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Altri autori (Persone)	WallMichael <1950-> WildJohn M
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; New perimetry algorithms; Sensitivity to glaucomatous visual field loss in full threshold, SITA Standard, and SITA Fast tests; Characteristics of the SITA program on the Humphrey Visual Field Analyzer; Comparing SITA and full threshold strategies; Comparison of SITA and dynamic strategies with the same examination grid; A comparison of light detection thresholds in glaucomatous visual fields in SITA-S and Fastpac; Comparative evaluation of four strategies (standard, dynamic, TOP, 2-level) using the automated perimeter Octopus 1-2-3 G1-tendency-oriented perimetry: introduction and comparison with G1-Standard Bracketing; Reproducibility of top algorithm results versus those obtained with the bracketing procedure; Flicker-top perimetry in normals and patients with ocular hypertension and early glaucoma; New methods - screening; Efficacy of screening modes of FDT and Dicon perimeters; Frequency doubling perimetry as a glaucoma screener; A comparison of the effects of neutral density filters and diffusing filters on motion detection perimetry, white-on-white perimetry and frequency doubling perimetry Automated flicker perimetry in glaucoma and retinal detachment patients; Variability; The relationship between sensitivity and variability

in normal and glaucomatous visual fields; Evaluation of two screening tests for frequency doubling technology perimetry; A method for sampling discrete ganglion cell mosaics that decreases threshold variability; Quantification of glaucomatous threshold visual field loss based on neuromorphometric correlates; Linear regression analysis in glaucoma visual field follow-up; Detecting gradual and sudden sensitivity loss in series of visual fields
Pointwise linear regression of glaucomatous visual fields: a new approach; The rate of visual field progression during long-term follow-up of normal-tension glaucoma patients; Evaluation of fixation during perimetry using a new fundus perimeter; The effect of a 'social' dose of alcohol on the central retinal sensitivity and fixation stability - measured with the scanning laser ophthalmoscope; Psychophysics; The independence of perimetry thresholds; Detection and resolution thresholds in the fovea and periphery for high-pass tumbling E's; Tumbling E resolution perimetry in glaucoma
Comparison between threshold pupil perimetry and suprathreshold pupil perimetry; Binocular summation within the binocular visual field; Abnormal maximum line displacement sensitivity and frequency-of-seeing curves for a motion stimulus in glaucoma; Intensity distribution beneath an artificial vessel: implications for angioscotomata; Fundamentals of perimetry; Age influences asymmetry in differential luminance sensitivity; Age and eccentricity effects on grating detection and grating resolution automated perimetry; Effect of localized refractive error on perimetric thresholds for different sized targets in foveal and peripheral vision

Sommario/riassunto

The topics presented at the XIIIth Symposium embraced all aspects of perimetric science. A total of ten sessions were held and covered: fundamentals of perimetry, visual psychophysics, new perimetric techniques, new algorithms for estimating threshold, perimetric variability, color perimetry, optic nerve head imaging, and visual field investigation in glaucoma and in retinal and neurological disorders. The new perimetric techniques included frequency doubling technology, flicker perimetry and pupil perimetry.