Comparative study to evaluate silicone stent in endoscopic DCR

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Abstract

Background: Epiphora is an overflow of tears onto the face due to imperfect drainage of the tear conducting passages or excess lacrimal production.

Objective: To evaluate silicon stent used in primary endoscopic dacrocystorhinostomy.

Patients and Methods: Thirty seven patients attended to Baqubah teaching hospital since 4th March 2013 till 9th March 2014. It is a clinical sign or condition that constitutes insufficient tear film drainage from the eye that tears will drain down the face rather than through the nasolacrimal duct. Dacrocystorhinostomy (DCR) is indicated when the patient has acquired nasolacrimal duct obstruction, we do this either with or without silicon stent. If in studies discover results of surgery is without stent is comparable with that with stent, we will reach to a point that leaving stent is better from point of view regarding its coast and complications.

Results: Age of patients in the present study was between 18 to 65 years old, 65% of them are females, no significant statistical difference between the two groups (group DCR with stent and group DCR without stent) in regards to complications.

Conclusion: We can conclude that silicone stent is not important in primary DCR.

Key words: Silicone stent, Dacrocystorhinostomy, Epiphora.

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