

SUPPORT FILES

Hanks Near Eye Charts



www.hankseycharts.com.au

Using the Hanks Near-Point Eye Charts

The *Hanks Near-Point Eye Charts* are useful for measuring visual acuity and visual function at a variety of common near tasks.

SETUP

For measuring visual acuity, the *Near-Point Eye Charts* should be held at a distance of 40 centimetres (16 inches) from the subject's eyes.

For assessing visual performance at different tasks, the *Near-Point Eye Charts* should be held at the habitual distance for the particular task. For example, music would typically be viewed from a distance of 60 centimetres (depending on the instrument). Or a computer screen is typically 50 centimetres from the eyes of a subject.

VISUAL ACUITY

Simply record the size of the smallest text that the subject is able to read without errors.

“NORMAL” VISION

Normal vision at 40 cm is the text below the *green highlight line*. This has the notation *N6, 40/40, J3* or *6Pt*.

HIGHLIGHT LINES

For ease of use when directing a subject, the most common near-point test materials are highlighted by coloured lines - red, green and orange. For example: “Please try reading the text below the green line?”.

N6 40/40 J3 1.00 6PT

It is not unusual for some patients to experience a slight difficulty adapting to a new prescription. This is especially true if a power change has been overdue. It will be easiest to adapt to a new prescription in familiar surroundings and a shorter period will be required if you avoid alternating between old and new pairs.

SNELLEN NOTATION

The Snellen notation on the *Hanks Near-Point Eye Charts* is in the equivalent 20/20 format, but it is stated for the typical testing distance of 40 cms. (Thus the first number is “40” to indicate the testing distance).

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HANKS NEAR POINT EYE CHART
 Chart 1: General Purpose / Adults

Contemporary tasks for assessment of vision at the near point

MUSIC
 Vision is a precious gift that should never be neglected. We should all value and care for our eyes.

COMPUTER
 It is estimated that every year over a million children worldwide aged 5 to 17 suffer eye injuries, mostly during play or sports. Parents can help prevent these accidents for small children by screening all toys. Avoid those with sharp points.

EYE INJURIES
 Older age groups are at a greater risk for cataracts and glaucoma. It is normal to expect that regular adjustments to spectacles will be required to give maximum vision.

NEWS PRINT
 LONDON: Twenty people suffered minor injuries as a multiple motorway pile-up in thick fog in southeast England yesterday. Thirty five vehicles, including buses and trucks, were involved in the crash. At one stage at least three trucks and a bus were involved, blocking the London-bound carriageway of the M4 in Buckshire. 75.

REFERENCE
 After a relatively stable period in the 20 and 30 year old age groups, a significant time for changing vision begins in the 40s. This involves a gradual loss of the ability to focus the lens inside the eye. The result is quite normal and most of these people will need reading spectacles or progressives.

TELEPHONE
 After 60, the eye will tend toward short-sightedness as the inner part of the eye lens hardens. Sensitive vision drops and the retina's fine discrimination of colours is dulled. By 70 most eyes show signs of cataract and the older, harder, clouded eye lens scatters light so that glare often becomes more of a problem.

CLASSIFIEDS
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 SELLER'S...
 CONVERSION...

This can be easily converted to the metric 6/6 format by selecting the same fractional relationship:

SNELLEN CONVERSION	40/	/200	/100	/70	/50	/40	/30	/25
	20/	/100	/50	/35	/25	/20	/15	/12.5
	6/	/30	/15	/10.5	/7.5	/6	/4.5	/4

When visual acuity is recorded, the distance at which the measurement was taken should also be recorded. For example, if the measurement was taken at 40 cms the result could be recorded as . . .

40/40 -or-
20/20 at 40 cms

SUPPORT FILES

Visit the *Hanks Eyecharts website* to download support files. These include *Education, Reference Tables* and *Results & Answers*.



Support Files & Results