

Risk Models and Glaucoma Progression

J. Brandt

Department of Ophthalmology & Vision Science, University of California, Davis, USA

Ophthalmology until recently lagged behind other medical specialties in the development of risk models to guide patient and physician behavior. This changed with the publication of the risk analyses of the Ocular Hypertension Treatment Study (OHTS) and the subsequent validation by the European Glaucoma Prevention Study (EGPS). The merged OHTS-EGPS risk model now provides clinicians and patients with statistically robust measures of comparative risk for patients with ocular hypertension. This lecture will review how the risk models were derived and provide guidance in how the components of the model (in particular central corneal thickness) should be used by patients and clinicians.