Amendment Letter

It is mentioned here that the authors' detail of poster presentation titled:

"HUMPHREY'S VISUAL PERIMETRY IN DIABETIC PATIENTS"

be read as

Nga ADC, MBBS, Liau KL, MBBS, Choo MM, FRCS(Edin.), Anusiah S, M.Ophth(UKM).

in place of Angeline Nga only.

Professor Muhammad Tayyib
DOFRCs, FRCOphth,
Chairman Scientific Committee.
APAO 2007.
A COMPARATIVE STUDY OF TEAR FUNCTION TEST IN EYES WITH UNILATERAL PTERYGIUM

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AIM OF THE STUDY

- To determine tear function test (Schirmer's test I, tear film breakup time) values in the eyes with pterygium compared to the fellow eyes without pterygium

INTRODUCTION

Pterygium is a triangular, fibrovascular connective tissue overgrowth of bulbar conjunctiva into the cornea. They are horizontally located in the interpalpebral fissure on either the nasal or the temporal side of the cornea. It has been hypothesized that, in susceptible individuals, ocular damage causes an alteration in the cornea, the damage tissue is then recognized as foreign and hypersensitivity reactions are mounted resulting in chronic inflammation. At the beginning a focal conjunctival develops at the corneoscleral junction (limbus) which later progresses into pterygium.

INTRODUCTION

Macroscopically, pterygium can be divided into three parts: body, apex and cap. Tan et al suggested a simple clinical grading system of pterygium morphology based on a discrete scale of relative transluency of pterygium tissue. They are classified into 3 grades: Grade I (atrophic), Grade III (intermediate) and Grade III (fleshy).

METHODODOLOGY

- This is a hospital-based cross-sectional "soft-controlled" study, i.e. the test subjects fellow eye (without pterygium) were used as the control designed to determine tear function test values in patients with unilateral pterygium. Patients were recruited from Jan-Oct 05.
- Recruited patients underwent slit-lamp examinations to classify them in the 3 Grades aforementioned (Tan et al).
- They were subjected to the Schirmer's test I & Tear Breakup time. Each eye was subjected to each test thrice and the mean result was noted.