

Contents

1	Prevalence of Retinal Microangiopathic Abnormalities and Optic Nerve Atrophy in Normotensive, Nondiabetic, “Healthy” Subjects Gained by a Retina Check of the Tele-ophthalmic Consultation Service Talkingeyes®	1
	Georg Michelson and Johannes Wolz	
2	Screening of the Retina in Diabetes Patients by Morphological Means	15
	Di Xiao and Yogesan Kanagasingam	
3	Multimodal Screening of Glaucoma Improves Sensitivity and Specificity	27
	Folkert K. Horn and Werner Adler	
4	Mass Screening of Diabetic Retinopathy Using Automated Methods	41
	Michael David Abràmoff and Meindert Niemeijer	
5	Low-Cost Non-mydratic Color Video Imaging of the Retina for Nonindustrialized Countries	51
	Bernhard Höher, Georg Michelson, Peter Voigtmann and Bernhard Schmauss	
6	Noninvasive Ocular Angiography by Optical Coherence Tomography	63
	Yali Jia and David Huang	
7	Adaptive Optics Imaging of the Retina and Vessels	73
	Michel Paques	
8	e-Learning by the Open-Access Journal <i>Atlas of Ophthalmology</i>	81
	Georg Michelson and Moritz Michelson	

9	Computer-Aided Diagnostics and Pattern Recognition: Automated Glaucoma Detection	93
	Thomas Kohler, Rüdiger Bock, Joachim Hornegger and Georg Michelson	
10	Mobile Technology in Tele-education	105
	Yuliya Naumchuk, Vinay A. Shah and Simon Kaja	