

Myopia, a letter from Spitler

Dr. Ruhndorf, a member of the Academy, received a letter from Dr. Riley Spitler. The following paragraphs of this letter may be of interest to the membership:

Your surmise relative to Pacini is correct. Their work was mainly done on SKIN radiations and with wave-lengths from 3050 to 1850 A. U. The eye does not respond to these short waves.

From 1909 until 1934 I was working along similar lines. Always there was failure. But thru the eye we get responses due to the fact that the eye is the ONE receptor of radiant energy within the visible range. Skin responds up to 5500 then no further response until about 3050, so you see there is the large gap of from 5500 to 3900 in the visible range to all of which the eye responds but the skin does not.

I agree with you functional conditions respond always to a greater extent than do the purely visual deficiency causes. This is, of course, to be expected.

Myopia of the Progressive type must be stopped before any lessening of myopia can be hoped for and then are hard to stop. Static myopia - - purely stationary axial myopia - - does not decrease under any of the frequencies with which I have worked.

In pseudo-myopia in children try $L \omega$ and $L \delta \omega$, alternated 1-1. μv ordinarily does no good in such cases. Have children wear about 3 prism diopters base in during syntonization.

Ed. Note: Letter found in the 1936 case reports from the Oregon Academy of Syntonic Optometry