

ASSESSING RISK FOR DIABETIC RETINOPATHY AMONG DIABETICS IN THE KALMUNAI REGION

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Diabetic Retinopathy and diabetics are highly associated two severe diseases in human. This study assesses the risk of getting Diabetic Retinopathy among the Diabetic patients in the Kalmunai region. For this a hospital based cross sectional study was carried out. All the diabetic patients who were attending to the diabetic clinic of the Ashraff memorial hospital during the month of May and June 2014 were screened for Diabetic Retinopathy and their demographic details were recorded. The risk for Diabetic Retinopathy among the diabetic patient was estimated as 13.16 %. No difference in risk of getting Diabetic Retinopathy was observed among different age group, educated level and gender patients. Risk of getting Diabetic Retinopathy was increasing with the duration of suffering from diabetic. The relative risk of getting Diabetic Retinopathy for > 12 years of diabetic patient is 3.55 times greater compare to the other age groups.

Keywords: Clinically Significant Macular Oedema, Diabetes Mellitus, Diabetic Retinopathy, Relative Risk