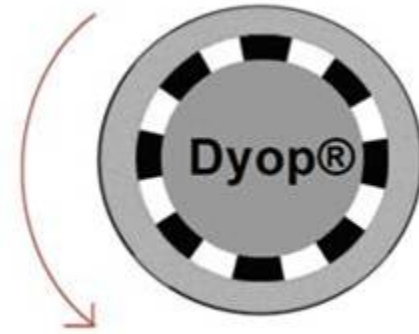
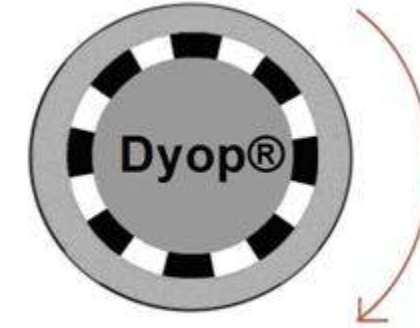
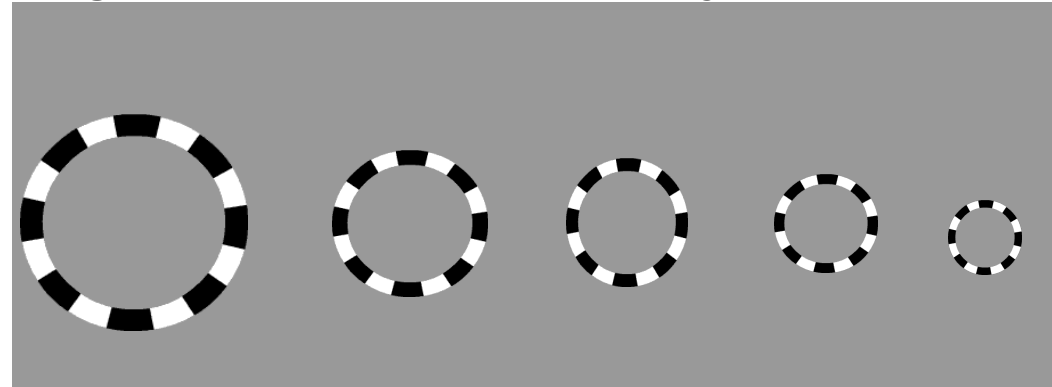


Introducing the Dyop®

The “Revolutionary” Method for Measuring Visual Clarity (Acuity)
Helping the world see more clearly, one person at a time.



Counter-Clockwise



Clockwise

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A complimentary Research-Only copy of the Dyop (Windows) Professional test is available for your use.

Dyop_Application_Request.pdf

http://www.dyop.net/documents/Dyop_Application_Request.pdf

Please send your contact information to Allan@dyop.org to receive a copy of the **Test** and your

Personal License Key.

Include: Name, email address, phone number, physical address, company and/or university, and your anticipated research project.

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See the document https://www.dyop.net/documents/Dyop_Update_Guide.pdf with screen shots for guidance.

To install the Dyop tests, when you receive the file, download the **Release-V12.20.zip** file into your
\Downloads folder.

Go to the \Release SUB-FOLDER in the **\Release-V12.20 zip** program folder and open the **Dyop.exe** file
which will create a NEW (unzipped) **\Release-V12.20** folder and **\Release** subfolder with the actual test.

Go to the UNZIPPED **\Release-V12.20** folder and the \Release SUB-FOLDER and open the **Dyop.exe** file
which is the actual **Dyop** program.

Once you initially install and open the Dyop program, you need to copy and paste the issued **License Key**
in the startup panel to initialize using the Dyop tests.

Press the **F-10** key to go to the Setup Menu to calibrate the basic Dyop diameters per your monitor and patient
viewing distance.

Save those settings, close the setup menu, and proceed to enjoy the plethora of the Dyop test permutations.

Dyop Users Guide: http://www.dyop.net/documents/Dyop_UsersGuide.pdf

For the detailed user reference see the Dyop Test Instructions
https://www.dyop.net/documents/Dyop_Test_Instructions.pdf

The Instructions include the Professional Windows Dyop Test Options (with associated keystrokes)

Adult Test – “A” - standard central duo – Black/White on Gray

Children’s Test - “U” - separated peripheral duo – Black/White on Gray

Infant Test - “I” - alternating peripheral single – Black on White

Contrast Sensitivity Test – “C” - standard central duo – Color Adjustable Gaps/Segments

Single Dyop Test – “S” - single central Dyop – Black/White on Gray

Precision Test - “P” - Dyop duo w/ smaller increments size changes – Black/White on Gray

Patient Wizard Test – “W” - group of automated Dyop test w/ multiple formats and Color options

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Dyop Self-Tests

A simple experiment to demonstrate that acuity is regulated by the Chromatic Triangulation of Red, Green, and Blue, rather than by the brain, is to close one eye and look around the room where you are now. You will notice that with only one eye open you can still determine the relative distance to nearby objects without the need for binocular vision documenting that acuity is NOT regulated by the brain.

If you wear glasses, a simple test to verify that your lenses are too strong (with too much minus power IF you wear glasses), is to push your glasses about a half inch away from your face and see if the words you are reading become larger and more legible. If you notice that the words get more legible, that Snellen-induced excess minus power of your glasses is typically about 0.25 to 0.50 diopters. While it isn’t much, it reduces your cognition and possibly your IQ by 10 points.

You can verify the **hyper-stimulus visual** effect by briefly staring at a white light bulb and then closing your eyes. With your **eyes closed** you should notice a white stimulus ring for an additional ten seconds from the depleted photoreceptor response. **Similar computerized hyper-stimulus is a probable contributor to the visual damage done by using Snellen testing.**

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The Dyop® (Dynamic Optotype™) tests and concept are covered under U.S. Patent US 8,083,353
and International Published Patent WO 2011/022428.
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