

a Waggoner evaluation of color vision deficiencies



 doctor's name / clinic

 patient name

 age

 date

Pediatric - CVTME
 method

Daylight / 6500K
 test conditions

Standard Room Illumination

| Plate | R | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
|-----------|-------|-----|-----|-----|-----|-----|-----|-----|-------|-----|---------------|
| Pass | ☆ ○ □ | ○ □ | ☆ ○ | ○ □ | ○ □ | ○ □ | ○ □ | ○ □ | ☆ ○ □ | ☆ ○ | |
| Fail | ☆ ○ □ | ○ □ | ☆ ○ | ○ □ | ○ □ | ○ □ | ○ □ | ○ □ | ☆ ○ □ | ☆ ○ | |
| Correct ✓ | | | | | | | | | | | |
| Wrong ✗ | | | | | | | | | | | total correct |

Scoring | Initial Test: Pass = 8 of 9 correct (0 or 1 miss). Retest: Pass = all correct (no misses). Test time: about 30 secs each.

Demo "R" | Designed to be seen by all (color deficient and normal). Consider malingering if all shapes not correctly identified.

Key to Fail Results

- BLACK shapes are seen by all persons (color normal and color deficient). If BLACK shapes are not identified, check for very poor acuity or malingering.
- GREY shapes may not be seen by persons with Protan or Deutan deficiencies.
- Hesitation may be a sign of mild deficiency and noted.

NOTE:
 Non-standard lighting may allow false negatives for mild color vision deficiencies.

Alternate Method

For very young or disabled subjects, ask them "show me the ball / circle" on all plates:

- Color vision normal subjects should find the circle on all plates
- Color deficient subjects should find a circle on plates 3, 4, and 5 (may NOT see a circle on the other plates)
- If not, review instructions and / or suspect malingering. This method is featured at World Special Olympics.

| Plate | R | A | B | C | |
|-------|---|---|---|---|---------------|
| Pass | | | | | |
| Fail | | | | | total correct |

Test | "What object do you see on each of these cards: a dog, a boat, a house, a car, or nothing?"

Scoring | Pass is identification of all three tests (A, B, C). Test time about 30 seconds for each plate.

Demo "R" | Designed to be seen by all (color deficient and normal). Consider malingering if Demo shapes are not correctly identified.

FRM-104_A

Results: Normal color vision

Red - Green color deficiency (Protan or Deutan)

Notes:

