

# Efficacy of Repeated Low-Level Red-Light Therapy for Slowing the Progression of Childhood Myopia

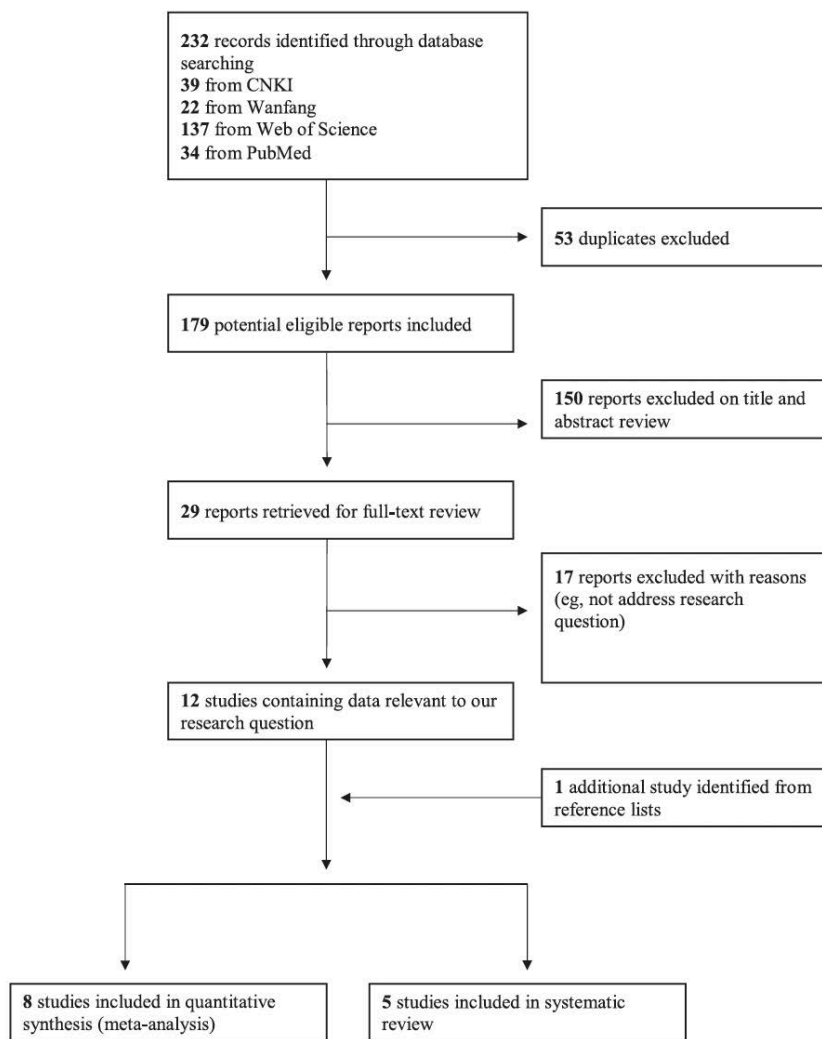
## A Systematic Review and Meta-Analysis

Jie Tang | Ya Liao | Na Yan | Shiferaw Blen Dereje | Jingjing Wang | Yunjiao Luo | Yuhao Wang | Wen Zhou | Xiaojuan Wang | Wei Wang

### Purpose:

To evaluate the long-term efficacy and safety of RLRL for childhood myopia.

### Method:



### Results:

This analysis included 13 studies (8 randomized controlled trials, 3 non-randomized controlled trials, 2 cohort studies) involving 1857 children and adolescents. Eight studies were included in the meta-analysis.

Weighted mean difference for myopia progression between RLRL and control groups was SER difference of 0.68D per 6 months, AL difference of -0.35mm per 6 months and choroidal thickness difference of 36.04 $\mu$ m per 6 months.

No studies reported any adverse events or structural damage on OCT.

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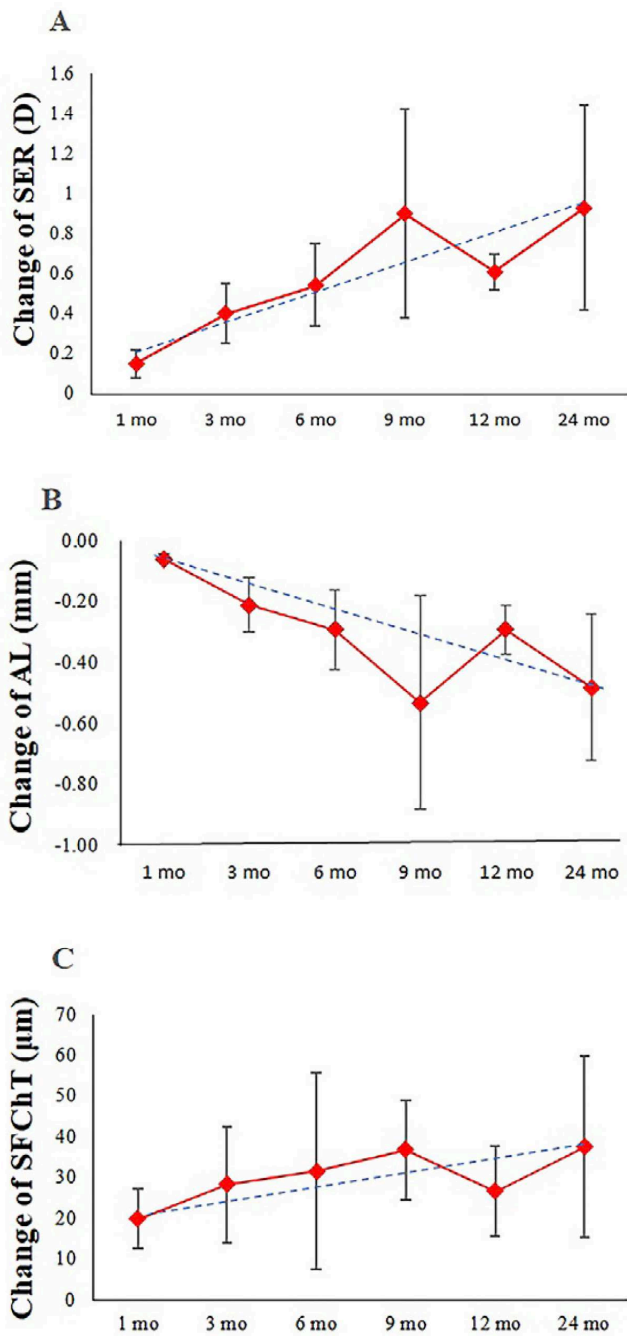


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### Outcome:



To find out more about Repeated Low-Level Red-Light Therapy, get in touch with the Eyerising International team today.