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Isa, R.M.^a, Saidi, S.^a, Salam, A.^b, Nurumal, M.S.^a, Jamaludin, T.S.S.^a

A cross-sectional study on factors influencing attendance to eye screening
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^a Kulliyah of Nursing, International Islamic University Malaysia, Kuantan, Pahang, Malaysia

^b Kulliyah of Medicine, International Islamic University Malaysia, Kuantan, Pahang, Malaysia

Abstract

This study aimed to survey the factors influencing attendance to eye screening among Diabetes mellitus (DM) patients. This cross-sectional survey was carried out among 170 DM patients using self-administered questionnaires. Majority of participants, 45.9% (n = 78) highlighted that lack of information regarding diabetes and not understanding the significance of eye screening are the barriers to eye screening. Whereas, 10.6% (n = 18) reported lack of access to healthcare facilities, 6.5% (n = 11) experienced time limitation and 2.9% (n = 5) suffered financial issues. However, more than half of the participants (58.2%) have good knowledge related to diabetic eye complications. There was a significant difference between educational level with patients' attendance in yearly eye screening. Lack of information received by the patients on the importance of eye screening and communication issues seems to be prominent and becomes the reason for patients not attending eye screening. © 2020 Elsevier España, S.L.U.

Author Keywords

Diabetes Mellitus; Diabetic complication; Eye screening; Knowledge

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References

- Goh, P.P., Hussein, E., Ismail, M.
(2008) *The first annual report of the National Eye Database*, National Eye Database Kuala Lumpur [cited]. Available from:
- Feisul, M., Azmi, S.
(2013) *National diabetes registry report volume 1 2009–2012*, Kuala Lumpur: Ministry of Health Malaysia
- Bamashmus, M.A., Gunaid, A.A., Khandekar, R.B.
Diabetic retinopathy, visual impairment and ocular status among patients with diabetes mellitus in Yemen: a hospital-based study
(2009) *Indian J Ophthalmol*, 57, pp. 293-298.
- Nsiah-Kumi, P., Ortmeier, S.R., Brown, A.E.
Disparities in diabetic retinopathy screening and disease for racial and ethnic minority populations—a literature review
(2009) *J Natl Med Assoc*, 101, pp. 430-438.
- Tajunisah, I., Wong, P.S., Tan, L.T., Rokiah, P., Reddy, S.C.
Awareness of eye complications and prevalence of retinopathy in the first visit to eye clinic among type 2 diabetic patients
(2011) *Int J Ophthalmol*, 4, pp. 519-524.
- Ministry of Health Malaysia
Clinical practice guidelines: screening of diabetic retinopathy [Internet]
(2011),

CPG Secretariat Health Technology Assessment Section, Medical Development Division, Ministry of Health Malaysia Putrajaya (Malaysia) [cited]. Available from:

- Khandekar, R., Al-Harby, S., Al-Harthy, H., Al-Lawarati, J.
Knowledge, attitude and practice regarding eye complication and care among Omani persons with diabetes - a cross sectional study
(2010) *Oman J Ophthalmol*, 3, pp. 60-65.
- Taylor-Phillips, S., Mistry, H., Leslie, R., Todkill, D., Tsertsvadze, A., Connock, M.
Extending the diabetic retinopathy screening interval beyond 1 year: systematic review
(2016) *Br J Ophthalmol*, 100, pp. 105-114.
- Ali, S.M., Jusoff, K.
Barriers to optimal control of type 2 diabetes in Malaysian Malay patients
(2009) *Global J Health Sci*, 1, pp. 106-118.
- Letchuman, G.R., Wan Nazaimoon, W.M., Wan Mohamad, W.B., Chandran, L.R., Tee, G.H., Jamaiyah, H.
Prevalence of diabetes in the Malaysian national health morbidity survey III 2006
(2010) *Med J Malaysia*, 65, pp. 180-186.
- Addoor, K.R., Bhandary, S.V., Khanna, R., Rao, L.G., Lingam, K.D., Binu, V.S.
Assessment of awareness of diabetic retinopathy among the diabetics attending the peripheral diabetic clinics in Melaka, Malaysia
(2011) *Med J Malaysia*, 66, pp. 48-52.
- Byun, S.H., Ma, S.H., Jun, J.K., Jung, K.W., Park, B.
Screening for diabetic retinopathy and nephropathy in patients with diabetes: a nationwide survey in Korea
(2013) *PLOS ONE*, 8, p. e62991.
- Raman, R., Gella, L., Srinivasan, S., Sharma, T.
Diabetic retinopathy: an epidemic at home and around the world
(2016) *Indian J Ophthalmol*, 64, pp. 69-75.

Correspondence Address

Jamaludin T.S.S.; Kulliyah of Nursing, Malaysia; email: sumaiyah@iium.edu.my

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