

CONTACT LENSES

*Siddireddy J. S.***Eyelids and contact lens discomfort**

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In the proposed review of evidence-based medicine data, a thorough study was conducted of the influence of a number of factors on the comfort of wearing contact lenses. Among them are the condition of lid-wiper, the biophysical properties of a tear, the microbiota of the ocular surface, and many others.

Keywords: contact lenses, discomfort, epitheliopathy, eyelid, microbiota

*Lievens Ch. W., Jones L.***The compelling case for hydrogen peroxide**

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The article considers the existing scientific and clinical evidence of the advantages that systems for the care of contact lenses based on hydrogen peroxide have. Recommendations on their appointment to patients are given.

Keywords: care products, contact lenses, disinfection, hydrogen peroxide

SPECTACLES AND OPHTHALMIC LENSES

*Shcherbakova O. A.***Understanding – what are the needs of young presbyopes?**

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Who are young presbyopes and people approaching presbyopic age? Why it is so much talk about them and what are their needs and visual problems?

Keywords: accommodation, addication, presbyopia, spectacle lenses

DIAGNOSTICS, TREATMENT, PHARMACOLOGY, PHARMACY

*Abugova T. D.***Color correction of dyslexia**

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The article describes a new method of color testing and color correction, which allows correcting visual and visual-spatial perception disorders in children with learning difficulties, in particular with dyslexia. The characteristic features of dyslexia, the author's method of research and the possibility of color correction in this state are presented. Despite the fact that currently only defectologists, speech therapists, neuropsychologists, psychologists, neurologists and correctional teachers provide assistance to patients with dyslexia, it is proved that color correction in dyslexia should be carried out by ophthalmologists.

Keywords: color correction, dyslexia

POINT OF VIEW

*Tomiyama E., Richdale K.***How environment and genetics give rise to myopia**

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The article reviews the scientific literature devoted to the study of the influence of environmental factors and genetics on the acquisition and progression of myopia in children.

Keywords: environment, genetics, glaucoma, myopia, retina

NEW O.D.

*Purslow Ch.***All dry eye drops are not created equal**

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Professor Christine Purslow explains how the constituent components of drops for dry eye influence their properties and offers some practical advice about their use.

Keywords: dry eye, eye drops, osmolarity, tear film, tonicity