



Failure of Endoscopic DCR

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Abstract:

Epiphora due to nasolacrimal duct obstruction accounts for 13% of all general ophthalmology visits. Endoscopic dacryocystorhinostomy (DCR) has become accepted as a suitable treatment for patients with obstructions of the lacrimal system at the level of the sac or below it. Modification of endoscopic DCR is realized by using the overlapping flaps between the lacrimal sac and nasal mucosa with the creation of a wide bony ostium by drilling out the bony borders of the lacrimal sac.

Aim To assess the rate of patency of rhinostome after endoscopic DCR with mucosal flap preservation technique in the treatment of nasolacrimal duct obstruction.

Results Most of the patients were women (70%). The patients' age ranged from 18 to 65 years old. All patients complained of epiphora, 50% had punctual discharge, and 26.6% had lacrimal sac swelling before the operation. The success rate of the operation was 90%.

Conclusion We conclude that the low complication and high success rate indicate that EN-DCR with a large bony ostium and large nasal mucosal flap opposed with lacrimal sac flaps can be considered as a better technique in the treatment of lacrimal system obstructions.

Biography:

Professor and consultant of Otolaryngology since 2006 worked in Suez canal university teaching hospital and specialized hospital until late 2019 in Aran Republic of Egypt then now working as consultant in Ministry of



health and prevention UAE.

Recent Publications:

- 1- Green's function for second order elliptic equations with singular lower order coefficients
- 2- On scale invariant bounds for Green's function for second order elliptic equations with lower order coefficients and applications
- 3- Boundary value problems in Lipschitz domains for equations with lower order coefficients
- 4- Boundary value problems in Lipschitz domains for equations with drifts
- 5- Scale invariant regularity estimates for second order elliptic equations with lower order coefficients in optimal spaces
- 6- Minimizers for the thin one-phase free boundary problem

Worldwide Forum on Otolaryngology and ENT Surgery; July 25, 2020; Barcelona, Spain

Citation: DR Mohamed El Tabbakh; Worldwide Forum on Otolaryngology and ENT Surgery; Ent 2020; July 25, 2020; Barcelona, Spain