

Hearing collection process

Hearing order must be ordered in the patient's EHR or verbally directed by the provider before the test may be administered.

Hearing screening done at a well child check or welcome to Medicare appointment may be completed as a standing order.

1. Obtain Necessary Equipment

- **Hearing Screening Equipment:**
 - Audiometer (for pure-tone testing).
 - Headphones

2. Hearing Screening:

1. Pre-Screening Preparation:

- Ensure the testing area is quiet.
- Confirm the individual has not been exposed to loud noises or ear infections before the test.
- Obtain consent (if needed).

2. Testing Procedure:

- Perform a pure-tone audiometry test:
 - Use different frequencies (e.g., 500 Hz, 1000 Hz, 2000 Hz, 4000 Hz, and 6000Hz) at varying decibels.
 1. Ages 3 – 10 years
 - Screen: present each sound 1-2 times
 - Conditioning sound: 40db at 1000Hz
 - Right: 20db at 1000, 2000, 4000 Hz
 - **Switch to**
 - Left: 20db at 4000, 2000, 1000Hz
 - Continue Left: Increase to 25db at 500 Hz
 - **Switch to**
 - Right: 25db at 500 Hz
 2. Ages 11 and older
 - Screen: present each sound 1-2 times
 - Conditioning sound: 40db at 1000Hz
 - Right: 20db at 1000, 2000, 4000, 6000 Hz
 - **Switch to**
 - Left: 20db at 6000, 4000, 2000, 1000Hz
 - Continue Left: 25db at 500 Hz
 - **Switch to**
 - Right: 25db at 500 Hz

- Ensure the individual responds appropriately to tones in both ears.

3. Post-Screening:

- Record results: Pass or fail for each decibel and hertz in EHR

4. Cleaning and Equipment Storage:

- Wipe down equipment with alcohol
- Return equipment to storage area

Vision collection process

Vision order must be ordered in the patient's EHR or verbally directed by the provider before the test may be administered.

Vision screening done at a well child check or welcome to Medicare appointment may be completed as a standing order.

1. Obtain Necessary Equipment

- **Vision Screening Equipment:**
 - Snellen or Lea eye chart (for visual acuity testing).
 - Lea – 3 to 5 years old
 - Snellen – 6 years and older
 - Occluder (to cover one eye at a time).

Vision Screening:

1. Pre-Screening Preparation:

- Ensure proper lighting and a quiet environment.
- Confirm the individual's eye health history (e.g., previous issues, corrective lenses).
- +2.50 glasses for near vision screening
- Obtain consent (if necessary).

2. Testing Procedure:

- **Visual Acuity Test:**
 - Perform distance vision tests using a Lea or Snellen chart (per age). Each eye is tested separately.
 - Age 3 – 5 years – Lea chart
 - ◆ Child stands 10 feet away from eye chart
 - ◆ Use occlusion glasses to cover one eye at a time
 - ◆ Start at 20/40 and point to each object on chart and working downward. Have child identify each object
 - ◆ Continue downward until child is unable to pass line, must identify 4 out of 5 objects to pass line.
 - ◆ Test each eye individually and again with both eyes.
 - Age 6 and older – Snellen chart
 - ◆ Patient stands 10 feet away from eye chart
 - ◆ Use occlusion glasses or hand to cover one eye at a time
 - ◆ Starting at either 20/70 or 20/60 line have patient read aloud letters on the line
 - ◆ Have patient continue downward until unable to pass line, must identify 5 out of 7 letters to pass line

- ◆ Test each eye individually and again with both eyes

- **Near Vision Test:**

- Ages 5 – 17 years old
- Patient stands 10 feet away from the eye chart
- Patient wears the +2.50 glasses
- Patient looks at the chart
 - ◆ Unable to read the chart – pass
 - ◆ Able to read the chart – fail

2. Post-Screening:

- Record results: Record each eye's result and both eye's together in EHR using - 20/20, 20/40, etc
- Record near vision results as pass or fail in EHR

3. Cleaning and Equipment Storage:

- Wipe down equipment with alcohol
- Return equipment to storage area