



# Sloan Letters Distance Chart

Part Number: 735000



10/xx on left side of chart is screening distance; 20/xx on right side of chart is Snellen equivalency and the number to report (i.e., 10/16 = 20/32).

- Use with children aged 6 years and older who know their letters, adolescents, and adults.
- Measure 10-feet between chart and individual's eyes.
  - If individual stands during screening, 10-foot measurement is arch of foot or toes on line.
  - If using a chair, the 10-foot distance is at back of chair where seat meets back.
- Hold, or hang, chart at eye level of individual.
- Cover left eye with occluder (not hand).
- Starting at the top line (20/200), ask individual to identify the first letter on the left side of each line and move down the chart until a letter is missed (i.e., if individual incorrectly identifies the "C" on line 20/125, move back to 20/160 and ask individual to identify each of the 5 letters, beginning with "D").
  - Avoid pointing to, and holding pointer, at the letters to be identified. Holding the pointer at the letter makes it easier for the individual to identify the letter and you could under-detect a vision disorder. Instead, briefly point beneath or beside the letter and quickly remove pointer.
- When individual misidentifies a letter, return to the line above the missed letter and ask individual to identify each letter on that line.
  - If individual identifies the first letter on the 20/10 line, ask individual to identify all optotypes on that line. If individual correctly identifies 3 or more letters, 20/10 is the visual acuity value for that eye. If individual misses 3 or more on this line, move to the 20/12.5 line and ask individual to identify all letters on that line.

- Continue asking individual to identify each letter on each lower line until individual misses 3 letters on one line (continue asking individual to identify the full line even when 3 or more are missed).
- Repeat with right eye covered, using the first letter on the right side of each line (begin with C on the 20/200 line).
- When individual misidentifies a letter and returns to the line above the missed letter to read the full line, individual identifies letters from right to left (i.e., C, D, K, R, Z from top line).
- **Visual acuity value** = Last line on which individual correctly identified 3 of 5 letters with each eye.
- **Pass** = Correctly identifying 3 of 5 letters on the 20/32 line with each individual eye.
- **Fail and refer or rescreen within 6 months** = Missing 3 or more letters on the 20/32 line, or any line above the 20/32 line, with either eye OR 2-line difference between the eyes, even within the passing range – e.g., 10/10 (20/20) and 10/16 (20/32).

## Use Of Smaller Charts

- Smaller charts provide screening options.
  - Use the full chart for screening and smaller charts for rescreening.
  - Use one smaller chart for one eye and the other smaller chart for the 2nd eye.
  - When individual is reading a full line of the smaller chart on the left side of the chart, individual reads left to right.
  - When individual is reading a full line of the smaller chart on the right side of the chart, individual reads right to left.