

Snellen Eye chart

- alphabet chart used to measure visual acuity
- cover one eye, stand 20 feet away & read smallest line possible
- Normal vision is 20/20
- If miss one letter write "20/30 - 1 with glasses"
- top number indicates the distance the person is standing from the chart
- bottom number gives the distance at which a normal eye could have read that particular line
- 20/30 means you can read at 20 feet what the normal eye can see from 30 feet away.

Corneal Light Reflex (The Hirschberg Test)

- Assess the parallel alignment of the eye axes by shining a light toward the person's eyes
- direct person to stare straight ahead as you hold the light about 30 cm (12 inches) away.
- Note the reflection of the light on the corneas; it should be in exactly the same spot on each eye

Cataract: resulting from a clumping of proteins in the lens
• expected by age 70

Glaucoma: increased intraocular pressure
• 75-85 years old
• more men than women

Macular degeneration: breakdown of cells in the macula of the

Retina

- loss of central vision
- most common cause of blindness
- 75-85 years old
- more women than men
- unable to read fine print or sew & have difficulty distinguishing faces