

Presentation of studied population Table (1) :

Presentation	Number (%)
Hoarseness	23 (47.92%)
Dysphagia	8 (16.67%)
Nasal obstruction	6 (12.50%)
Neck mass	5 (10.42%)
Dyspnea	1 (2.08%)
Epistaxis	1 (2.08%)
Facial swelling	1 (2.08%)
Lt. Facial pain\dysphagia	1 (2.08%)
Rt. check mass	1 (2.08%)
Stomatitis	1 (2.08%)

Characteristic of the tumors in studied populations Table (2) ;

Variable	Summary statistics
Site	
Larynx	26 (54.17%)
Nasopharynx	9 (18.75%)
Hypopharynx	5 (10.42%)
Oral cavity	3 (6.25%)
Tongue	3 (6.25%)
Oropharynx	1 (2.08%)
Cheek	1 (2.08%)
Pathology	
SCC	15 (31.25%)
Undifferentiated Carcinoma	33 (68.75%)
NK SCC	2 (4.17%)
Anaplastic	1 (2.08%)
Grade	
G1	4 (8.33%)
G2	27 (56.25%)
G2-3	4 (8.33%)
G3	11 (22.92%)
HG	2 (4.17%)
Stage	
III	20 (41.67%)
IVA	27 (56.25%)
IVB	1 (2.08%)
T classification	
T1	2 (4.17%)
T2	9 (18.75%)
T3	23 (47.92%)
T4	14 (29.17%)
N classification	
N0	8 (16.67%)
N1	14 (29.17%)
N2	25 (52.08%)
N3	1 (2.08%)

Characteristics related to response Table (3)

Variable	Summary statistics
Initial response	
Complete response	34 (70.83%)
Partial response	8 (16.67%)
Progressive disease	1 (2.08%)
Stationary disease	1 (2.08%)
Died	1 (2.08%)
Missed	3 (6.25%)
Time to initial response	
Mean \pm SD	2.97 \pm 1.05
Median (range)	3.00 (2.00-6.00)
Duration to achieved response	
Mean \pm SD	16.33 \pm 13.53
Median (range)	12.00 (1.00-45.00)
Further outcome	
Complete response	30 (68.18%)
Partial response	1 (2.77%)
Progressive disease	13 (29.55%)
Site of progression if present	
Local	9 (69.23%)
Lung	3 (23.08%)
Both	1 (7.69%)
Over all response	
Progressive	12 (27.27%)
Responsive	32 (72.73%)

Comparison between patients using / not using induction chemotherapy according to patients' characteristics Table (4) :

Variables	Induction chemotherapy		P value
	No	Yes	
Age			
Mean \pm SD	58.29 \pm 13.84	54.7 \pm 16.92	0.42
Median (range)	60.5 (18-77)	60 (20-70)	
Gender			
Females	5 (17.86%)	10 (50.00%)	0.02
Males	23 (82.14%)	10 (50.00%)	
Smoking			
Non-smoker	9 (32.14%)	10 (50.00%)	0.21
Smoker	19 (67.86%)	10 (50.00%)	

Disease free survival its relation to different factors Table(5) ;

Factors	No.	Cum survival at 24 ms %	Cum survival at 36 ms %	Cum survival at end of study (max 45 ms) %	P-value
Whole group	34	73.79	67.08	67.08	
Age					
≤60	17	93.33	93.33	93.33	0.03
>60	17	52.73	42.19	42.19	
Gender					
Females	7	75.00	75.00	75.00	0.58
Males	27	72.64	65.37	65.37	
Smoking					
Non-smoker	11	87.50	65.63	65.63	0.43
Smoker	23	64.12	64.12	64.12	
Pathology					
SCC	26	66.86	59.43	59.43	0.39
Others	8	87.50	87.50	87.50	
Grade					
G1/G2	22	65.63	56.25	56.25	0.57
More than G2	12	82.50	82.50	82.50	
Stage					
III	16	80.81	80.81	80.81	0.15
IVA/IVB	18	67.46	53.97	53.97	
T classificatio n					
T1/T2	10	83.33	83.33	83.33	0.29
T3/T4	24	69.01	57.51	57.51	
N classificatio n					
N0/ N1	17	70.75	53.06	53.06	0.61
N2/N3	17	75.29	75.29	75.29	
Induction chemothera py					
Yes	13	70.00	70.00	70.00	0.69
No		74.51	65.20	65.20	

Overall survival its relation to different factorsTable (6)

Factors	No.	Cum survival at 24 ms %	Cum survival at 36 ms %	Cum survival at end of study (max 62ms) %	P- value
Whole group	48	62.52	59.39	59.39	
Age					
≤60	25	59.95	59.95	59.95	0.91
>60	23	64.67	58.21	58.21	
Gender					
Females	15	41.90	41.90	41.90	0.03
Males	33	71.73	67.24	67.24	
Smoking					
Non-smoker	19	55.83	55.83	55.83	0.34
Smoker	29	66.42	60.89	60.89	
Pathology					
SCC	38	60.22	56.20	56.20	0.76
Others	10	70.00	70.00	70.00	
Grade					
G1/G2	31	62.44	57.24	57.24	0.92
More than G2	17	61.94	61.94	61.94	
Stage					
III	20	62.33	62.33	62.33	0.68
IVA/IVB	28	63.31	56.98	56.98	
T classificatio n					
T1/T2	11	90.00	90.00	90.00	0.03
T3/T4	37	54.00	50.16	50.16	
N classificatio n					
N0/ N1	22	53.79	53.79	53.79	0.56
N2/N3		70.36	64.50	64.50	
Induction chemothera py					
Yes	20	58.85	58.85	58.85	0.84
No	28	64.71	60.39	60.39	

Comparison between patients using / not using induction chemotherapy according to toxicity Table (7) :

Variables	Induction chemotherapy		P value
	No	Yes	
Acute toxicity			
Mucositis grade			0.22
0	1 (3.57%)	0	
1	11 (39.29%)	6 (30.00%)	
2	5 (17.86%)	6 (30.00%)	
3	10 (35.71%)	4 (20.00%)	
4	1 (3.57%)	4 (20.00%)	
Acute skin toxicity grade			0.16
0	2 (7.14%)	0	
1	9 (32.14%)	10 (50.00%)	
2	11 (39.29%)	3 (15.00%)	
3	5 (17.86%)	4 (20.00%)	
4	1 (3.57%)	3 (15.00%)	
Dysphagia			1.00
No	7 (25.00%)	5 (25.00%)	
Yes	21 (75.00%)	15 (75.00%)	
Chronic toxicity			
No chronic toxicity	18 (64.29%)	17 (85.00%)	0.12
Pigmentation	1 (3.57%)	0	
Skin	6 (21.43%)	0	
Xerostomia	3 (10.71%)	3 (15.00%)	