

ASSESSMENT OF QUALITY OF LIFE IN GLAUCOMA PATIENTS USING UTILITY ANALYSIS AND MODIFIED NEI VFQ 25.

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Synopsis

As the life expectancy of the people's increases and other preventable cause of blindness such as cataract and refractive error decline, glaucoma will play a significant role as a cause of permanent visual loss. Glaucoma has a major impact on the quality of life of the sufferer, not only just in term of socioeconomic impact but also emotional, physical and spiritual. Our aim in this study is to determine the quality of life among glaucoma patients using utility analysis and modified NEI VFQ 25 questionnaire. We also hope to be able to correlate the utility value score and NEI VFQ 25 score with visual field impairment.

A cross sectional study involving patients diagnosed with POAG, NTG, PXG and CACG patients will be conducted. The study will be divided into 2 phases. Phase 1 involve validating and piloting the Bahasa Malaysia version of both NEI VFQ 25 and utility analysis. Second phase will involve patients' recruitment and one to one interview. Visual field assessment will be performed using Humphrey automated perimetry and the scoring will be based on Estermann binocular program.