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Surgical treatment of 200 patients with oral & maxillofacial cancer with neck dissection

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Background: Oral cancer represent 3-5% of all body cancer, while Squamous cell carcinoma represent 90% of oral cancer. Its disease of elderly people affect mainly age between 60-70 years. Diagnosis depend on their clinical examination, investigations & proved by incisional biopsy to arrange their TNM system. The treatment was resection of primary site with different types of neck dissection.

Patients and methods: This study includes 200 patients with oral cancer (96 females & 104 males). Age range between 20-90 years, were treated with primary site resection and different types of neck dissection. All patients treated in maxillofacial department in Ghazi alhariri hospital-medical city-baghdad-Iraq. Surgery done by consultant maxillofacial surgeon (dr. Sabah Abdulaziz Issa). The primary sites mainly affect tongue, mandibular alveolus, maxillary alveolus, cheek, floor of mouth, lower lip, parotid gland, submandibular gland, oral commissure & upper lip in sequence. While neck treatment with selective neck dissection, classical n. dissection & functional n. dissection in sequence.

Results: The main age group affected was between 61-70 y. (55 patients) followed by age group between 51-60 y. (40 patients). Regarding primary site tumor size, 77 patients with T4, 70 patients with T3, 52 patients with T2 & only 5 patient with T1. Regarding sites, tongue was 30% and the least site was upper lip was 1%. About types of oral cancer, sq.c.c. (155 patients) followed by mucoepidermoid carcinoma (19 patients) & the least type was duct cell carcinoma (1 patient). Regarding lymph nodes metastasis of the neck 80 patients with N1, 54 patients with N2, 53 patients with N0 & 13 patients with N3. About the surgical treatment of neck 70% treated with selective n. dissection, 24% treated with classical n. dissection & only 6% treated with functional n. dissection. Regarding the sides of n. dissection were 106 left side & 107 right side with 187 patients with unilateral n. dissection & 13 patients with bilateral n. dissection.

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