

CONTENTS

Barbora Langová, Petr Veselý , Masaryk University, Brno	
Differences in imaging of the spherical versus aspherical design of the spectacle lenses	11
Peter Essig, František Pluháček, Klára Marešová , Palacky University Olomouc	
Implantation of multifocal intraocular lenses in cluster of patients with hyperopia, presbyopia and cataracts	13
Tereza Höferová , CTU in Prague	
Prescribing addition, relation to the age of a client	15
Annika Netzel, Lisa Meredig , Beuth University of Applied Sciences, Berlin	
The correlation between the axial length of the eye and the retinal thickness in the area of the fovea	17
Nicol Dostálová, Petr Veselý , Masaryk University, Brno	
Influence of heterophoria on computer work	19
Iva Klimešová , Palacky University Olomouc	
Rigid gas permeable contact lenses for common corneas	21
Ondřej Polícar , CTU in Prague	
Methods of heterophoria examination and their comparison	23
Markéta Žáková , CTU in Prague	
Focused on pupillometry	27
Eliška Palkovičová , CTU in Prague	
Use of the Purkinje images in clinical practice - focused on IOL position	29
Patricia Berglová , CTU in Prague	
The effect of CXL on astigmatism of the corneal back surface in patients with keratoconus	31
Veronika Blažková , CTU in Prague	
Comparison of different methods of IOL power calculation in cataract surgery	33
Tereza Drachovská , CTU in Prague	
Relationship between refractive error and visual acuity of patient	35
Denisa Heřmanová , CTU in Prague	
Comparison of different methods of toric intraocular lens power calculation and assessment of lens stability after the surgery	37
Barbora Holubcová , CTU in Prague	
Objective and subjective evaluation of tear film in the 15-25 age group	41
Kateřina Knejpová , CTU in Prague	
Establishment of an optical shop in the Czech Republic	43
Kamila Korimová , CTU in Prague	
RGP contact lenses	45

Anna Kottová, CTU in Prague Refractive stabilization after senile cataract surgery	47
Lucie Lorencová, CTU in Prague Changes of contact lens parameters in relation to wearing time	49
Eliška Matějková, CTU in Prague The formation of ocular dominance	51
Sandra Nováková, CTU in Prague Changes of tear film and ocular surface in diabetes mellitus	53
Jana Petrová, CTU in Prague Examination of refraction of patients with nystagmus	55
Lucie Portová, CTU in Prague Surface treatment of spectacle lenses	57
Lenka Řezníková, Ján Lešták, CTU in Prague, Eye Clinic JL The uncorrected near visual acuity after monofocal intraocular lens implantation	59
Dominika Schováňková, CTU in Prague Wettability of contact lenses	61
Tereza Staňková, CTU in Prague The effect of previous cataract surgery on corneal endothelial cell density in donor corneas	63
Alice Staveníková, CTU in Prague Influence of calculation of toric intraocular lenses on postoperative results	65
Nikola Steinbrecherová, CTU in Prague Comparison of contact lens multipurpose solutions within the Czech market from the viewpoint of their composition and properties	67
Tereza Strelingerová, CTU in Prague Comparison of subjective refraction using phoropter and trial frame	71
Simona Stuchlíková, CTU in Prague Estimation of non-cooperating client lens centering data according to anatomical face details	73
Lucie Suchomelová, CTU in Prague Comparison of structural and functional changes caused by glaucoma	75
Jan Šimůnek, CTU in Prague Methods of vision examination of drivers and their comparison	77
Alena Škubníková, CTU in Prague The curvature of the back surface of the cornea in patients after the posterior lamellar keratoplasty	79

Petra Švejdová , CTU in Prague Visual training	81
Tereza Tesařová , CTU in Prague Epidemiology of vergence disorders	83
Dana Trávníková, Pavel Beneš , Masaryk University, Brno Corneal anterior surface daytime changes	85
Jana Valtrová , CTU in Prague Damage and durability of protective layers of spectacle lenses	89
Eliška Vavřinová , CTU in Prague Intraocular lens power calculation after previous corneal refractive surgery	91
Lucie Patočková, Petr Veselý , Masaryk University, Brno The perception of color testing in early detection of the macular diseases	93
Elisabeth Jesse, Claudia Stäbert , Beuth University of Applied Sciences, Berlin The influence of cryo protectors on the corneal endothelium	96