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Descrizione fisica	1 online resource (ix, 403 pages) : illustrations
Altri autori (Persone)	HensonDavid B WallMichael <1950->
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; Analysis of field data; Cumulative defect (Bebie) curves for frequency-doubling technology perimetry; Interpolation of perimetric test grids using artificial neural networks; A new scoring program for quantification of the binocular visual field; A variance-equalizing transformation for the analysis of visual fields; A new spatial filter for visual field data. Testing and evaluation; A new spatial filter for visual field data. Derivation and reducing noise; Mixture of factor analysis of standard visual fields; Variability components of standard perimetry Comparison of different methods for detecting glaucomatous visual field progression; Comparison of Caprioli's decibel criteria and Anderson's probability criteria for the detection of glaucomatous defects with SITA; Clinical perimetry; Does patient education result in more reliable initial visual fields?; Tendency oriented perimetry in children with ocular abnormalities; A computer application for training kinetic perimetry; Evaluation of stato-kinetic dissociation using

examiner-independent automated perimetric techniques

Prevalence and characteristics of central binocular visual field defects in patients attending a glaucoma perimetry service; Automated static perimetry in the young pediatric group. Lessons from the Nintendo generation; Comparison of tests; Detection of M-cell dysfunction in ocular hypertension and glaucoma. Comparison of two tests; Comparison of conventional automated perimetry, short-wavelength automated perimetry and frequency-doubling technology in the assessment of patients with multiple sclerosis; Fast 'TOP' and normal bracketing strategy in glaucoma

Conventional perimetry and frequency-doubling technique; Tendency oriented perimetry versus Fastpac in patients with neuro-ophthalmological defects; Comparison of selected parameters of SITA Fast and Full Threshold strategies in evaluation of glaucoma suspects; Continuous light increment perimetry (CLIP) strategy compared to full threshold strategy in glaucoma patients; Frequency-doubling technology and high-pass resolution perimetry in glaucoma and ocular hypertension; Standard automated perimetry SITA and full-threshold strategies compared to SWAP and FDT in glaucoma

Screening versus threshold frequency-doubling technology in early glaucomatous damage detection; Glaucoma diagnosis using tendency oriented perimetry; Influence of optic disc appearance and diurnal variation of intraocular pressure on visual field defect in normal tension glaucoma; Aging and variability in normal and glaucomatous visual fields; The relationship between perimetric and metabolic defects caused by experimental glaucoma; Combining structural and functional assessment to detect glaucoma; New perimetric techniques; Utility of a dynamic termination criterion in bayesian adaptive threshold procedures

Sommario/riassunto

Perimetry Update 2002/03 contains a selection of paper presented at the 15th Visual Field Symposium of the International Perimetric Society (IPS) meeting held in Stratford upon Avon, England, from 26-30th June 2002. The meeting, titled 'Perimetry and Imaging in Shakespeare's Country', was hosted by Professor John Wild of Cardiff University.
