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Quality of life in Saudi glaucoma patients

Leyla Ali Aljasim
King Khaled Eye Hospital, Saudi Arabia

Purpose: To study the status of vision related and health related quality of life of adult glaucoma patients with over 5 years duration of glaucoma.

Methods: In this historical cohort study, we interviewed patients with glaucoma using modified pre-tested Arabic version of vision related quality of life (VQL) and WHO recommended health-related quality of life (HQL) questionnaires. A 5-point Likert scale was used to grade responses. A review of health records was used to collect data on patient demographics, visual acuity, visual fields and optic nerve head status of the good eye at the last follow visit. VQL & HQL were associated to demography and clinical parameters of glaucoma.

Results: Fifty-nine glaucoma patients (mean age 56.6 ± 18.4 years; 34 males) were interviewed. The mean VQL difficulty score was 73.2 ± 9.0 . VQL was graded as poor (<75% of total difficulty score) in 31 (52.5% (95% CI 39.8-65.3) patients. The mean HQL score was 39.0 ± 10.6 . The association of VQL with gender ($P=0.03$), and history of glaucoma surgery ($P=0.06$) were statistically significant. There was no statistically significant association between VQL and: visual disability ($P=0.8$); age ($P=0.9$); duration of glaucoma ($P=0.8$) and severity of visual field defect ($P=0.6$). The HQL score was not associated with any of the demographic or glaucoma related variables.

Conclusion: Patients perceived VQL and HQL are negatively affected among patients with glaucoma for more than 5-years duration. Gender and previous surgery for glaucoma were associated to the VQL.

Biography

Leyla Abdul Sattar Ali Aljasim received his medical degree from Baghdad University, Baghdad, Iraq in 1990. She completed his Ophthalmology education from Jordanian Medical Board of Ophthalmology in 2007 after that in 2008 she done his fellowship from Royal College of Surgeon (Glasgow). She obtained his Ophthalmology training from AlYarmouk teaching hospital – Iraq; from Sep 1990 till Sep 1992 and from Dec 1993 till Dec 1995; recognized teaching program for Iraqi board for medical specializations and The Arab Board of Health Specializations. From January 2008 till July 2010 in Salmaniya medical center- Ministry of Health, Bahrain she had Glaucoma training. She is having work experience as Ophthalmic consultant in King Khalid general hospital in Majma'a, KSA from October 2010- May 2011. At present she is Consultant in Glaucoma department, King Khaled eye specialist hospital from August 2011.

ldjasim@kkesh.med.sa

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