

Case Report

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Endophthalmitis after Lower Lid Blepharoplasty; A Rare Complication



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Case Presentation

A 22-year-old man referred to the emergency ward because of vision loss in his right eye five days after bilateral lower lid blepharoplasty, his right eye showed ciliary injection, cornea showed mild edema and anterior chamber showed 4+ cells and faint hypopyon in slit lamp examination, There was severe chemosis, without any site of laceration. However, fundus examination showed severe fibrinous reaction and vitritis. (Figures 1-5 are related to the post-operative status.)



Figure 1



Figure 2

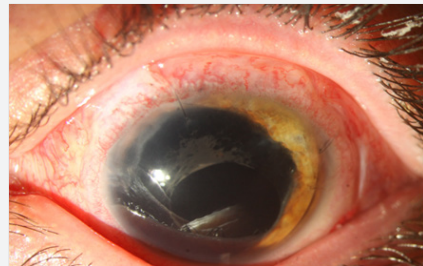


Figure 3

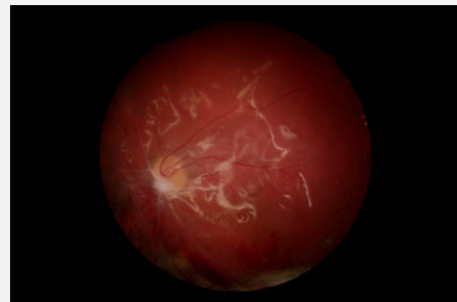


Figure 4

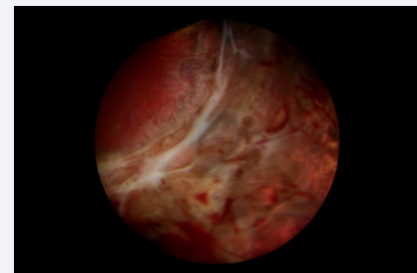


Figure 5

Discussion

Based on the diagnosis of undetermined uveitis the patient underwent diagnostic vitrectomy, interestingly there was a site of laceration in the posterior fundus, leading to peritomy and its repair associated with severe vitreous inflammation and retinal necrosis and vasculitis. The patient underwent pars plana vitrectomy associated with intra vitreal antibiotic injection and silicone oil injection; the culture of the vitreous documented staphylococcus aureus in the vitreous sample. This rare complication has been rarely described in the literature [1,2].

Conclusion

Although rare, doing blepharoplasty a common cosmetic in inexperienced hand could lead to a severe devastating intra ocular complication.

References

1. Ibáñez FN, Castellar CJJ, Anaya AR, Peraza-NJ (2015) Ocular perforation post-blepharoplasty. J Fr Ophtalmol 38(9): 894.
2. Darlington JK, Lee WB, Schwab IR (2006) Corneal perforation during laser blepharoplasty. Ophthalmic Surg Lasers Imaging 37(4): 327-329.



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