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SECTION: ORBIT & OCULOPLASTY

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FREE PAPER 3 [FP1514]

ADENOID CYSTIC CARCINOMA OF THE LACRIMAL GLAND - MANAGEMENT AND OUTCOME IN 40 PATIENTS

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Purpose: To report the outcome of adenoid cystic carcinoma (ACC) of the lacrimal gland. Methods: Evaluation of 40 consecutive patients managed by surgery + radiotherapy (Group 1, n=12), surgery + radiotherapy + adjuvant chemotherapy (Group 2, n=8), neoadjuvant chemotherapy + surgery + radiotherapy + adjuvant chemotherapy (Group 3, n=20), with eye salvage, local tumor control and systemic metastasis as the outcome measures. Results: Eye salvage was possible in 34 (85%) overall – 4 (67%) in Group 1, 7 (87%) in Group 2, and 19 (95%) in Group 3. Tumor recurred in 10 (25%) overall – 5 (43%) in Group 1, 2 (25%) in Group 2 and 2 (10%) in Group 3. Systemic metastasis occurred in 9 (23%) overall – 8 (67%) in Group 1, 1 (13%) in Group 2 and none in Group 3. Median follow-up was 60 months. Conclusion: Sequential neoadjuvant chemotherapy, surgery, radiotherapy and adjuvant chemotherapy in ACC seems effective in achieving eye salvage and minimizing local tumor recurrence and systemic metastasis.

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