

# RAPID QUANTIFICATION OF THE BINOCULAR VISUAL FIELD FOR CLINICAL TRIALS: PERFORMANCE OF A MODIFIED ESTERMAN SUPRA-THRESHOLD TEST IMPLEMENTED WITH THE OPEN PERIMETRY INTERFACE

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This paper was aimed to assess the performance of the modified-Esternan test (mET) as a rapid suprathreshold binocular quantification tool for the assessment of peripheral visual fields.

Sample contained choroideremia patients and Stargardt disease patients.

Conclusions: The mET provides a speedy quantitative measure of the peripheral visual field loss, which can be used in clinical trials to monitor longitudinal assessment of peripheral visual function. The mET provides a more even coverage across the visual field compared to the Esternan test points, making it more suitable for this purpose. This is a key part of safety monitoring in retinal clinical trials. The mET can easily be implemented on commercially available perimeters that allow Open Perimetry.

**LINK TO FULL PAPER:**

<https://www.tandfonline.com/doi/full/10.2147/OPHT.S352004>