

CONTACT LENSES

*Zimmerman A. B.***Contemporary CL complications**

2

Tips for when eyes experience insults due to hypoxia, mechanical irritation, toxicity, or microbial contamination.

Key words: complications, contact lenses, hypoxia

*Jones L.***Daily disposable silicone hydrogels – necessary or not?**

10

Data from a recent review of the trends in the contact lens industry shows that ophthalmologists and optometrists prefer those made of hydrogels among daily lenses. This review shows that this view is unwarranted.

Keywords: contact lenses, daily disposable lenses, silicone-hydrogels

SPECTACLES AND OPHTHALMIC LENSES

*Shcherbakova O. A.***Photochromic lenses and a car**

16

Photochromic lenses are in steady demand among glasses' users, who value their two in one convenience – protection from changing solar radiation intensity and vision correction. But many people ask the question, is it possible to use them while driving? Will they retain their useful properties?

Keywords: car, driver, photochromic lenses, UV-radiance

DIAGNOSTICS, TREATMENT, PHARMACOLOGY, PHARMACY

*Gifford K.***The myope up close**

20

This article describes how binocular vision assessment is relevant to identifying children at risk of developing myopia and managing progressing myopes in both spectacle and contact lens corrections.

Keywords: accommodation, binocular vision, myopia

NEW O.D.

*Hanratty M.***OCT in optometric practice**

27

This article will explore the use of this technology in clinical practice with an introduction to interpretation of the scans.

Keywords: OCT, retina, tomography

*Cole A.***Breaking bad news**

34

The article considers the problem of informing the patient about the disease that has developed. This is not the most pleasant side of the professional activity of ophthalmologists and optometrists. The required skills and competencies, accepted models of work with similar patients are listed.

Keywords: bad news, health, optometrist, psychology

RESEARCH

*Proskurina O. V., Tarasova N. A.***The influence of progressive and perifocal glasses on refraction, accommodation and muscle balance in children with progressive myopia**

41

The article shows the effect of progressive and perifocal glasses on refraction, accommodation and muscular balance in children with myopia.

Keywords: accommodation response, myopia, perifocal glasses, phoria, progressive glasses