



CDPHP is supporting a New York State Department of Health (NYSDOH) performance improvement project focused on lead screening and management, hearing screening, and developmental assessment for our Managed Medicaid members, ages birth to three years.

As a health plan, we would like to collaborate with you to identify and address barriers to closing gaps in follow-up care and early intervention. CDPHP is mandated to report the following results over the next two years (2019-2020):

#### **Lead Screening:**

- Members who received a blood test around **1 year of age**
- Members who received blood lead tests around **2 years of age**
- Members who received blood lead tests around one year of age and around two years of age
- Members with a capillary **BLL of  $\geq 5$  mcg/dL** who had a *confirmatory venous* blood lead test **within 3 months**
- Members with a confirmed venous **BLL of  $\geq 5$  mcg/dL** who turned 9 months of age and less than 6 years of age: *Informational only*
- Members who turned 9 months of age and less than 6 years of age during the measurement period with a *confirmed venous* **BLL of  $\geq 5$  mcg/dL** who had a follow-up *venous blood lead test* **within 3 months**
- Members who turned 9 months of age and less than 6 years of age during the measurement period with a *confirmed venous* **BLL of  $\geq 10$  mcg/dL**: *Informational only*
- Members who turned 9 months of age and less than 6 years of age during the measurement period with a *confirmed venous* **BLL of  $\geq 10$  mcg/dL** who had a follow-up venous blood lead test **within 1 month**

#### **Hearing Screening:**

- Members who *completed* hearing screening by **1 month of age**
- Members who *did not pass* hearing screening by **1 month of age**: *Informational only*
- Members who *did not pass* hearing screening by **1 month of age** who had a *diagnostic audiological evaluation* **by 3 months of age**
- Members who *did not pass* hearing screening by **1 month of age** and had a *diagnostic audiological evaluation* by 3 months who were **diagnosed with hearing loss by 3 months**: *Informational only*
- Members who *did not pass hearing screening* by **1 month of age** and were diagnosed with **hearing loss by 3 months of age** who were **referred to EI services by 6 months** of age
- Members from birth through 3 months of age who **completed** hearing screening at **any time before 3 months of age**
- Members from birth through 6 months of age who *did not pass* hearing screening who *had a diagnostic audiological evaluation* at any time **before 6 months of age**
- Members from birth through 9 months of age who had a diagnosis of hearing loss who were **referred to EI services** at any time **before 9 months of age**



### Developmental Screening:

- Members who were screened for developmental, behavioral, and social delays with a *standardized global developmental screening tool* **by 1 year of age**
- Members who were screened for developmental, behavioral, and social delays with a *standardized global developmental screening tool* **by 2 years of age**
- Members who were screened for developmental, behavioral, and social delays with a *standardized global developmental screening tool* **by 3 years of age**
- Members who were screened for developmental, behavioral, and social delays with a *standardized global developmental screening tool* according to AAP Well-Child Visit Guidelines
- Members who were screened for autism with a standardized autism screening tool **by 30 months of age**

Current recommendations for lead screening and management are:

- **<5 mcg/dL:** Routine assessment of nutritional status and developmental milestones – this includes ongoing developmental surveillance at every well-child visit, and use of a standardized, validated developmental screening tool at the AAP-recommended intervals of 9-, 18-, and 24- (or 30-) month visits, with follow-up anticipatory developmental counseling and appropriate referrals when necessary. Anticipatory guidance about common sources of lead exposure with follow-up blood lead testing at recommended intervals based on child's age
- **5-9 mcg/dL:** Routine assessment of nutritional status and developmental milestones—this includes a structured assessment of developmental milestones using a standardized, validated developmental screening tool and follow-up anticipatory developmental counseling and referral when necessary. Environmental assessment of detailed history to identify potential sources of lead exposure. Nutritional counseling related to calcium and iron intake. Follow-up blood lead testing at recommended intervals based on child's age
- **10-19 mcg/dL:** Routine assessment of nutritional status and developmental milestones – this includes a structured assessment of developmental milestones using a standardized, validated developmental screening tool and follow-up anticipatory developmental counseling and referral when necessary. Environmental assessment of detailed history and environmental investigation, including home visit(s) to identify potential sources of lead exposure. In NYS, an environmental investigation is required if the BLL is  $\geq 15$  mcg/dL [NYSDOH, 2011]
- **20-44 mcg/dL:** Complete history and physical exam with neurodevelopmental assessment, environmental investigation of the home and lead hazard reduction, lab work for iron status and hemoglobin or hematocrit, abdominal X-ray (with bowel decontamination if indicated) and follow-up blood lead monitoring at recommended intervals.



Current recommendations for *Hearing Screening*:

- Hearing screening by 1 month of age
- Hearing eEvaluation by 3 months of age
- Early intervention at 6 months of age

Current recommendations for *Developmental Assessment*:

- Screened for developmental, behavioral, and social delays with a standardized global developmental screening tool by 1 year of age
- Screened for developmental, behavioral, and social delays with a standardized global developmental screening tool by 2 years of age
- Screened for developmental, behavioral, and social delays with a standardized global developmental screening tool by 3 years of age
- Screened for developmental, behavioral, and social delays with a standardized global developmental screening tool according to AAP Well-Child Visit Guidelines
- Screened for autism with a standardized autism screening tool by 30 months of age

We look forward to positively impacting and optimizing the developmental trajectory of the youngest members of our community.