

Special Issue

Prevention and Treatment of Myopia in Children

Message from the Guest Editors

Myopia is the most common eye disorder worldwide and is often mis-regarded as a refractive error that can simply be corrected with spectacles, contact lenses, or refractive surgery. Myopia, especially in higher amounts, is associated with an increased risk of serious ocular complications. Prevalence is caused by the profound interaction between genetic factors and environmental factors, with genetic predisposition playing only a limited role in the development and growth of myopia.

Epigenetic changes as well as environmental factors play a bigger role, which offers the scientific community hope and the possibility to intervene in the progression of myopia in children. Children all over the world wear glasses that are proved to control myopia. These glasses have different refractive powers in the center and periphery, following and adapting to the curvature of the eye so that each point on the retina is equally correctable using separate diopters. The aim of this Special Issue is to give clinicians and researchers in the field insight into the recent developments, as well as to inform other disciplines that can help in the education and promotion of myopia control in children.

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