



Prevalence of Neovascular Glaucoma in Srinagarind Hospital

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Objective: To review prevalence and causes of neovascular glaucoma in the past five years at Srinagarind Hospital.

Design : Retrospective descriptive analysis.

Materials and Methods: Medical records were reviewed between January 1, 2008 - December 31, 2012 in Srinagarind hospital, Khon Kaen University. The diagnosis of glaucoma was based on the presence of NVG of any causes.

Results : A total of 91eyes from74patients were studied (57% male, 43% female). The mean patient age

was 61.1 years and the The overall prevalence of neovascular glaucoma was 0.012 % The most common etiology was proliferative diabetic retinopathy (60.4 %) followed by central retinal vein occlusion (35.1 %), branch retinal vein occlusion (4.3%), retinal vasculitis (3.3%), ocular ischemic syndrome (2.2%) and carotis cavernous fistular (2.2%).

Conclusions: The prevalence of neovascular glaucoma at Srinagarind hospital was 0.012 %. Proliferative diabetic retinopathy was the most common cause.

