

DESCRIPTION

Distance Eye Charts

This *Visual Acuity Chart Collection* was designed by an optometrist, Anthony Hanks OD.

Testing Distance:

The standard testing distance for visual acuity (VA) is 6 metres (or 20 feet), however sometimes there are space limitations in situations like a general practitioner's medical practice, or during a home visit to a patients with mobility issues. On these occasions a chart for a shorter testing distance of 3 metres (10 feet) is useful.

Note re the "Bottom Line":

Most charts have "normal vision" (6/6 or 20/20) as the bottom line, since most patients like to be able to read to the last line. However, some versions here also have one line better than normal (6/5) for practioners who prefer this.

High Resolution:

All charts in this series have been produced at a high resolution of 400 dpi.

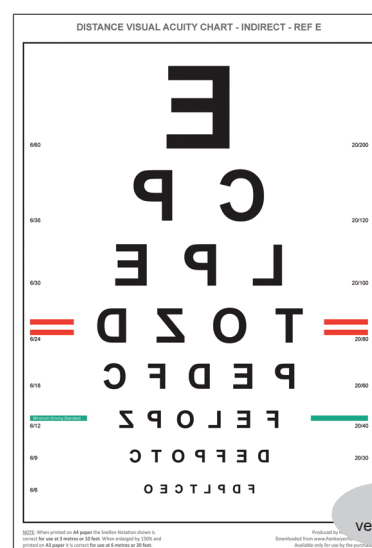
Reference Bars:

Coloured bars are included for reference when instructing the patient - For example, "Start with the line below the red bars". The green bars also indicate the normal driving license standard.



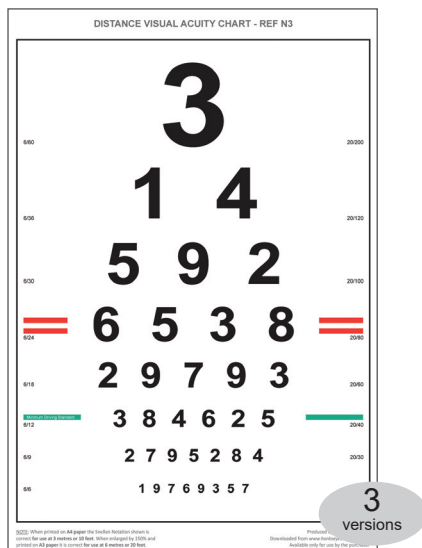
Adults Letter Charts

- ◆ Sizes: 6/60, 6/36, 6/30, 6/24, 6/18, 6/12, 6/9, 6/6, (6/5)
- ◆ Printer: Colour printer - laser or ink-jet
- ◆ Paper: ① Standard A4 paper
For use at 3 metres (10 feet)
- ◆ Paper: ② A3 paper - 150% enlargement
For use at 6 metres (20 feet)
- ◆ Note: This is the most popular chart. It is provided in three versions to counter memorising:
 - ◆ Ref E - Top letter E.
 - ◆ Ref D - Top letter D.
 - ◆ Ref T - Top letter T.
 - ◆ Ref E5 - Top letter E - Incl 6/5.



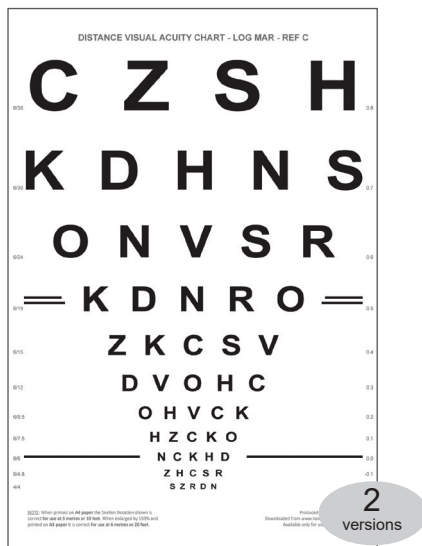
Adults Letter Charts - Indirect

- ◆ Sizes: 6/60, 6/36, 6/30, 6/24, 6/18, 6/12, 6/9, 6/6, (6/5)
- ◆ Printer: Colour printer - laser or ink-jet
- ◆ Paper: ① Standard A4 paper
For use at 3 metres (10 feet)
- ◆ Paper: ② A3 paper - 150% enlargement
For use at 6 metres (20 feet)
- ◆ Note: This chart is designed for viewing through a mirror ("indirectly"). It is provided in two versions to counter memorising:
 - ◆ Ref E - Top letter E.
 - ◆ Ref D - Top letter D.
 - ◆ Ref E5 - Top letter E - Incl 6/5.



Adults Number Charts

- ◆ Sizes: 6/60, 6/36, 6/30, 6/24, 6/18, 6/12, 6/9, 6/6, (6/5)
- ◆ Printer: Colour printer - laser or ink-jet
- ◆ Paper: ① Standard A4 paper
For use at 3 metres (10 feet)
- ◆ Paper: ② A3 paper - 150% enlargement
For use at 6 metres (20 feet)
- ◆ Note: These charts are useful for patients who do not recognise letter, or as an alternative chart. It is provided in two versions to counter memorising:
 - ◆ Ref N3 - Top number 3.
 - ◆ Ref N8 - Top number 8.
 - ◆ Ref N35 - Top number 3 - Incl 6/5.



Adults LogMAR Charts

- ◆ Sizes: 0.8, 0.7, 0.6, 0.5, 0.4, 0.3, 0.2, 0.1, 0.0, -0.1, -0.2
- ◆ Printer: Colour printer - laser or ink-jet
- ◆ Paper: ① Standard A4 paper
For use at 3 metres (10 feet)
- ◆ Paper: ② A3 paper - 150% enlargement
For use at 6 metres (20 feet)
- ◆ Note: These charts are based upon the Logarithm of the Minimum Angle of Resolution (LogMAR) and are often used in vision research. It is provided in two versions to counter memorising:
 - ◆ Ref C - Top letter C.
 - ◆ Ref H - Top letter H.

$$\text{LogMAR} = \text{Log}_{10} (1 / \text{Decimal VA})$$

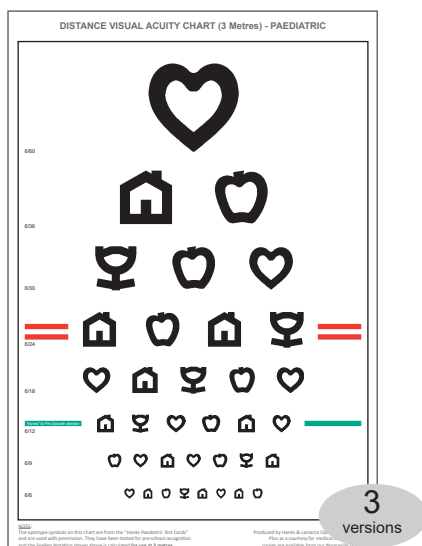
Children's Optotype Charts

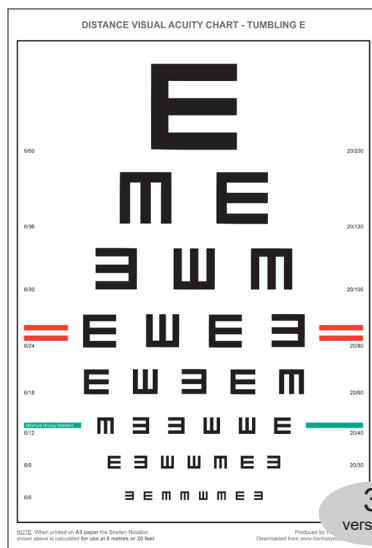
- ◆ Sizes: 6/60, 6/36, 6/30, 6/24, 6/18, 6/12, 6/9, 6/6, (6/5)
- ◆ Printer: Colour printer - laser or ink-jet
- ◆ Paper: ① Standard A4 paper
For use at 3 metres (10 feet)
- ◆ Paper: ② A3 paper - 150% enlargement
For use at 6 metres (20 feet)
- ◆ Note: For use with young children who cannot recognise letters reliably.

The symbols (*Hanks Optotypes*) have been tested for recognition with pre-school children (aged 3 to 5 years).

This chart is provided in two versions to counter memorising:

- ◆ Ref H - Top symbol Heart.
- ◆ Ref A - Top symbol Apple.
- ◆ Ref H5 - Top symbol Heart - Incl 6/5.





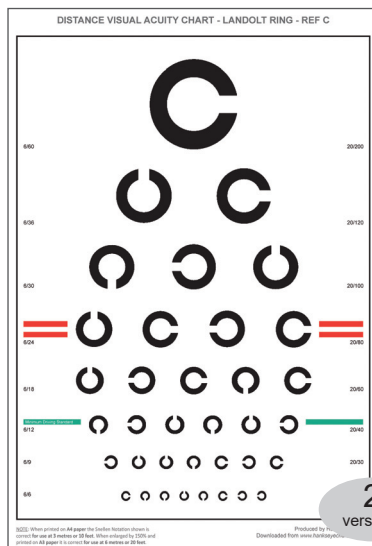
3
versions

Tumbling E Charts (Illiterate E)

- ◆ Sizes: 6/60, 6/36, 6/30, 6/24, 6/18, 6/12, 6/9, 6/6, (6/5)
- ◆ Printer: Colour printer - laser or ink-jet
- ◆ Paper: ① Standard A4 paper
For use at 3 metres (10 feet)
- ◆ Paper: ② A3 paper - 150% enlargement
For use at 6 metres (20 feet)
- ◆ Note: For use with young children, people who cannot speak English and others who cannot recognise letters.

This chart is provided in two versions to counter memorising:

- ◆ Ref R - Top symbol Right.
- ◆ Ref D - Top symbol Down.
- ◆ Ref R5 - Top symbol Right - Incl 6/5.



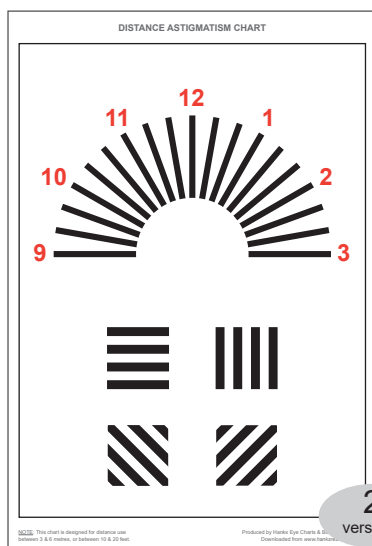
2
versions

Landolt Ring Chart

- ◆ Sizes: 6/60, 6/36, 6/30, 6/24, 6/18, 6/12, 6/9, 6/6, (6/5)
- ◆ Printer: Colour printer - laser or ink-jet
- ◆ Paper: ① Standard A4 paper
For use at 3 metres (10 feet)
- ◆ Paper: ② A3 paper - 150% enlargement
For use at 6 metres (20 feet)
- ◆ Note: For use with young children, people who cannot speak English and others who cannot recognise letters.

This chart is provided in one version:

- ◆ Ref C - Top symbol C.
- ◆ Ref C - Top symbol C5 - Incl 6/5.



2
versions

Astigmatism Charts

- ◆ Printer: Colour printer - laser or ink-jet
- ◆ Paper: A4 or A3 paper
3 to 6 metres (10 to 20 feet)
- ◆ Note: This chart is used when screening for astigmatism, or measuring the cylinder axis of the astigmatism.

There are two astigmatism charts:

- ◆ Astigmatism Clock & Blocks.
- ◆ Astigmatism Axis Chart.

Notes About Astigmatism Interpretation

The red numbers on the Astigmatism Clock Chart are designed for the patient, rather than for the clinician. They do NOT indicate the axis directly - for example 11 on the chart does not indicate an axis of 110.

This is described in our *Eyecare Education Series* E-03 on page 32 of this document.
