

Visual impairment and vision-related quality of life in the Early Manifest Glaucoma Trial after 20 years of follow-up

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PURPOSE: To determine the association between vision-related quality of life (VRQOL) and levels of visual function loss in the Early Manifest Glaucoma Trial (EMGT) .

METHODS: Two hundred and fifty-five patients were included in the EMGT between 1993 and 1997 and followed regularly by ophthalmic examinations. A Swedish translation of the National Eye Institute Visual Function Questionnaire 25 (NEI VFQ-25) was self-administered at several follow-up visits until 2014. We analysed the association between Rasch-calibrated NEI VFQ-25 scores and visual function in the best eye at the final follow-up visit.

RESULTS: Ninety-one per cent (233/255) of all participants completed the NEI VFQ-25 at least once. In univariate logistic regression analysis, NEI VFQ-25 scores were modestly associated with visual acuity (VA) ($r^2 = 0.330$, p **CONCLUSIONS:** Our results support the widespread, albeit arbitrary, use of a better-eye visual field of <http://www.ncbi.nlm.nih.gov/pubmed/26382936>