Acta Scientific Ophthalmology

Volume 2 Issue 6 July 2019

Perspective

Recent Advances in Ophthalmology Medical Treatment of Myopia

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Received: May 10, 2019; **Published:** June 26, 2019

Lot of recent advances are taking place in different branches of ophthalmology and in this contex various trailes are being made in the medical treatment of myopia one of the commonest refractive errors.

The first methodological trial made for medical treatment of myopia has been by use of topical atropine eye drops we know in myopia axial length of eyeball is large and atropine eye drops are believed to reduce the axial length of eye ball and thus may correct myoia however this study is still under trial.

The other methodology of correction of myopia in children of 5 to 9 years of age with moderate myopia has been by use of special types of contact lenses known as ortho k and the methodology is known as orthokeratology.

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These special types of contact lenses are put by children during night in the process they cause corneal reshaping and in the morning myopia is corrected by few diopters so the child goes to school without contact lenses and glasses these contact lenses are also supposed to arrest the progression of myopia by 40 percent so when the child attains the lasik age like procedure is done.

These contact lenses are very helpful for the children who want to go for sports.

In prespyopia astigmatism and hyperopia these special types of contact lenses have also been tried.

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