

Legacy Research Institute

Devers Scientist Publications 2006

Quinn LM, **Gardiner SK**, Wheeler DT, Newkirk M, Johnson CA.
Frequency doubling technology perimetry in normal children.
Am J Ophthalmol. 2006 Dec;142(6):983-9. Epub 2006 Aug 4.

Strouthidis NG, Vinciotti V, Tucker AJ, **Gardiner SK**, Crabb DP, Garway-Heath DF.
Structure and function in glaucoma: The relationship between a functional visual field map and an anatomic retinal map.
Invest Ophthalmol Vis Sci. 2006 Dec;47(12):5356-62.

Sander EA, **Downs JC**, Hart RT, **Burgoyne CF**, Nauman EA.
A cellular solid model of the lamina cribrosa: mechanical dependence on morphology.
J Biomech Eng. 2006 Dec;128(6):879-89.

Schiefer U, Nowomiejska K, Krapp E, Pätzold J, **Johnson CA**.
K-Train--a computer-based, interactive training program with an incorporated certification system for practicing kinetic perimetry: evaluation of acceptance and success rate.
Graefes Arch Clin Exp Ophthalmol. 2006 Oct;244(10):1300-9. Epub 2006 Mar 21.

Newkirk MR, **Gardiner SK**, Demirel S, **Johnson CA**.
Assessment of false positives with the Humphrey Field Analyzer II perimeter with the SITA Algorithm.
Invest Ophthalmol Vis Sci. 2006 Oct;47(10):4632-7.

Mansberger SL, Cioffi GA.
The probability of glaucoma from ocular hypertension determined by ophthalmologists in comparison to a risk calculator.
J Glaucoma. 2006 Oct;15(5):426-31.

Terry MA, Hoar KL, Wall J, Ousley P.
Histology of dislocations in endothelial keratoplasty (DSEK and DLEK): a laboratory-based, surgical solution to dislocation in 100 consecutive DSEK cases.
Cornea. 2006 Sep;25(8):926-32.

Terry MA.
Endothelial keratoplasty: history, current state, and future directions.
Cornea. 2006 Sep;25(8):873-8. No abstract available.

Levine RA, **Demirel S**, Fan J, Keltner JL, **Johnson CA**, Kass MA; Ocular Hypertension Treatment Study Group.
Asymmetries and visual field summaries as predictors of glaucoma in the ocular hypertension treatment study.
Invest Ophthalmol Vis Sci. 2006 Sep;47(9):3896-903.

Keltner JL, **Johnson CA**, Anderson DR, Levine RA, Fan J, Cello KE, Quigley HA, Budenz DL, Parrish RK, Kass MA, Gordon MO; Ocular Hypertension Treatment Study Group.
The association between glaucomatous visual fields and optic nerve head features in the Ocular Hypertension Treatment Study.
Ophthalmology. 2006 Sep;113(9):1603-12.



Gardiner SK, Johnson CA, Spry PG.

Normal age-related sensitivity loss for a variety of visual functions throughout the visual field.

Optom Vis Sci. 2006 Jul;83(7):438-43.

Gardiner SK, Anderson DR, Fingeret M, McSoley JJ, Johnson CA.

Evaluation of decision rules for frequency-doubling technology screening tests.

Optom Vis Sci. 2006 Jul;83(7):432-7.

Anderson AJ, Johnson CA.

Comparison of the ASA, MOBS, and ZEST threshold methods.

Vision Res. 2006 Jul;46(15):2403-11. Epub 2006 Mar 3.

Dolderer J, Vonthein R, **Johnson CA**, Schiefer U, Hart W.

Scotoma mapping by semi-automated kinetic perimetry: the effects of stimulus properties and the speed of subjects' responses.

Acta Ophthalmol Scand. 2006 Jun;84(3):338-44.

Wang L, Fortune B, Cull G, Dong J, Cioffi GA.

Endothelin B receptor in human glaucoma and experimentally induced optic nerve damage.

Arch Ophthalmol. 2006 May;124(5):717-24.

Gardiner SK, Demirel S, Johnson CA.

Modeling the sensitivity to variability relationship in perimetry.

Vision Res. 2006 May;46(11):1732-45. Epub 2006 Jan 10.

Fortune B, Demirel S, Zhang X, Hood DC, Johnson CA.

Repeatability of normal multifocal VEP: implications for detecting progression.

J Glaucoma. 2006 Apr;15(2):131-41.

Grau V, Downs JC, Burgoyne CF.

Segmentation of trabeculated structures using an anisotropic Markov random field: application to the study of the optic nerve head in glaucoma.

IEEE Trans Med Imaging. 2006 Mar;25(3):245-55.

Bui BV, Fortune B.

Origin of electroretinogram amplitude growth during light adaptation in pigmented rats.

Vis Neurosci. 2006 Mar-Apr;23(2):155-67.

Hick S, Laliberté JF, Meunier J, Ousley PJ, **Terry MA**, Brunette I.

Topographic screening of donor eyes for previous refractive surgery.

J Cataract Refract Surg. 2006 Feb;32(2):309-17.

Terry MA, Ousley PJ.

Deep lamellar endothelial keratoplasty: early complications and their management.

Cornea. 2006 Jan;25(1):37-43.