

CONTACT LENSES

*Howard N., Searle E.***Corneal topography: contact lens considerations**

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Corneal topography provides an invaluable platform for the observation of corneal profile and ultimate choice of contact lens design. This article considers the benefits of increasing accuracy, patient comfort, and potential success when using 'virtual' contact lens fitting programmes.

Keywords: corneal apex, corneal topographer, corneal topography, keratoconus, RGP

*Bradford P.***Scleral contact lenses: back to the future**

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This article explores the resurgence of scleral contact lenses, the indications for their use, and the approach to the fitting process.

Keywords: contact lenses, scleral lenses, specialty lenses

SPECTACLES AND OPHTHALMIC LENSES

*Shcherbakova O. A.***Aspheric lenses for the nice glasses**

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Everyone who wears glasses would like them not only to provide the required visual acuity, but also to look nice on the face. However, it is difficult to achieve aesthetics with high degrees of ametropia, both myopia and hyperopia, since high-diopter lenses are thick, heavy and strongly protrude from the rim. Aspherical lenses for glasses help to solve problems not only with aesthetics, but also with optics.

Keywords: aspheric lenses, spherical aberration, vision acuity

DIAGNOSTICS, TREATMENT, PHARMACOLOGY, PHARMACY

*Jeffrey J. W.***Myopia control in 2019**

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The latest information from the peer-reviewed literature about clinically applicable myopia control.

Keywords: atropine, multifocal soft contact lenses, myopia control, orthokeratology

*Gifford K.***The International Myopia Institute White Paper Reports – a landmark moment**

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Recently, the International Institute of Myopia published a report on the current state of affairs in the study of myopia and methods for monitoring its progression. This material offers general information about this important document.

Keywords: child, consultation, parent, pediatric optometry

EDUCATION

*Davydov V. A., Rylova D. B.***XXI international forum of ophthalmologists, opticians and optometrists in St. Petersburg**

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The next XXI international forum of ophthalmologists, opticians and optometrists in St. Petersburg Medical and technical College was held on March 22–24, 2019.

NEW O.D.

*Hefner W.***Warding off the blues**

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The article describes the effect of high-energy blue light on the systemic and eye health of our patients. Recommendations for the prevention of the harmful effects of blue light are given.

Keywords: age-related macular degeneration, blue light, smartphone, tablet