

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

For more information

Visit [MDH C&TC \(www.health.state.mn.us\)](http://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.