Ophthalmic Images

Epithelial ingrowth following LASIK managed with Nd:YAG laser

A 34-year old presented with a history of foreign body sensation and reduced vision (from irregular astigmatism) after eye rubbing in his left eye following myopic LASIK 10 years ago. Fig. 1a and b shows active epithelial ingrowth at the flap margin. [1-4] Fig. 1c and d demonstrates ideal appearance of the epithelial ingrowth following Nd:YAG laser (1 MJ) aimed at creating a discontinuity between the flap edge ingrowth and the inner island to prevent progression. After 3 months, the ingrowth disappeared and patient was emmetropic with no irregular astigmatism. These images can be used as a guide when performing YAG lasers in such cases.

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published

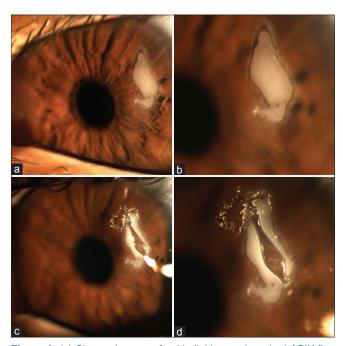


Figure 1: (a) Size and extent of epithelial ingrowth at the LASIK flap margin. (b) The magnified view of the epithelial ingrowth and the LASIK flap margin. (c) Epithelial ingrowth following Nd:YAG laser application to create a discontinuity between the LASIK flap edge epithelial ingrowth and the inner island to prevent progression. (d) The magnified view of the Nd:YAG laser-induced discontinuity

and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

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Conflicts of interest

There are no conflicts of interest.

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