State of Illinois
Illinois Department of Public Health

Prenatal Lead Risk Evaluation Questionnaire (PLRQ) Algorithm

All confirmed venous blood lead levels of ≥5 µg/dL will receive case management services from IDPH.

Administer PLRQ during pre-conceptual counseling and to pregnant person.

Response to PLRQ

Answer of "Don't Know", recommended to follow same guidelines as "YES" response.

If person has elevated blood lead level and intends to breastfeed: See IDPH Breastfeeding and Lead Guidelines.

NO

DONE
No further action required.

Answer of YES to **any** question

Perform Venous Blood Lead Test: Give education regarding effects of pre-natal and childhood lead exposure if test is refused.

Report **ALL** venous blood lead level results to IDPH.
Fax: 217-557-1188

Lead Level ≥ 5 µg/dL

IF in Pre-natal Counseling: Give education regarding effects of lead exposure to fetus and children and ways to reduce lead exposure.

Lead Level < 5 µg/dL

IF Pre-conceptual Counseling:

DONE
No further action required.

IF Pregnant: Follow-up Testing Needed

IF Pregnant: Re-test prior to delivery (3rd trimester)

Lead Level < 5 µg/dL

DONE
No further action required.

Lead Level ≥ 5 µg/dL

Venous Blood Lead Level (µg\dL)	Perform Follow up Testing
5 – 14	• Within 1 month
15 - 24	• Within 1 month, then every 2-3 months
25 - 44	• Within 1 – 4 weeks, then every month
≥ 45 or more	• Within 24 hours, then frequent intervals depending on clinical intervention and blood lead level trends • Consult a clinician experienced in managing blood lead levels in pregnancy

All newborns of pregnant persons with a BLL ≥ 5 µg/dL must be tested at birth.

Test newborn via cord blood or venous draw.

Report **ALL** blood lead level results IDPH.
Fax: 217-557-1188

See IDPH guidelines for neonates and infants with blood lead test results ≥ 5.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
IDPH
PROTECTING HEALTH, IMPROVING LIVES

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