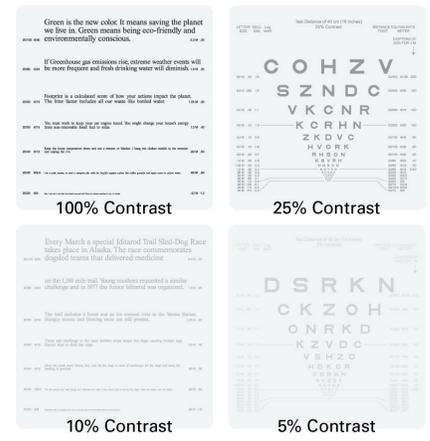
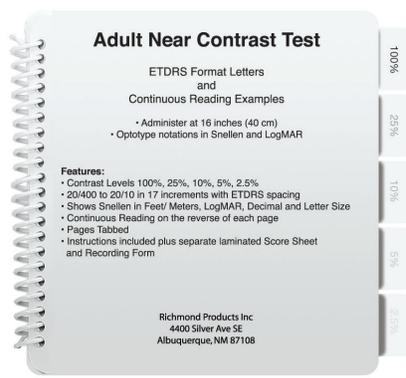


Adult Near Contrast Test

Part Number: 587700



Key Features:

- Contrast Levels 100%, 25%, 10%, 5% and 2.5%
- Both ETDRS Letters and Continuous Reading Examples
- 20/400 to 20/10 in 17 increments
- Shows Snellen in Feet/ Meters, LogMAR, Decimal and Letter Size
- Pages tabbed at each contrast level
- Instructions, Score Card, Recording Form and Answer Key

Near Contrast testing can provide an efficient means to detect or track ocular pathologies, including glaucoma, ARMD, diabetic retinopathy, cataract, and keratoconus. Low contrast acuity loss measurement can also be helpful in demonstrating to patients and their families the need for intervention such as cataract surgery or occupational and lifestyle changes. Good-Lite® has developed a new Adult Near-Contrast Test Booklet with contrast sensitivity levels of 100, 25, 10, 5 and 2.5 percent using Michelson measures. These are printed on high-quality styrene plastic for long term durability. Each contrast level has ETDRS style letters and Continuous Reading Examples. This new test provides additional capabilities compared to the Holladay Functional Acuity Contrast Test (F.A.C.T.™), which is currently unavailable.

Prerequisites:

1. Accurate maintenance of the test distance is very important 40 cm (16 inches). It may be helpful to make a copy of each page so you can follow along.
2. Luminance should be 85 +/- 25 cd/m², which is approximately a photographic exposure of 1/30 to 1/60 second at (2.8 with a film rating of 200 ASA).
3. Testing is accomplished monocularly and scored separately.
4. Encourage the patient to take their time and give them 10 to 15 seconds to read aloud each paragraph.

Contrast Level - Letter Charts:

1. Have the patient read each row of the acuity chart starting with 100% contrast. Record the number of errors on each line on the score sheet provided When 3 errors are made in a

particular row. the test is complete at that level of acuity and contrast Give credit for any correct letters beyond this last row.

2. Decrease the level of contrast and record in the appropriate column the number of letter errors in a manner similar to step 1.
3. Repeat the letter chart recording for the other eye.
4. Using the results from the Score Sheet, plot the Total Points on the Recording Form for each eye. Record OD with 'R', to indicate the last line read correctly for each level of contrast, such as 25% 20/40, etc. Repeat for OS marking results with 'L'.

1. Connect the R's and L's to determine the Contrast vs Acuity level trend line.
2. Compare the trend line to the shaded area which defines 'Normal' contrast sensitivity. Overall comparison of the raw data OD to OS can be very revealing. Further insight can be gained by comparison to previous test results to discover any trends.

Contrast Level - Continuous Reading:

1. Have the patient read each paragraph at 100% Contrast of the Continuous Reading and record the number of words read correctly for each level of acuity on the appropriate section of the score sheet. When more than half of the words of a paragraph are read correctly the test is complete for that paragraph.
2. Move to the next lower contrast level and again record the number of words read correctly for each level of acuity. Repeat the Continuous Reading for the other eye. Interpretation of the Continuous Readings are certainly less rigorous than the Letter Charts, however, they permit a more 'real world' evaluation of the patient's Contrast Sensitivity. Consult more extensive documentation on Contrast Sensitivity to make further comparisons to normal contrast sensitivity' profiles.