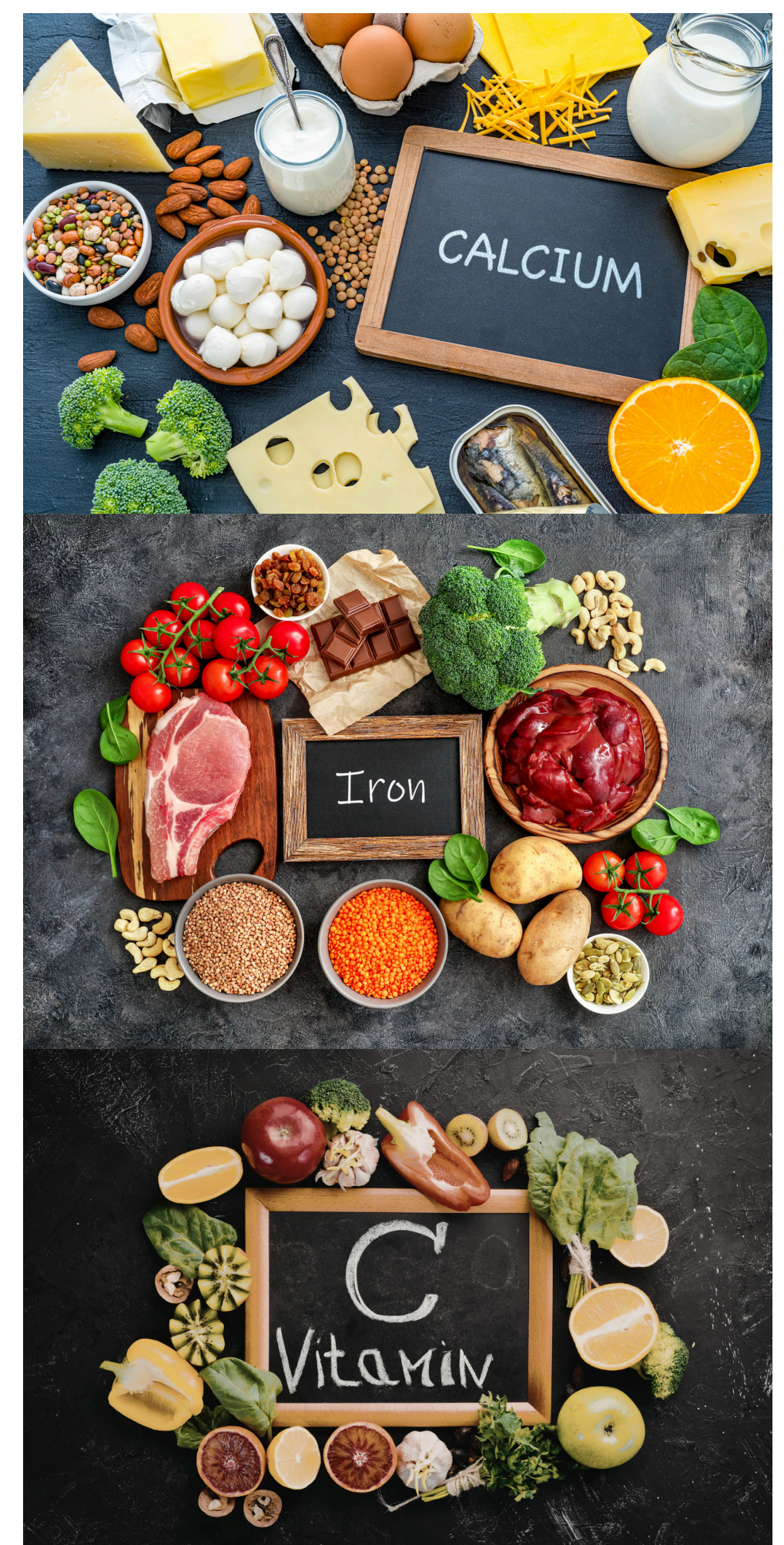
- Reading
- Conversation
- Interaction

Stimulates a child's brain, strengthening connections that can help counteract the effects of lead exposure



Nutrition

- **Healthy diet– foods that are high in Calcium, Iron, and Vitamin C may reduce the amount of lead that the body takes in**
 - **Calcium-rich foods: leafy green vegetables, dairy products, and tofu**
 - **Iron-rich foods: leafy green vegetables, meat, and whole grain products such as pasta, bread, and cereals**
 - **Vitamin C-rich foods: citrus fruits, melons, strawberries, tomatoes, and peppers**



Well-Balanced Diet

- Have kids eat right when they wake up
- 4 to 6 small meals per day
- Keep their tummy full





Salt Lake County Housing Rehabilitation Program

The Salt Lake County Housing Rehabilitation Program offers grants for **FREE** lead-based paint hazard assessments in homes, apartments, and mobile homes built before 1978. If hazards are found, we provide services to remediate them.

Additionally, we offer critical home repairs for Low income households who qualify. There is **no cost** for the resident or the property owner.

Services may include:

- Lead-Based Paint Hazard Inspection
- Critical need repairs if hazards are present
- Window replacementst

El Programa de Rehabilitación de Viviendas del Condado de Salt Lake ofrece fondos **GRATIS** para inspeccionar peligros de pintura a base de plomo en casas, apartamentos y casas móviles construidas antes de 1978. Si se identifican peligros, brindamos servicios para remedialos.

Además, ofrecemos reparaciones críticas del hogar para familias de bajos ingresos que califiquen. **No hay costo** para el residente ni para el propietario.

Servicios que pueden incluir:

- Inspección de peligros de pintura a base de plomo
- Reparaciones críticas si se identifican peligros
- Reemplazo de ventanas



Ready to apply? We're here to help with any questions you may have. Let us assist you in making your home healthy.

¿Listo para aplicar? Estamos aquí para ayudar con cualquier pregunta. Permítenos ayudarle a mantener tu hogar saludable.

CONTACT/CONTACTO

CALL/TEXT: 385-315-0049

SE HABLA ESPAÑOL

APOSSO@SALTLAKECOUNTY.GOV

[HTTPS://SLCO.ORG/REGIONAL-DEVELOPMENT/HOUSING-COMMUNITY-DEVELOPMENT/](https://slco.org/regional-development/housing-community-development/)



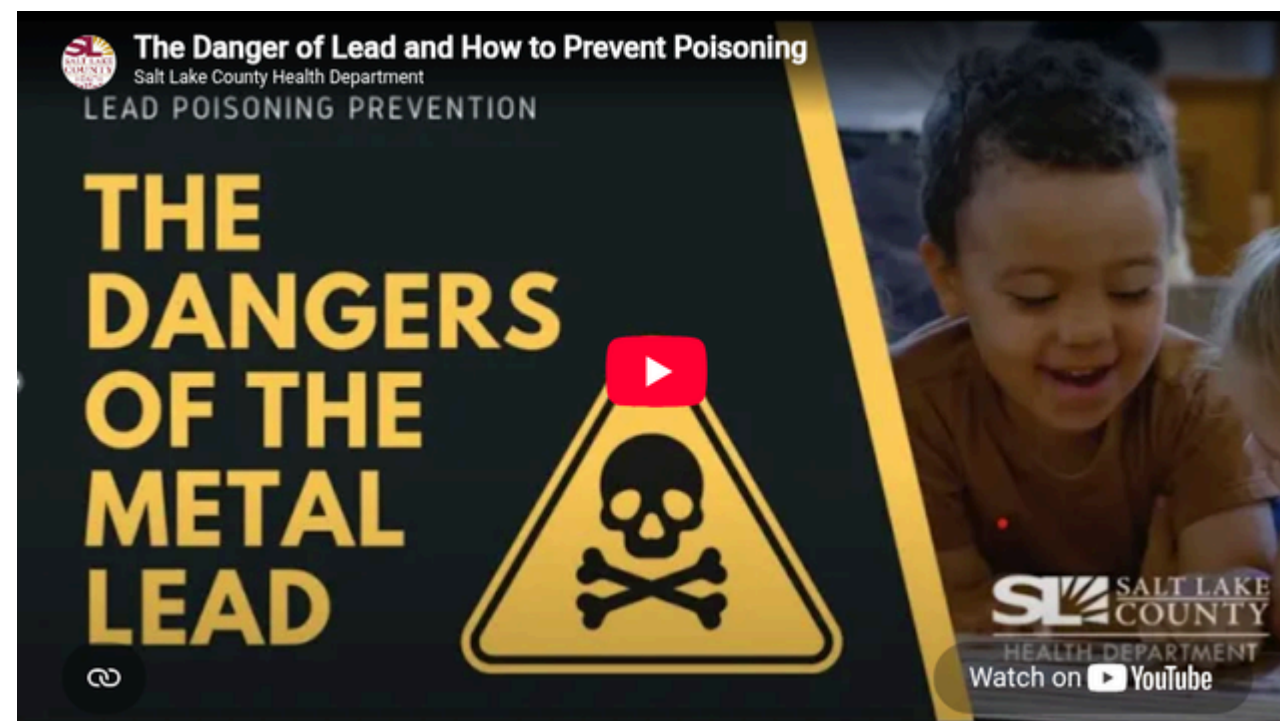
Salt Lake County Home Remediation

Eligibility for FREE services includes:

- **Property was constructed before 1978**
- **A pregnant woman or a child under six years old resides or visits home**
- **Household income meets the qualifying level (income guidelines in application)**



QUESTIONS?



SLCo.to/LeadPoisoning



801-382-8877



LeadPrevention@saltlakecounty.gov