

Repeated Low-Level Red Light Therapy for Myopia Control in High Myopia Children and Adolescents

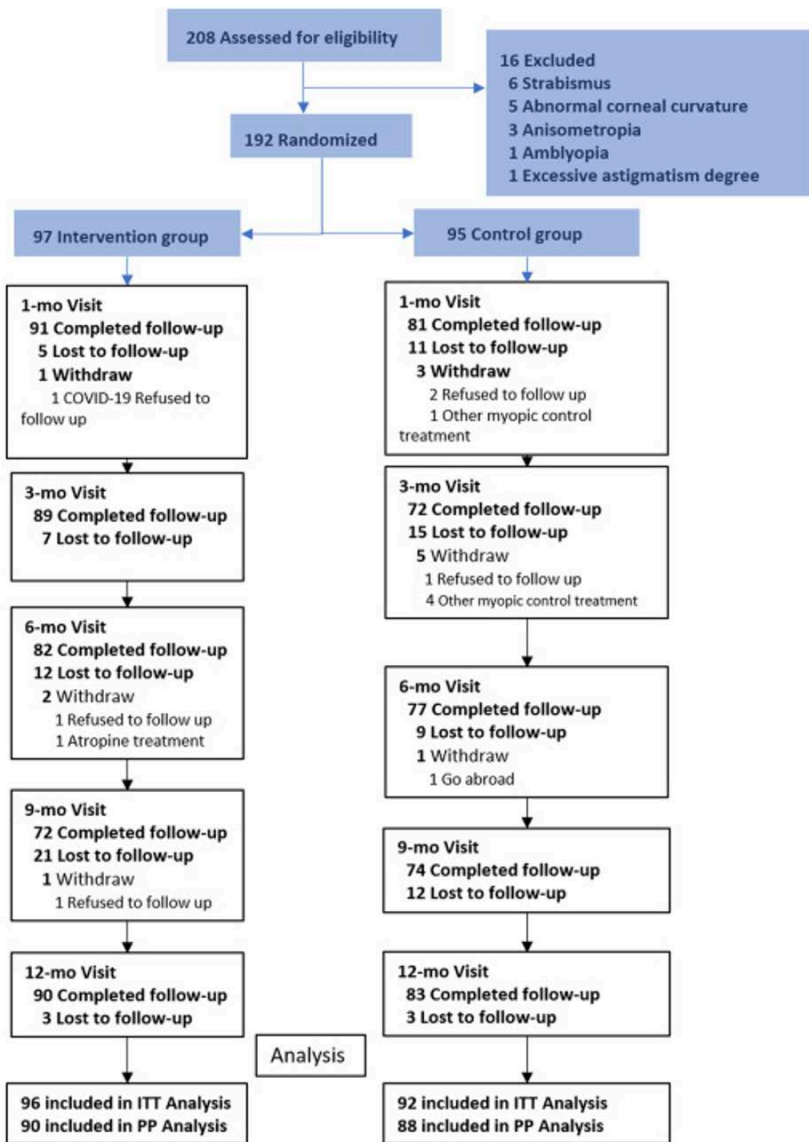
A Randomized Clinical Trial

Yan Xu PhD | Lipu Cui PhD | Miao Kong PhD | Qian Li MD | Xueliang Feng | Kehong Feng BS | Huang Zhu PhD | Hongping Cui PhD | Caiping Shi MD | Jian Zhang MSc | Haidong Zou PhD

Purpose:

To assess the efficacy and safety of RLRL in high myopia children and adolescents (6 to 16).

Method:



Results:

Mean AL change in the RLRL group was shortening of -0.06mm with 50.3% experiencing AL shortening >0.05mm. In comparison, the control group had AL elongation of 0.34mm.

Mean SER change in the RLRL group was also an improvement of 0.11D in the RLRL group and -0.75D progression in the control group.

Treatment compliance was good with 84% median treatment compliance.

No adverse effects were observed.



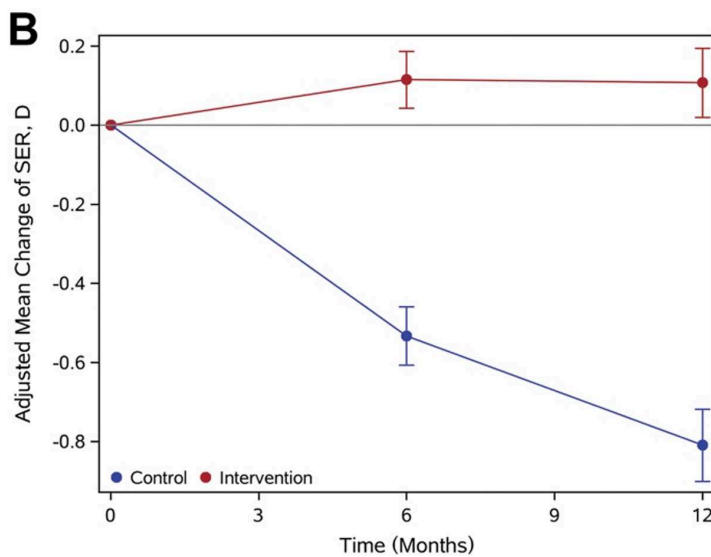
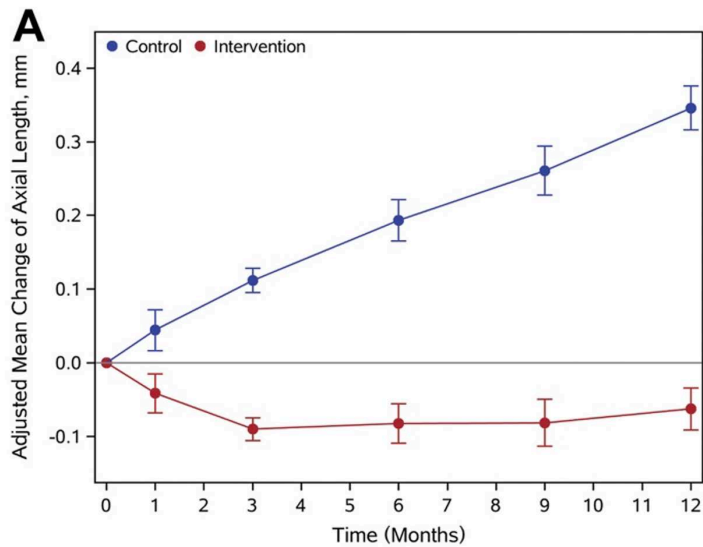
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Outcome:



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