

ABSTRACT

STUDY ON THE ROLE OF MITOMYCIN C IN THE MANAGEMENT OF OCULAR SURFACE SQUAMOUS NEOPLASIA

AIM:

To evaluate the role of Mitomycin C as an adjuvant therapy intraoperatively and post operatively in the management of Ocular Surface Squamous Neoplasia.

To determine the role of Mitomycin C in the prevention of recurrence of Ocular Surface Squamous Neoplasia.

METHOD:

The proposed study is a prospective Study conducted in 20 patients. After surgical excision intraoperatively 0.4mg/ml of Mitomycin c applied over the excised site for 3-4 minutes. Postoperatively 2 cycles of 0.04% Mitomycin c eye drops 4 times per day was given approximately 2 weeks after the surgical excision, each cycle lasting for 1 week with off period of 1 week in between. Antibiotic steroid eyedrops given throughout the postoperative period

RESULTS:

Among the 20 patients studied 19 showed good outcome and no Recurrence over the period of 12 months observation. 1 patient developed Recurrence. only 2 patients had short limiting complications. No longterm and systemic complications

CONCLUSION:

Intraoperative and postoperative use of mitomycin c is effective in the management of OSSN and is quite effective in preventing the recurrence.

Key words-Ocular Surface Squamous Neoplasia, Mitomycin c