Uncommon Conjunctivitis Following Anal Fissure Surgery: A Report of Three Cases

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Abstract

Background & Aim: Conjunctivitis is caused by a large group of infectious and non-infectious factors. However, no evidence of conjunctivitis following anal fissure surgery has been reported and such cases are not common. The present study is to report three cases of uncommon conjunctivitis following anal fissure surgery.

Cases: Patients presented in this study included three middle-aged women who suffered from conjunctivitis following anal fissure surgery. Searching medical databases, we did not find traces of such conditions due to anal fissure surgery; therefore, these cases can be considered as the first reports of the condition.

Conclusion: although further investigation revealed that disinfection of anesthetic mask using highly concentrated deconex accompanied with lack of appropriate wash before usage and thus a toxicity caused by high concentrations of deconex could have been the most probable cause of the incident, however, it is still unclear why this abnormal condition occurred.

Keywords: Conjunctivitis, deconex 53 PLUS, Anal Fissure, General Anesthesia