

CONTACT LENSES

Perfilyeva Ye. A., Mashkov D. A.

Opportunity of optical coherence tomography for assessment of soft contact lens fitting in patients with induced ametropias **4**

Keratorefractive procedures is a widespread method of surgical correction of ametropias. In some cases, it is impossible to perform the full correction. Also, in long-term postoperative period some regress may occur, or patients are needed a prescription because of presbyopia. Soft contact lenses can be one of the methods of visual correction, which can be fitted to these patients. Optical coherence tomography can be used for fitting assessment in these cases.

Keywords: flat cornea, keratorefractive surgery, optical coherence tomography, soft contact lenses

XIII International Conference on Contact Lenses “Acuvue Eye Health Adviser” **14**

On April 6, 2019, Johnson & Johnson Vision held a traditional international conference on contact vision correction. Here is our review of the presentations.

Steele K.

Contact lens compliance: a review **20**

The article is a review of the scientific literature on the issue of patient compliance with doctor’s instructions on how to safely wear contact lenses and care for them.

Keywords: complications, contact lenses, execution of instructions, safety, microbial keratitis

SPECTACLES AND OPHTHALMIC LENSES

Shcherbakova O. A.

Coatings for clean lenses **25**

Today’s eyeglass users take for granted the presence of optical coatings on the surface of eyeglass lenses. Modern multi-functional coatings have a complex structure and consist of pre-hardening, anti-reflective and anti-static layers that provide high light transmission, scratch resistance and durability of lenses. However, all these properties are most evident in the presence of the final hydro and oleophobic coating.

Keywords: coating, comfort, spectacle lenses, vision acuity

DIAGNOSTICS, TREATMENT, PHARMACOLOGY, PHARMACY

Kobinets Yu. V., Novikov S. A.

New opportunities and tools in controlling of myopia progression **31**

The amount of people with myopia is increasing in our days. Some of the authors evaluate this situation as pandemic. The progression of myopia is associated with severe complications. According to this, the myopia should be corrected and the progression should be stopped. In the article we review current methods of correction myopia to slow down the progression.

Keywords: correction, myopia, progression, theory of pathogenesis

NEW O.D.

Mihic K., Hull Ch., Nagra M., Huntjens B.

Orthokeratology lens design for myopia management **42**

The article is a review of literature on the history of orthokeratology, ortho-k lens design, its capabilities in controlling myopia, indications and contraindications to the procedure.

Keywords: contact lenses, myopia management, ortho-k