OPTICAL TREATMENTS FOR CONTROLLING MYOPIA PROGRESSION: EXPERIMENTAL MODELS AND CLINICAL STUDIES

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Abstract:

Experimentally imposing different types and amounts of defocus with contact lenses produces predictable changes in eye growth and refractive state. The responses to experimental multifocal contact lenses indicate that similar designs may be used to treat myopia in humans. Several preliminary clinical studies show promise for optical treatments to control myopia progression. This presentation will examine the experimental evidence behind this approach and survey some of the recent clinical studies.

REFERENCES

