

**On-line Table: Characteristics of patients with treatment failure (n = 17)**

Patient	Age (yr)/Sex	Primary Tumor Location	HPV Status	TNM Stage	Location of Recurrence	Histology Confirmation	Time Interval between TF and Treatment Completion (mo)	Adjuvant Treatment
1	47/M	Oropharynx	Unknown	T4aN2bM0	Nodes	Yes	12	Neck dissection
2	30/M	Oropharynx	Positive	T1N2bM0	Nodes	Yes	6	Neck dissection
3	48/M	Oropharynx	Positive	T1N2bM0	Nodes	Yes	11	Neck dissection
4	60/M	Oropharynx	Positive	T4aN1M0	Primary tumor	Yes	9	Partial glossectomy, tonsillectomy, neck dissection
5	62/F	Oropharynx	Negative	T3N0M0	Both primary tumor and nodes	No	13	Radical surgery, chemotherapy
6	65/M	Oropharynx	Negative	T3N0M0	Primary tumor	Yes	10	Radical surgery
7	69/M	Oropharynx	Positive	T2N1M0	Nodes	Yes	12	Neck dissection
8	69/F	Oropharynx	Negative	T4aN2cM0	Nodes	Yes	16	Neck dissection
9	61/M	Oropharynx	Positive	T3N2bM0	Primary tumor	Yes	5	Partial glossectomy, submandibulectomy, neck dissection
10	84/M	Oral cavity	Unknown	T4aN2cM0	Nodes	No	9	Radical surgery, chemotherapy
11	43/M	Oral cavity	Unknown	T3N1M0	Nodes	Yes	5	Radical surgery, chemotherapy
12	58/M	Oral cavity	Unknown	T2N2bM0	Nodes	No	13	Radical surgery
13	58/M	Larynx	Unknown	T2N0M0	Primary tumor	Yes	8	Total laryngectomy, neck dissection
14	52/M	Larynx	Unknown	T3N2cM0	Primary tumor	No	7	Radical surgery
15	46/M	Nasopharynx	Unknown	T2N1M0	Nodes	Yes	10	Neck dissection
16	63/M	Nasopharynx	Unknown	T2N0M0	Primary tumor	Yes	24	Chemoradiation
17	64/M	Hypopharynx	Unknown	T3N2bM0	Nodes	Yes	6	Total laryngectomy, neck dissection

**Note:**—HPV indicates human papillomavirus; TNM, Tumor, Node, Metastasis.