

SEQUEL TO CASE REPORT
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The following case report is a continuation of case no. 2 Bilateral Amblyopia in July-August 1949 Syntonogram.

The patient, who is now 20 years old, has been attending Kalamazoo, Michigan College, and his ambition is to become a teacher. Since the last visit, the family moved to Detroit, Michigan. The minister of their church secured employment for him during his summer vacation in order to enable him to continue the visual training.

He presented himself at my office on June 23, 1949, and reported enjoying excellent health, and has been doing well in school. He is now 5 feet 7 inches in height, weighs 150 pounds, stocky build, round face, short neck, rather good looking, with friendly smile most of the time, color of hair and eyes brown. He looks the picture of good health.

Type P, naked vision, R. 20/100; O.U. 20/80-2.

Versions, rotations, movement good. Absolute convergence 3', pupil 6 MM, pupillary reflexes sluggish, but consensual. Iris, lids, conjunctiva, lachrymal apparatus, normal; cornea and lens, clear.

No. 1 - Ophthalmoscope, fundus normal, well defined disc, with arteries and veins in ratio.

No. 2 - Ophthalmometer, R. 42.75 at 10 43.25 at 110
L. 42.50 at 160 43.00 at 70

No. 3 - Habitual phoria at 20 ft., 1 Eso

No 13A - Habitual phoria at 20 ft. 10 Eso

No. 4 - Static retinoscope OU +1.75

No. 5 - Dynamic retinoscope OU +3.75

No. 7 - Subjective R. +1.75 20/100
L. +1.75 20/100 OU 20/80-2

No. 8 - Induced phoria 4. Eso

No. 14B - Binocular cross cylinder OU +2.75

No. 15B - Induced phoria, 10 Eso

From June 23 to August 17, patient had 30 syntonics periods, and it was changed on each seventh visit.

Visual acuity test was made following each sixth syntonization. During these 30 visits, syntonics only were given.

From August 17 to August 26, the last six visits, and preceding each syntonization, patient was given the Keystone tel-eye trainer with the following stereograms: calisthenics with rotor No. 1 amblyopic, rotor

No. 1 base-out and base-in eye comfort series, also 2 minutes on BU No. 20, with rotor ½. These were followed with syntonix Rx No. 6.

Visual acuity tests were as follows:

July 6	Following	Rx No. 1	OU	20/80-1	NL 4 m.; α 6 m. FF; α+θ 5 m. FF; α+S 5 m. FF.
July 15	“	Rx No. 2	OU	20/80-1	NL 5 m.; μ 5 m.; θ+S 5 m. FF; μ+υ 5 m.
July 28	“	Rx No. 3	OU	20/70-2	NL 5 m.; μ+δ 10 m.; α 8 m.; All NF.
Aug. 7	“	Rx No. 4	OU	20/60-2	NL 5 m.; α 5 m.; α+θ 5 m.; α+δ 5 m.; All NF.
Aug 17	“	Rx No 5	OU	20/60-2	NL 5 m.; α 5 m.; α+θ 5 m.; α 5 m.; θ+S 5 m. NF
Aug 26	“	Rx No. 6	OU	20/60-2	NL 5 m.; α+θ 10 m. FF; θ+S 6 m. NF

No further visual acuity improvement was obtained following August 7 with Syntonix Rx No. 5.

This, I believe, is not final as to results which may be obtained by further experimenting with syntonix filters singly, and still other combinations, also variation of the time exposure. It is significant that he identified correctly the numbers in 17 plates of pseudo Isochromatic American Optical Company testing plates. On 8 other plates, he identified some of the numbers, which was not credited.

Most of the numbers he identified correctly were of the red-green testing variety, and only a couple of the blue-yellow.

These are the numbers he called correctly:

Plates 1-2-3-4-12-13-15-16-25-26-32-33-34-41-42-45-46.

While he still cannot tell one color from another, and identifies them as darker and lighter, he was instructed to obtain color charts with color names imprinted on them, and practice matching them with colors of various objects and try to identify them by color names.

This boy, like his sister, was truly totally color blind. He was quite surprised when he identified the plates as he could not do so previously.

In a letter recently received from this patient, he writes that while there is no noticeable change in his vision, he can use his eyes for long periods of time without experiencing any discomfort.