

Recommended guidelines for comprehensive eye examinations of children referred to eye care providers for school age children

History

- Nature of the presenting problem, including diagnosis, visual difficulties, and chief complaint
- Visual and ocular history, including family ocular history
- History of premature birth
- General health history, pertinent review of systems, family medical history
- Medication usage and medication allergies
- Social history
- Vocational, educational, and a vocational vision requirements (i.e. needs assessment)

Visual function assessment

- Distance visual acuity
- Near visual acuity
- Contrast sensitivity testing, monocular and binocular (where available)
- Colour vision
- Confrontational visual field
- Central visual field

Refraction

- Objective refraction (including cycloplegic)
- Subjective refraction (including cycloplegic)
- Assessment of present spectacles and low vision devices

Ocular motility and binocular vision assessment

- Ocular excursions
- Assessment of ocular alignment
- Sensorimotor testing
- Cover test and prism cover test
- Effects of lenses, prisms, or occlusion on visual functioning

Eye examination findings

- Direct and indirect ophthalmoscopy
- Slit lamp biomicroscopy