

WORLD EYE AND VISION CONGRESS

May 20-21, 2019 | Dubai, UAE



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One more year: Update on a longitudinal study of visual improvement and efficacy with transcorneal electrical stimulation retreatment in subjects with retinitis pigmentosa

Some Retinitis Pigmentosa (RP) subjects show improved visual function following Transcorneal Electrical Stimulation (TES). The present study is a longitudinal report of the three subjects who were monitored > 41 months for declining visual function, which is expected in those with RP. The subjects received periodic retreatments of TES. Over a period of 41-43 months we monitored visual acuity (VA), quick contrast sensitivity function (qCSF) and visual acuity (VA). We found improvement in some of the

functions for all three participants and did not see a drop below initial baseline in any of the subjects. Patient reports were consistent with the objective findings of enhanced visual performance. After encouraging visual improvements post TES that lasted several months, it appears restoration and/or prevention of slowly diminishing vision (or, at least maintenance of baseline findings) over time is possible with continued retreatments of TES. This requires large scale controlled study confirmation

Biography

Kenneth R Seger received his doctorate of optometry from the University of California. Following a fellowship at All-India Institute of Medical Sciences, he obtained MSc from University of Manchester. He taught at the University of California School of Optometry for 16 years. He has been at Nova Southeastern University for the last 20 years, teaching theoretical and practical classes as well as performing research. He has presented work in the USA, Europe and China. He is known for incorporating art, poetry and music into his courses. At NSU, he has been named professor of the year six times.

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