

Review on Albinism

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Abstract: *Albinism affects the eyes and the visual system. As a result, individuals with albinism may experience photophobia, nystagmus, and poor visual acuity. They frequently have refractive errors, poor binocular, or stereoscopic vision and they may have strabismus. These functional changes are the result of the anatomical alterations associated with albinism. A reduction in melanin synthesis results in hypopigmentation of the following components of the eye: the iris (the diaphragm that controls the access of light to the retina), the retinal pigment epithelium (that has an integral supportive role to the neurosensory retina), and the choroid. Furthermore, in albinism, there is poor development of the fovea (the region of the retina responsible for central vision and best acuity) and anatomical changes in the visual pathway that connects the eye to the brain. With the appropriate management, individuals with albinism may maximize their visual potential. General measures, such as reducing photophobia and glare, refractive correction, and visual aids, may improve visual acuity. Strabismus and nystagmus may respond to surgical correction.*

Keywords: Albinism, Oculocutaneous, Kertosis, Actinic, Skin neoplasms, Social stigma.

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