

CONTACT LENSES

*Bennett E. S., Quinn T. G.***Building a practice with multifocal lenses**

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It is widely recognized that the greatest potential in contact lenses today lies with caring for presbyopes. In particular, as will be emphasized in this article, the most successful option for this population is the ever-evolving multifocal contact lens. You can build your practice by prescribing multifocal contact lenses to more of your presbyopes. Here's how.

Keywords: multifocal contact lenses, presbyopia, vision acuity

*Edwards R.***The role of the practitioner in driving contact lens compliance**

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This CET article explores the evidence in relation to the attitudes of patients and contact lens compliance, and the steps practitioners can take to emphasise good lens care to wearers.

Keywords: compliance, complications, contact lenses, contact lens case, lens care solution, survey

SPECTACLES AND OPHTHALMIC LENSES

*Shcherbakova O. A.***Ophthalmic lenses for high degree hypermetropia correction**

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In this article we will discuss the lenses for high degree hypermetropia correction and tell you about the manufacturing of the unique lens with optical power +70.00 D by Special Lenses Laboratory (SL Lab) – a division of Essilor Group.

Keywords: glasses, hypermetropia, vision correction

DIAGNOSTICS, TREATMENT, PHARMACOLOGY, PHARMACY

*Novikov S. A., Danilov P. A., Frolov O. A.***New possibilities of corneal collagen crosslinking in the treatment of corneal pathology**

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The article presents a brief historical overview of the formation of corneal collagen cross-linking (CXL) as a particular example of photodynamic therapy. The mechanism of action of the CXL is analyzed in detail. Given the variations in the protocols and modification of CXL, as well as the results of our own experience in the application of CXL in corneal pathology with 2012, in terms of SPbGPU "City eye diagnostic center No. 7". CXL is a simple effective method of treatment of many pathological conditions of the cornea, and in combination with other methods of treatment can achieve significant improvement as biomechanical criteria for the state of the cornea, and functional rehabilitation of patients, and their return to an active full life.

Keywords: collagen cross-linking, modifications, photodynamic therapy, riboflavin, ultraviolet radiation

RESEARCH

*Schulze M.***Blink animation software to improve blinking and dry eye symptoms**

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The article presents a brief overview of a small study in which special software was studied to increase the blink rate and reduce the severity of dry eyes among PC users.

Keywords: blink rate, dry eye, software

NEW O. D.

*Patel J.***Keeping an eye out for the signs and symptoms of brain tumours**

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Optometrists are regularly the first point of call for patients experiencing symptoms due to a brain tumour. This article highlights the signs and symptoms that might present during an eye examination

Keywords: brain tumor, signs, symptoms, vision

POINT OF VIEW

*Shah N., Dakin S., Anderson R.***Visual acuity – more than meets the eye?**

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This article considers the limitations of the commonly used methods for measuring visual acuity, and explores the developments in the field to address these issues.

Keywords: detection threshold, letter, measurement, optotype, recognition threshold, vision acuity