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2009 Blood Lead Screening and Testing Guidelines effective April 1, 2009.....pp. 3,4

UPDATED FORMS

Risk Assessment for Lead Exposure (Pb-110).....pp. 5,6
Reference for Follow-up Testing and Medical Case Management (Pb-109).....p. 7

Special Edition

A Letter from DSHS to all Healthcare Providers

Introducing the 2009 Blood Lead Screening and Testing Guidelines for Texas Children: Quick Reference Guide (QRG)

Dear Healthcare Providers:

During the last two years, the Screening Advisory Group assisted us in developing a guideline to test children who are at risk for lead poisoning. The Group, physicians and other parties interested in preventing lead exposure to children, followed the Centers for Disease Control and Prevention (CDC) recommendations.

The Group reviewed both housing and blood lead data to develop a guideline implemented in April 2008.

In November 2008, we surveyed approximately 5,000 clinicians and practitioners about the QRG's clarity. Using submitted comments, we revised the QRG into a flowchart format; consolidated determinants and actions; and removed confusing text.

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Along with the **QRG** (pp. 3,4), this newsletter provides you with two additional forms:

1. Pb-110, Risk Assessment for Lead Exposure (pp. 5,6)
2. Pb-109, Reference for Follow-up Testing and Medical Case Management (p. 7)

Both forms are referenced in the **QRG**.

Two previous issues of TX CLPPP News provided background information on lead screening in Texas (volume 6, issue 2) and survey results for the **QRG** (volume 6, issue 4).

Electronic versions of all TX CLPPP forms and publications are available online at: www.dshs.state.tx.us/lead/providers. If you have any questions, contact us via email at: feedback-CLPPP@dshs.state.tx.us.

Sincerely,



Teresa Willis, Manager
Blood Lead Surveillance Group

TX CLPPP News Publications - **VOLUME 6**

Spring 2008: volume 6, issue 1

Topics: What is an Environmental Lead Investigation (ELI); what is the difference between an ELI and an home visit; who is responsible for ordering an ELI; clip-out form "Pb-101: Request for Environmental Lead Investigation"; how long does an ELI take to complete; new blood lead screening plan for Texas children

Summer 2008: volume 6, issue 2

Topics: Increasing Blood Lead Testing & Screening in Texas Children; Lead Screening in Texas, Background; 2000 Blood Lead Screening Guidelines; 2008 Blood Lead Screening Guidelines; Invalid Tests, Contaminated Results, and Blood Collection Methods; Blood Lead Screening and Testing Guidelines: Quick Reference Guide

Fall 2008 volume 6, issue 3

Topics: State and Local Childhood Lead Poisoning Prevention Programs; Reporting Blood Lead Levels: It's the Law; How are we Doing? 2006 Counts by County: Texas Children Under Age 6 Tested for Lead; Provider Resources: Forms, Literature

Spring 2009 volume 6, issue 4

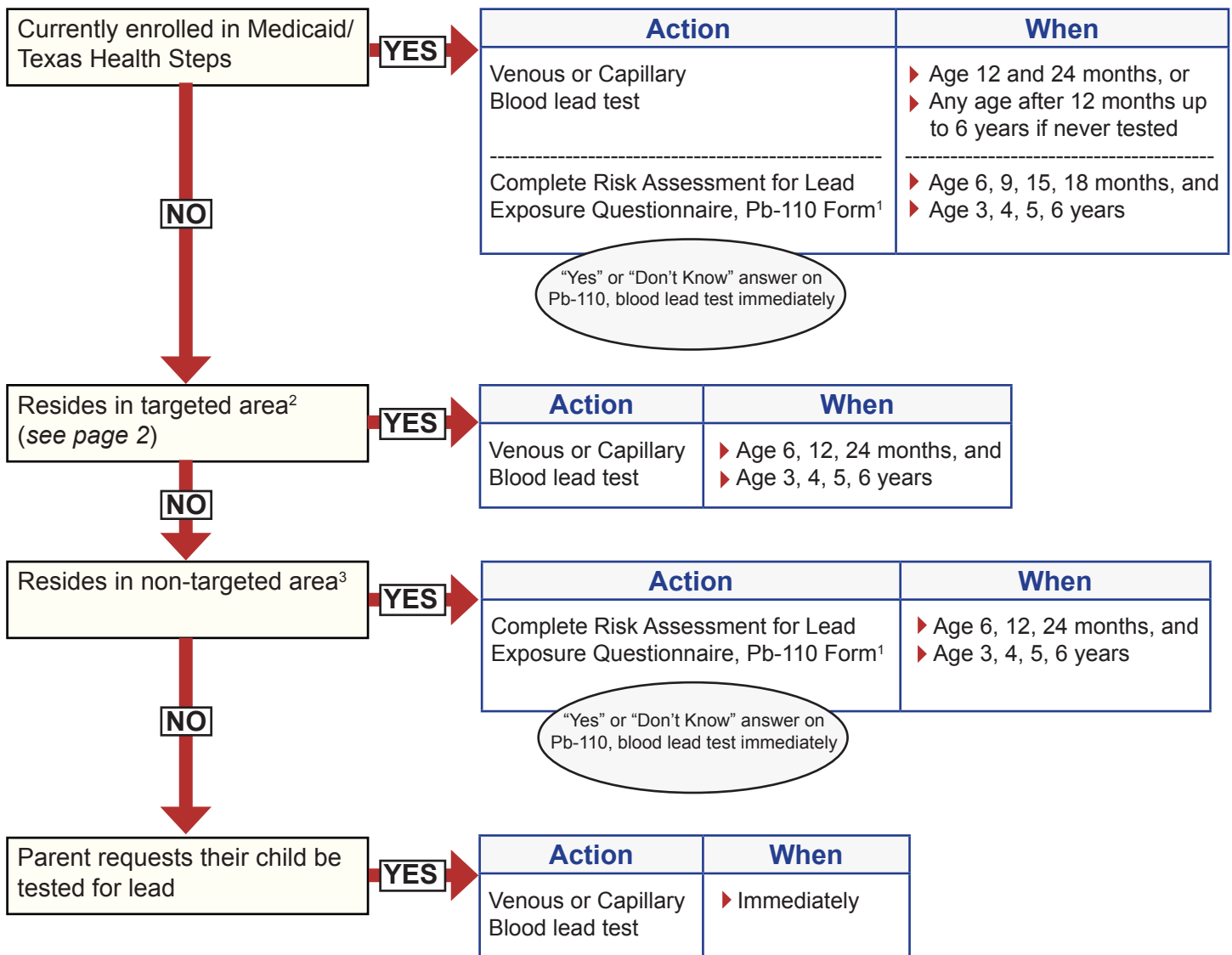
Topics: San Antonio Metro Health Districts quick response saves a neighborhood and family dog from lead poisoning; Reporting Childhood Blood Lead Test Results: Missing Address information; The TRAILS Project; Quick Reference Guide Survey Results



Blood Lead Screening and Testing Guidelines for Texas Children: Quick Reference Guide

Healthcare Provider:

- Blood lead testing is the only way to identify a child with an elevated lead level.
- Please remember that most children may not have symptoms.
- An elevated blood lead level is 10 mcg/dL or greater.
- State law requires reporting all blood lead results to the address below.



NOTE: After a blood lead test is administered and you receive the results; use Pb-109 Form¹, *Reference for Follow-up Testing and Medical Case Management*, to determine if or when follow-up testing and medical case management is necessary.

¹The Pb-110, Pb-109, and other TX CLPPP forms are available online at www.dshs.state.tx.us/lead. ²Centers for Disease Control and Prevention. (1997). Screening Young Children for Lead Poisoning: Guidance for State and Local Public Health Officials. <http://www.cdc.gov/nceh/lead/guide/guide97.htm>. ³All zip codes not listed on page 2 are considered non-targeted areas.

All Zip Codes On This List Are Targeted Areas

75020, 75021, 75040, 75042, 75050, 75051, 75053, 75060, 75061, 75090, 75091	cont. - 76449, 76450, 76453, 76454, 76457, 76458, 76459, 76460, 76462, 76463, 76464, 76465, 76469, 76470, 76471, 76472, 76475, 76476, 76483, 76484, 76486, 76491	77619, 77622, 77627, 77630, 77631, 77632, 77640, 77641, 77642, 77643, 77651, 77655, 77662, 77665	79001, 79002, 79003, 79005, 79007, 79008, 79010, 79011, 79014, 79015, 79018, 79019, 79021, 79022, 79027, 79029, 79031, 79033, 79034, 79039, 79040, 79041, 79042, 79044, 79045, 79046, 79051, 79052, 79054, 79056, 79057, 79059, 79061, 79062, 79064, 79065, 79068, 79070, 79072, 79079, 79080, 79081, 79083, 79084, 79087, 79088, 79092, 79093, 79094, 79095, 79096, 79097, 79098
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The risk assessment questionnaire contains 6 questions that appear on page 2, and is designed to be administered to the parent by the healthcare provider. Questions are in English and Spanish to assist with Spanish speaking parents.

Instructions:

- This questionnaire may be used with any child, whether or not enrolled in Texas Health Steps.
- Medicaid requires a blood lead test for all Texas Health Steps patients at 12 months and 24 months. For children less than 6 years of age, complete a blood lead test at any first checkup after age 12 and 24 months if there is no evidence of a previous blood lead test.
- At any visit, you may choose to perform a blood lead test rather than use the risk assessment questionnaire.
- Refer to the table below for scheduling use of the risk assessment questionnaire.
- A “yes” or “don’t know” answer to any question on the risk assessment questionnaire indicates that a blood lead test should be administered.

Child's Age	Parent Questionnaire	Blood Lead Test
6 months	YES	
9 months	YES	
12 months		YES
15 months	YES	
18 months	YES	
24 months		YES
3, 4, 5, and 6 years	YES	



For more information, contact the Texas Childhood Lead Poisoning Prevention Program at:

1-800-588-1248

<http://www.dshs.state.tx.us/lead>

Fax completed form to 512-458-7699, or mail to the address below.

Healthcare Provider: For children less than 6 years of age, complete a blood lead test at any first checkup after age 12 and 24 months if there is no evidence of a previous blood lead test.

Patient's Name:	DOB:	Medicaid #:
Provider's Name:	Administered by:	Date:

Parent Questionnaire		Yes	Don't know	No	
1	Does your child live in or visit a home, daycare or other building built before 1978?				
2	Does your child live in or visit a home, daycare or other building with ongoing repairs or remodeling?				
3	Does your child eat or chew on non-food things like paint chips or dirt?				
4	Does your child have a family member or friend who has or did have an elevated blood lead level?				
5	Is your child a newly arrived refugee or foreign adoptee?				
6	Is your child exposed to any of the following (if YES, check all that apply):				
Contamination from a parent, relative, or friend with jobs or hobbies like these?		If "Yes" or "Don't Know" Perform a Blood Lead Test			
<input type="checkbox"/>	Radiator repair				<input type="checkbox"/>
<input type="checkbox"/>	Pottery making	<input type="checkbox"/>	Battery manufacture or repair	<input type="checkbox"/>	Valve and pipe fittings
<input type="checkbox"/>	Lead smelting	<input type="checkbox"/>	Burning lead-painted wood	<input type="checkbox"/>	Brass/copper foundry
<input type="checkbox"/>	Welding	<input type="checkbox"/>	Automotive repair shop or junkyard	<input type="checkbox"/>	Refinishing furniture
<input type="checkbox"/>	Making fishing weights	<input type="checkbox"/>	Going to a firing range or reloading bullets	<input type="checkbox"/>	Other:
Sources of lead in food and remedies?					
<input type="checkbox"/>	Imported or glazed pottery such as a Mexican bean pot	<input type="checkbox"/>	Foods canned or packaged outside the U.S.		
<input type="checkbox"/>	Imported candy, (like Chaca Chaca) especially from Mexico	<input type="checkbox"/>	Remedies such as greta, azarcón, alarcón, alkohl, bali goli, coral, ghasard, liga, pay-loo-ah, rueda		
<input type="checkbox"/>	Nutritional pills other than vitamins				
<input type="checkbox"/>	Other:				

Cuestionario de Padre		Sí	No lo se	No	
1	¿Vive su hijo(a) o visita una casa, centro de guardería u otro edificio construida antes de 1978?				
2	¿Vive su hijo(a) o visita una casa, centro de guardería u otro edificio que está siendo pintada, remodelada, o en la que están pelando o lijando la pintura?				
3	¿Su hijo(a) come o mastica cosas que no son comida, como pedazos de pintura o tierra?				
4	¿Tienen parientes o compañeros de su hijo(a) que tienen o tuvieron altos niveles de plomo en la sangre?				
5	¿Es su hijo recién refugiado o adoptado del extranjero?				
6	¿Ha sido expuesto su hijo(a) a cualquier de los siguientes? (si SÍ, marque todos que apliquen):				
Contaminación de un padre, pariente, o amigo con trabajos o pasatiempos como estas?		Si "sí" o "no lo se" Le haga al niño una prueba de plomo en el sangre			
<input type="checkbox"/>	Reparación de radiadores				<input type="checkbox"/>
<input type="checkbox"/>	Fabricación de cerámica	<input type="checkbox"/>	Fabricación o reparación de baterías	<input type="checkbox"/>	Partes sueltas para tubos de cañerías y válvulas
<input type="checkbox"/>	Industria del plomo	<input type="checkbox"/>	Quema de madera pintada con plomo	<input type="checkbox"/>	Fundición de latón/cobre
<input type="checkbox"/>	Soldadura	<input type="checkbox"/>	Taller mecánico para autos o lote de chatarra	<input type="checkbox"/>	Terminado de muebles
<input type="checkbox"/>	Fabricación de pesas para pescar	<input type="checkbox"/>	Ir a un campo de tiro o recargar balas	<input type="checkbox"/>	Otros:
Fuentes de plomo en comidas y remedios?					
<input type="checkbox"/>	Productos de cerámica importada o con recubrimiento de barniz, como una olla para frijoles de México				
<input type="checkbox"/>	Productos enlatados o empacados fuera de los Estados Unidos				
<input type="checkbox"/>	Dulces importados, (como Chaca Chaca) especialmente de México				
<input type="checkbox"/>	Remedios tradicionales como greta, azarcón, alarcón, alkohl, bali goli, coral, ghasard, liga, pay-loo-ah, rueda				
<input type="checkbox"/>	Píldoras alimenticias con excepción de las vitaminas				
<input type="checkbox"/>	Otros:				

Fax completed form to 512-458-7699, or mail to the address below.

Texas Childhood Lead Poisoning Prevention Program

PO BOX 149347 • Austin, TX 78714-9347 • 1-800-588-1248 • www.dshs.state.tx.us/lead

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(Rev. 04/09)

Healthcare Provider: • Immediately retest the child if the blood lead test result is invalid due to “Clotted” or “Insufficient Quantity.”
• Follow the flowchart below to determine if or when follow-up testing and medical case management is necessary.

Table 1: Schedule for Obtaining a Diagnostic Venous Sample

Capillary screening test result (mcg/dL):	Perform a Venous Diagnostic Test Within:
10-44	1 week - 4 weeks ^b
45-59	48 hours
60-69	24 hours
70 and up	Immediately as an emergency lab test

Table 2: Schedule for Follow-Up Venous Blood Lead Testing

Venous Blood Lead Level (mcg/dL):	Early Follow-up (first 2-4 tests after identification)	Late Follow-up (after BLL begins to decline)
10-14	3 months	6-9 months
15-19	1-3 months	3-6 months
20-24	1-3 months	1-3 months
25-44	2 weeks - 1 month	1 month
45 and up	As soon as possible	Chelation with subsequent follow-up ^c

Table 3: Medical Case Management for Children with Diagnostic Venous Elevated Blood Lead Levels

10-14 mcg/dL	15-19mcg/dL	20-44mcg/dL	45-69mcg/dL	70 or higher mcg/dL
<ol style="list-style-type: none"> Lead Education: Dietary & Environmental Follow-up BLL monitoring Follow-up BLL monitoring 	<ol style="list-style-type: none"> Lead Education: Dietary & Environmental Follow-up BLL monitoring Proceed according to actions for 20-44 mcg/dL if: <ul style="list-style-type: none"> A follow-up BLL persists at least 3 months after diagnostic venous test, or BLLs increase 	<ol style="list-style-type: none"> Lead Education: Dietary & Environmental Follow-up BLL monitoring Complete history and physical exam Lab work: Hemoglobin or hematocrit; Iron status Environmental Lead Investigation Lead hazard reduction Neurodevelopmental monitoring Abdominal X-ray (if particulate lead ingestion is suspected) with bowel decontamination if indicated 	<ol style="list-style-type: none"> Lead Education: Dietary & Environmental Follow-up BLL monitoring Complete history and physical exam Complete neurological exam Lab work: Hemoglobin or hematocrit; Iron status; FEP or ZPP Environmental Lead Investigation Lead hazard reduction Neurodevelopmental monitoring Abdominal X-ray with bowel decontamination if indicated Chelation therapy^c 	<ol style="list-style-type: none"> Hospitalize and commence chelation therapy^c Proceed according to actions for 45-69 mcg/dL

^aBlood Lead Screening and Testing Guidelines for Texas Children: Quick Reference Guide. Go to: www.dshs.state.tx.us/lead. ^bThe higher the BLL on the screening test, the more urgent the need for diagnostic testing. ^cPrimary care providers should consult with an expert in the management of these lead levels before administering chelation. Contact your local Poison Control Center or contact Texas C.L.P.P.P at 1-800-588-1248 for a referral. Chelation therapy should never be administered before a venous diagnostic is obtained.



www.dshs.state.tx.us/lead

PERIODICALS

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Local Health Department CLPPP Programs

City of Dallas	4500 Spring Ave.	Dallas, TX 75210	214-670-7663
City of Houston	8000 N. Stadium Dr., 6th Floor	Houston, TX 77054	713-794-9349
Harris County	2223 West Loop South	Houston, TX 77027	713-439-6126
San Antonio Metro	911 Castroville Rd.	San Antonio, TX 78237	210-434-0077



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