

APPENDIX

Screening tools that may be used in a clinical setting to evaluate vision impairment, depression and glaucoma quality of life when barriers to patient self-management are encountered.

1. Vision impairment:
 - a. Vision Function Questionnaire (VFQ25)^{A1-A3}
2. Depression:
 - a. Patient Health Questionnaire-9 (PHQ9)^{A1,A4}
 - b. Beck Depression Inventory (BDI)^{A5,A6}
 - c. Centers for Epidemiologic Studies Depression (CES-D)^{A6-A8}
 - d. General Health Questionnaire (GHQ-28)^{A7}
 - e. Defense Style Questionnaire (DSQ)^{A7}
3. Glaucoma and psychosocial function:
 - a. Glaucoma Quality of Life-36 (Glau-QoL-36)^{A9}

APPENDIX REFERENCES

- A1. Wang SY, Singh K, Lin SC. Prevalence and Predictors of Depression among Participants with Glaucoma in a Nationally Representative Population Sample. *Am J Ophthalmol* 2012;154:436-44.
- A2. Owsley C, McGwin G, Jr. Depression and the 25-item National Eye Institute Visual Function Questionnaire in Older Adults. *Ophthalmology* 2004;111:2259-64.

- A3. Waisbourd M, Parker S, Ekici F, et al. A Prospective, Longitudinal, Observational Cohort Study Examining how Glaucoma Affects Quality of Life and Visually-related Function over 4 Years: Design and methodology. *BMC Ophthalmol* 2015;15:91.
- A4. Sleath BL, Blalock SJ, Muir KW, et al. Determinants of Self-reported Barriers to Glaucoma Medicine Administration and Adherence: A Multisite Study. *Ann Pharmacother* 2014;48:856-62.
- A5. Anderson RJ, Freedland KE, Clouse RE, et al. The Prevalence of Comorbid Depression in Adults with Diabetes - A Meta-Analysis. *Diabetes Care* 2001;24:1069-78.
- A6. Lloyd CE, Pambianco G, Orchard TJ. Does Diabetes-related Distress Explain the Presence of Depressive Symptoms and/or Poor Self-care in Individuals with Type 1 Diabetes? *Diabet Med* 2010;27:234-7.
- A7. Pappa C, Hyphantis T, Pappa S, et al. Psychiatric Manifestations and Personality Traits Associated with Compliance with Glaucoma Treatment. *J Psychosom Res* 2006;61:609-17.
- A8. Friedman DS, Okeke CO, Jampel HD, et al. Risk Factors for Poor Adherence to Eyedrops in Electronically Monitored Patients with Glaucoma. *Ophthalmology* 2009;116:1097-105.
- A9. Chan E, Chiang P, Liao J, et al. Glaucoma and Associated Visual Acuity and Field Loss Significantly Affect Glaucoma-specific Psychosocial Functioning. *Ophthalmology* 2015;122:494-501.