

Waggoner

Waggoner Computerized Color Vision Test (CCVT)

The Waggoner CCVT is the military-grade, color vision diagnostic application designed by Dr. Terrace Waggoner and validated by the Naval Aerospace Medical Institute (NAMI). Additionally, it is accepted by the U.S. Navy, Army, Coast Guard, and Marines for testing their pilots. It includes the pediatric Color Vision Testing Made Easy and D-15. The Waggoner CCVT is an all-in-one color vision testing suite to satisfy anyone interested in testing for color vision deficiencies ranging from school nurses to the U.S. Military.

Features

- Extended Color Vision Test: Diagnostic
- Self-administered and self-scoring
- Adult and pediatric tests
- CPT 92283
- Approved codes: glaucoma, ARMD, cataracts, lupus, optic nerve neuropathies, diabetes, hypertension
- Free 30-day trial (www.WaggonerDiagnostics.com)



	genetic deficiencies	acquired deficiencies	screening test	diagnostic	pediatric test included	CPT 92283	cross platform	accepted by militaries	test time (min)	
Waggoner CCVT Computerized Color Vision Test	✓	✓	✓	✓	✓	✓	✓	✓	3-6	\$795 to \$2,195
CCT ¹ Cone Contrast Test	✓	✓	✓	✓	✗	✓	✗	✓	5-6	\$5,500
CAD ¹ Colour Assessment	✓	✓	✓	✓	✗	✓	✗	✓	10-12	>\$8,000
ColorDx CCT-HD ¹ Cone Contrast Test HD	✓	✓	✓	✓	✗	✓	✗	✗	5-6	\$7,000

¹ trademarks are the rights of their respective owners. We recommend verifying the information with each vendor.

Clinical Evidence

Gao, H., Reddix, M., Williams, H., & Kirkendall, C. (2013, May). Can computer-based color vision test results predict performance in operational environments? Aerospace Medical Association Conference. Presentation conducted from Sheraton, Chicago, IL.

Rings, M. & Picken, D. (2014, May). Validation of a Computerized Color Vision Test. Aerospace Medical Association Conference. Presentation conducted from Hilton, San Diego, CA.

Reddix, M., Kirkendall, C., Gao, H., O'Donnell, K., Williams, H., Eggan, S., & Wells, W. (2014, March). Assessment of Color Vision Screening Tests for U.S. Navy Special Duty Occupations. Presented at the 85th Aerospace Medical Association, San Diego, CA

Ng, J. S., Self, E., Vanston, J. E., Nguyen, A. L., & Crognale, M. A. (2015). Evaluation of the Waggoner Computerized Color Vision Test. Optometry and Vision Science, 92(4), 480-486.

Waggoner

Waggoner Color Vision Books

The Waggoner PIP24 is a military-grade, color vision screening test designed by Dr. Terrace Waggoner and used by the US military for pilot screening.

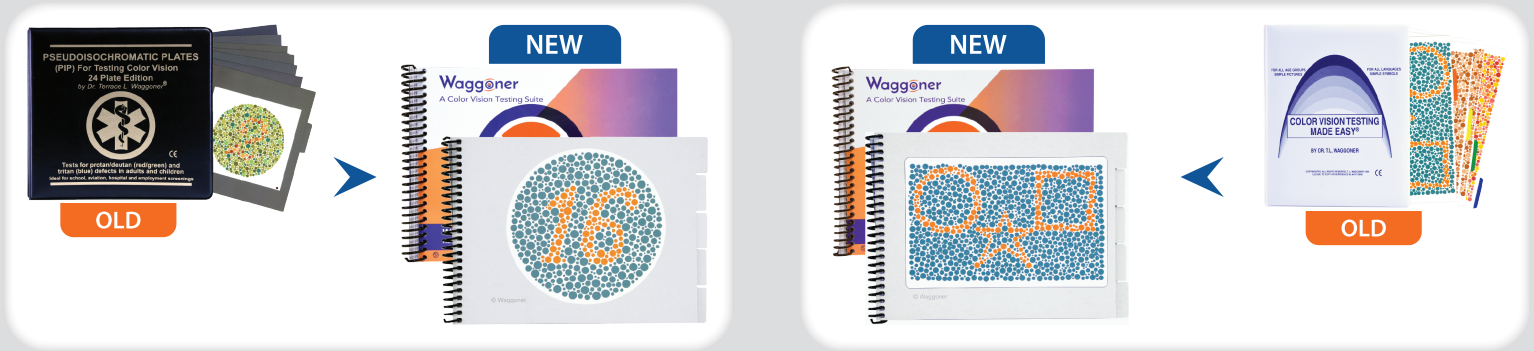
The Color Vision Testing Made Easy (CVTME) is the number one color vision test used by pediatric ophthalmologists, optometrists, school nurses, pediatricians, and the US Special Olympics.

Waggoner PIP24

- Adult and pediatric tests
- Accepted by US military and FAA
- Web enabled features, magnetic storage box

Color Vision Testing Made Easy

- Used by the US Special Olympics
- Symbols for any language
- Children enjoy it and easy to administer



	genetic deficiencies	acquired deficiencies	screening test	classify deficiency	pediatric	Amsler grid	number of plates	Price
Waggoner PIP24	✓	✓	✓	✓	✓	✓	24	\$195
Color Vision Testing Made Easy	✓	✗	✓	✗	✓	✗	15	\$110
Ishihara 24 ¹	✓	✗	✓	✗	✗	✗	24	\$229
HRR ¹	✓	✓	✓	✓	✓	✓	24	\$226

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Clinical Evidence

Walsh, D. V., Robinson, J., Jurek, G. M., Capó-Aponte, J. E., Riggs, D. W., & Temme, L. A. (2016). A Performance Comparison of Color Vision Tests for Military Screening. *Aerospace Medicine and Human Performance*, 87(4), 382–387.

Rings, M. & Picken, D. (2014, May). Validation of a Computerized Color Vision Test. *Aerospace Medical Association Conference*. Presentation conducted from Hilton, San Diego, CA.

Cotter, S. A., Yee, D. Y., & French, A. L. Evaluation of a New Color Vision Test: Color Vision Testing Made Easy. *Optometry and Vision Science*, 76, 631-636.

Erickson, G., & Block, S. Testability of a color vision screening test in a population with mental retardation. *Journal of the American Optometric Association*, 70, 758 - 763.