## Clinic Checklist: Hearing and Vision Screening

**Key:** (P) = Provider usually performs task, (N) = Nursing or clinic staff usually performs task

### Hearing Screening

**Hearing history/Risk assessment (P)**
- Family history, parent/child concerns, including language delays
- Joint Commission on Infant Hearing Risk Factors
- Risk for noise-induced hearing loss for 11 through 20 years of age

**Visual inspection (P)**
- External
- Internal with otoscope

**Pure tone audiometry (N)**
- Quiet room, not a high-traffic area
  - **Age 3 through 10 years:**
    - 500 Hz at 25 dB
    - 1000, 2000, and 4000 Hz at 20 dB
  - **Age 11 years and older:**
    - 500 Hz at 25 dB
    - 1000, 2000, 4000, and 6000 Hz at 20 dB

**PASS criteria:** child responds to all tones

**Documentation**
- History
- Child’s ability to cooperate
- Response to each tone
- PASS, rescreen, or REFER

**Audiometer**
- MDH recommends audiometers that have headphones for both ears, provide pure tones at each screening level and allow ability to play tones twice.
- Headphones are specific to audiometer
- Calibrate annually

**Infection control**
- Clean headphones using alcohol free agent recommended by manufacturer

### Vision Screening

**Vision history (P)**
- Family history, parent/child concerns, observed problems

**Ocular health (P)**
- External inspection
- Pupil light response
- Red light reflex

**Muscle balance (P)**
- Observation
- Corneal light reflex
- Unilateral cover test – at near/distance
- Fix and follow

**Distance visual acuity (N)**

Screening for distance vision
- **Age 3 through 5 years:**
  - Use HOTV or LEA SYMBOLS® at 10 feet
  - Must identify/match any 4 symbols to pass a line

**Age 6 and older:**
- Use Sloan at 10 feet
- Must identify any 4 letters to pass a line

**PASS criteria:**
- 10/25 (20/50) age 3 years
- 10/20 (20/40) age 4 years
- 10/16 (20/32) age 5 years and older
- Or better in each eye without a difference of two lines or more between eyes

**Near visual acuity (N)**

Screening for near vision
- Use 2.50 plus lenses for children age 5 and older who pass distance visual acuity screening and do not already have prescription lens

**PASS criteria:**
- Blurring of vision/inability to identify passing line while wearing glasses

**Documentation**
- History
- Behaviors (e.g. head tilt, squint)
- Results for each eye (10/___, 20/___)
- PASS, rescreen, or REFER

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**For more information**

Visit [MDH C&TC](www.health.state.mn.us) to view fact sheets, the hearing and vision training manuals, and e-learning modules.

For questions or to obtain this information in a different format, call 651-201-3760 or email health.childteencheckups@state.mn.us.

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