

Color Vision

Age/Gender

Kindergarten males.

Purpose

To check for color vision deficiency.

Description

Color vision deficiency is checked by having the child read numbers or follow lines on specially designed color plates.

Equipment

- Ishihara Pseudo-Isochromatic Plates, Color Vision Testing Made Easy, or Good-Lite Book of Color Plates.
- Fluorescent desk lamp, if enough natural daylight is not available.

Facilities

A well-lit room, free of glare.

Screener Qualifications

Can be performed by screeners who have received the recommended training by the Minnesota Department of Health or equivalent. Refer to Assessment Tools on the [Vision Screening Forms, Tools and Materials webpage \(www.health.state.mn.us\)](http://www.health.state.mn.us).

Procedure

Follow the manufacturer's instructions.

The test book should be positioned to eliminate glare and at a normal reading distance from the child's eyes. It should never be in direct sunlight. Instruct the child to read the numbers or trace the image on each page using a paintbrush or cotton-tipped applicator.

PASS

Follow the manufacturer's instructions.

Generally, able to correctly identify numbers or follow lines on testing plates.

REFER

Follow the manufacturer's instructions.

Generally, inability to identify a number on any one or more plates or inability to follow the line on any one or more plates. Refer to the [Color Vision Advisory Letter \(www.health.state.mn.us\)](http://www.health.state.mn.us).

Considerations for Screening Special Populations

- If the person being tested does not know numbers, the plates with lines can be used.
- Do not use a pointer, such as a pencil, eraser, or finger that would mark up or deface the color plates. A clean, dry, paintbrush or cotton-tipped applicator works best for tracing.

Note: Children, other than kindergarten males, should be screened on request.

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Child and Teen Checkups
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To obtain this information in a different format, call: 651-201-3650.