

頭頸部TNM分類研究資料

(1995年度症例のTNM分類および一次治療の動向)

頭頸部 T N M 分類研究資料

(1995 年度症例の T N M 分類および一次治療の動向)

日本 T N M 分類委員会
(The Japanese Joint Committee)
頭頸部小委員会

国立がんセンター東病院
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Total Cases	4
Oral Cavity	23
Larynx	53
Hypopharynx	84
Mesopharynx	97
Nasopharynx	111
Nasal Cavity and Paranasal Sinuses	
Excluding the Maxillary Sinus	125
Maxillary Sinus	137

1995年度症例登録施設（24施設）

耳鼻咽喉科

旭川医科大学
千葉大学医学部
日本医科大学
東京医科大学
北里大学医学部
福井医科大学
京都府立医科大学
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口腔外科

北海道大学歯学部第1・第2
東北大学歯学部第2
東京医科歯科大学歯学部第1
横浜市立大学医学部
信州大学医学部
大阪大学歯学部第2
徳島大学歯学部第1
九州大学歯学部第1

その他の施設

千葉県がんセンター
国立がんセンター東病院

Total Cases

1133 Cases

Head and Neck Carcinoma ----- 1133 Cases

Primary Site

Site	Number of patients
1)Oral cavity	459 (40.5%)
2)Larynx	333 (29.4%)
3)Hypopharynx	103 (9.1%)
4)Mesopharynx	111 (9.8%)
5)Nasopharynx	51 (4.5%)
6)Nasal cavity, <i>etc</i> .	12 (1.1%)
7)Maxillary sinus	64 (5.6%)
Total	1133 (100.0%)

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Head and Neck Carcinoma ----- 1133 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	1	0	0	1
10 - 19	3	0	0	3
20 - 29	11	6	0	17
30 - 39	14	10	0	24
40 - 49	75	27	0	102
50 - 59	242	35	0	277
60 - 69	331	73	0	404
70 - 79	153	57	0	210
80 - 89	46	44	0	90
90 -	2	1	0	3
Unknown	2	0	0	2
Total	880	253	0	1133

Head and Neck Carcinoma ----- 1133 Cases

Histological Distribution by Primary Site

Histologic type	(1) Oral cavity	(2) Larynx	(3) Hypo- pharynx	(4) Meso- pharynx	(5) Naso- pharynx	(6) Nasal cavity, <i>etc.</i>	(7) Maxillary sinus	Total
Neoplasm, malig.	1	0	0	1	0	2	2	6
Carcinoma, NOS	2	0	0	1	0	0	1	4
Ca., undiff., NOS	1	0	0	1	13	2	3	20
Giant cell and spindle cell ca.	0	0	0	1	0	0	0	1
Papillary ca., NOS	0	1	0	0	0	0	0	1
Verrucous ca., NOS	5	3	0	0	0	0	0	8
Papillary S.C.C.	0	0	0	0	0	1	1	2
S.C.C.-in-situ, NOS	6	8	0	0	0	0	0	14
S.C.C., NOS	303	226	73	85	25	5	41	758
S.C.C., kerat., NOS	116	86	26	13	3	1	8	253
S.C.C., large cell, non-kerat.	0	9	4	1	5	0	1	20
S.C.C., small cell, non-kerat.	2	0	0	1	1	0	0	4
S.C.C., spindle cell	2	0	0	0	2	0	1	5
S.C.C.-in-situ with quest. stromal invasion	1	0	0	0	0	0	0	1
Adenocarcinoma, NOS	0	0	0	1	2	0	1	4
Adenoid cystic ca.	11	0	0	4	0	1	2	18
Mucoepidermoid ca.	7	0	0	0	0	0	2	9
Acinar cell ca.	2	0	0	1	0	0	0	3
Fibrous histiocytoma, malig.	0	0	0	0	0	0	1	1
Mixed tumor, malig., NOS	0	0	0	1	0	0	0	1
Unknown	0	0	0	0	0	0	0	0
Total	459	333	103	111	51	12	64	1133

Nasal cavity, *etc.* : nasal cavity and paranasal sinuses excluding the maxillary sinus.

malig.: malignant.

undiff.: undifferentiated.

quest.:questionable

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Head and Neck Carcinoma ----- 1133 Cases

Histological Distribution by Primary Site (Male)

Histologic type	(1) Oral cavity	(2) Larynx	(3) Hypo- pharynx	(4) Meso- pharynx	(5) Naso- pharynx	(6) Nasal cavity, etc .	(7) Maxillary sinus	Total
Neoplasm, malig.	0	0	0	1	0	2	1	4
Carcinoma, NOS	1	0	0	1	0	0	1	3
Ca., undiff., NOS	1	0	0	1	7	1	3	13
Giant cell and spindle cell ca.	0	0	0	1	0	0	0	1
Papillary ca., NOS	0	1	0	0	0	0	0	1
Verrucous ca., NOS	1	3	0	0	0	0	0	4
Papillary S.C.C.	0	0	0	0	0	1	0	1
S.C.C.-in-situ, NOS	2	8	0	0	0	0	0	10
S.C.C., NOS	205	217	61	75	19	3	27	607
S.C.C., kerat., NOS	78	80	22	10	3	1	5	199
S.C.C., large cell, non-kerat.	0	7	3	1	3	0	1	15
S.C.C., small cell, non-kerat.	2	0	0	1	1	0	0	4
S.C.C., spindle cell	0	0	0	0	2	0	0	2
S.C.C.-in-situ with quest. stromal invasion	1	0	0	0	0	0	0	1
Adenocarcinoma, NOS	0	0	0	0	1	0	1	2
Adenoid cystic ca.	5	0	0	1	0	1	2	9
Mucoepidermoid ca.	1	0	0	0	0	0	1	2
Acinar cell ca.	1	0	0	0	0	0	0	1
Fibrous histiocytoma, malig.	0	0	0	0	0	0	1	1
Mixed tumor, malig., NOS	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	298	316	86	92	36	9	43	880

Nasal cavity, etc .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

malig.: malignant.

undiff.: undifferentiated.

quest.:questionable

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Head and Neck Carcinoma ----- 1133 Cases

Histological Distribution by Primary Site (Female)

Histologic type	(1) Oral cavity	(2) Larynx	(3) Hypo- pharynx	(4) Meso- pharynx	(5) Naso- pharynx	(6) Nasal cavity, <i>etc.</i>	(7) Maxillary sinus	Total
Neoplasm, malig.	1	0	0	0	0	0	1	2
Carcinoma, NOS	1	0	0	0	0	0	0	1
Ca., undiff., NOS	0	0	0	0	6	1	0	7
Giant cell and spindle cell ca.	0	0	0	0	0	0	0	0
Papillary ca., NOS	0	0	0	0	0	0	0	0
Verrucous ca., NOS	4	0	0	0	0	0	0	4
Papillary S.C.C.	0	0	0	0	0	0	1	1
S.C.C.-in-situ, NOS	4	0	0	0	0	0	0	4
S.C.C., NOS	98	9	12	10	6	2	14	151
S.C.C., kerat., NOS	38	6	4	3	0	0	3	54
S.C.C., large cell, non-kerat.	0	2	1	0	2	0	0	5
S.C.C., small cell, non-kerat.	0	0	0	0	0	0	0	0
S.C.C., spindle cell	2	0	0	0	0	0	1	3
S.C.C.-in-situ with quest. stromal invasion	0	0	0	0	0	0	0	0
Adenocarcinoma, NOS	0	0	0	1	1	0	0	2
Adenoid cystic ca.	6	0	0	3	0	0	0	9
Mucoepidermoid ca.	6	0	0	0	0	0	1	7
Acinar cell ca.	1	0	0	1	0	0	0	2
Fibrous histiocytoma, malig.	0	0	0	0	0	0	0	0
Mixed tumor, malig., NOS	0	0	0	1	0	0	0	1
Unknown	0	0	0	0	0	0	0	0
Total	161	17	17	19	15	3	21	253

Nasal cavity, *etc.* : nasal cavity and paranasal sinuses excluding the maxillary sinus.

malig.: malignant.

NOS: not otherwise specified.

Ca., ca.: carcinoma.

undiff.: undifferentiated.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

quest.:questionable

Head and Neck Carcinoma ----- 1133 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	1	0	0	0	0	0	0	0	1
T1	250	5	1	7	7	7	2	2	281
T2	279	59	2	15	22	16	8	3	404
T3	105	31	4	2	33	25	4	1	205
T4	97	35	3	6	31	35	11	2	220
TX	3	0	0	0	2	0	0	17	22
Total	735	130	10	30	95	83	25	25	1133

Head and Neck Carcinoma ----- 1133 Cases

T and N Status (M0 Cases)

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	1	0	0	0	0	0	0	0	1
T1	238	5	1	6	7	3	2	2	264
T2	261	51	2	15	18	15	6	2	370
T3	97	28	2	2	31	20	4	1	185
T4	84	29	2	4	29	33	7	0	188
TX	3	0	0	0	2	0	0	0	5
Total	684	113	7	27	87	71	19	5	1013

Head and Neck Carcinoma ----- 1133 Cases

T and N Status (M1 Cases)

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	0	0	0	0	0	0	0	0	0
T2	1	2	0	0	0	0	2	0	5
T3	0	1	0	0	1	0	0	0	2
T4	3	1	1	0	0	2	1	0	8
TX	0	0	0	0	0	0	0	0	0
Total	4	4	1	0	1	2	3	0	15

Head and Neck Carcinoma ----- 1133 Cases

T and N Status (MX Cases)

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	12	0	0	1	0	4	0	0	17
T2	17	6	0	0	4	1	0	1	29
T3	8	2	2	0	1	5	0	0	18
T4	10	5	0	2	2	0	3	2	24
TX	0	0	0	0	0	0	0	17	17
Total	47	13	2	3	7	10	3	20	105

Head and Neck Carcinoma ----- 1133 Cases

Treatment Method for the Primary Lesion by Primary Site

Treatment method	(1) Oral cavity	(2) Larynx	(3) Hypo- pharynx	(4) Meso- pharynx	(5) Naso- pharynx	(6) Nasal cavity, <i>etc</i> .	(7) Maxillary sinus	Total
0)No treatment	10	10	6	3	0	0	3	32
1)Rad. alone	49	130	7	28	8	0	2	224
2)Surg. alone	209	87	22	20	1	2	2	343
3)Preop. rad.	23	17	2	2	0	0	2	46
4)Postop. rad.	20	13	2	3	1	0	2	41
5)Preop. & postop. rad.	4	0	5	2	0	1	3	15
6)Rad.→ salvage	5	4	6	1	0	0	2	18
7)Rad.+chem.+surg.	65	11	15	18	2	4	36	151
8)Rad.+chem.	29	45	23	19	36	4	7	163
9)Others	45	16	15	15	3	1	5	100
No information	0	0	0	0	0	0	0	0
Total	459	333	103	111	51	12	64	1133

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Head and Neck Carcinoma ----- 1133 Cases

Method of Surgery for the Primary Lesion by Primary Site

Primary site	(0) No surg.	(1) Extended total	(2) Total	(3) Subtotal	(4) Hemi-	(5) Partial	(9) Others	No infor- mation	Total
1)Oral cavity	90	32	55	38	49	179	16	0	459
2)Larynx	160	11	87	0	0	30	45	0	333
3)Hypopharynx	43	28	27	0	0	2	3	0	103
4)Mesopharynx	54	11	22	2	1	12	9	0	111
5)Nasopharynx	44	0	0	0	0	0	3	4	51
6)Nasal cavity, <i>etc</i> .	3	0	0	0	0	0	9	0	12
7)Maxillary sinus	11	14	13	6	0	15	5	0	64
Total	405	96	204	46	50	238	90	4	1133

surg.: surgery.

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Head and Neck Carcinoma ----- 1133 Cases

Treatment Method for the Cervical Nodes by Primary Site

Treatment method	(1) Oral cavity	(2) Larynx	(3) Hypo- pharynx	(4) Meso- pharynx	(5) Naso- pharynx	(6) Nasal cavity, <i>etc</i> .	(7) Maxillary Sinus	Total
0)No treatment	249	232	23	42	16	10	53	625
1)Rad. alone	11	15	2	15	5	0	0	48
2)Surg. alone	87	38	23	16	0	0	8	172
3)Preop. rad.	20	10	2	3	0	0	1	36
4)Postop. rad.	17	9	2	2	0	0	1	31
5)Preop. & postop. rad.	4	0	4	2	0	0	0	10
6)Rad.→ salvage	1	3	5	3	3	0	0	15
7)Rad.+chem.+surg.	35	8	14	14	3	0	0	74
8)Rad.+chem. .	14	10	14	6	24	2	1	71
9)Others	21	8	14	8	0	0	0	51
No information	0	0	0	0	0	0	0	0
Total	459	333	103	111	51	12	64	1133

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Head and Neck Carcinoma ----- 1133 Cases

Neck Dissection by Primary Site

Primary site	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
1)Oral cavity	238	99	66	39	3	14	459
2)Larynx	206	46	35	9	3	34	333
3)Hypopharynx	37	50	11	2	0	3	103
4)Mesopharynx	53	33	11	3	1	10	111
5)Nasopharynx	39	6	0	0	2	4	51
6)Nasal cavity, <i>etc</i> .	11	1	0	0	0	0	12
7)Maxillary sinus	49	8	3	0	0	4	64
Total	633	243	126	53	9	69	1133

N.D.: neck dissection.

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Head and Neck Carcinoma ----- 1133 Cases

Reconstructive Surgery by Primary Site

Primary site	(0) No recon.	(1) Pedicled flap	(2) Free flap or jejunum	(3) Free bone graft	(4) Vascu- larized bone graft	(5) (1)+ (2)	(6) (1)+ (3)	(7) (2)+ (3)	(8) (2)+ (4)	(9) Others	No infor- mation	Total
1)Oral cavity	266	50	100	0	0	0	0	3	4	36	0	459
2)Larynx	272	10	5	0	0	2	0	0	0	44	0	333
3)Hypopharynx	50	7	34	0	0	2	0	0	0	10	0	103
4)Mesopharynx	66	12	20	1	0	1	0	0	1	10	0	111
5)Nasopharynx	46	0	0	0	0	0	0	0	0	0	5	51
6)Nasal cavity, etc .	8	0	0	0	0	0	0	0	0	4	0	12
7)Maxillary sinus	44	1	7	0	0	0	0	5	0	7	0	64
Total	752	80	166	1	0	5	0	8	5	111	5	1133

recon.: reconstruction.

Nasal cavity, etc .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Head and Neck Carcinoma ----- 1133 Cases

Radiotherapy for the Primary Lesion by Primary Site

Primary site	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
1)Oral cavity	243	168	1	20	4	14	9	459
2)Larynx	98	223	0	0	0	0	12	333
3)Hypopharynx	39	60	0	0	2	0	2	103
4)Mesopharynx	31	73	0	1	1	2	3	111
5)Nasopharynx	2	45	0	0	1	1	2	51
6)Nasal cavity, <i>etc</i> .	2	10	0	0	0	0	0	12
7)Maxillary sinus	6	57	0	0	0	0	1	64
Total	421	636	1	21	8	17	29	1133

R.T.: radiotherapy.

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Head and Neck Carcinoma ----- 1133 Cases

Chemotherapy by Primary Site

Primary Site	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
1)Oral cavity	323	1	18	106	1	0	2	0	8	459
2)Larynx	249	1	0	62	0	0	0	0	21	333
3)Hypopharynx	47	0	0	54	0	0	0	0	2	103
4)Mesopharynx	57	0	7	45	0	0	0	0	2	111
5)Nasopharynx	9	0	0	39	0	0	1	0	2	51
6)Nasal cavity, <i>etc</i> .	4	0	2	6	0	0	0	0	0	12
7)Maxillary sinus	15	0	34	10	0	0	4	0	1	64
Total	704	2	61	322	1	0	7	0	36	1133

chem.: chemotherapy.

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Head and Neck Carcinoma ----- 1133 Cases

Immunotherapy by Primary Site

Primary Site	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Oral cavity	441	10	8	459
2)Larynx	291	1	41	333
3)Hypopharynx	101	0	2	103
4)Mesopharynx	109	0	2	111
5)Nasopharynx	49	0	2	51
6)Nasal cavity, <i>etc</i> .	12	0	0	12
7)Maxillary sinus	61	2	1	64
Total	1064	13	56	1133

immuno.: immunotherapy.

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Head and Neck Carcinoma ----- 1133 Cases

Cryosurgery by Primary Site

Primary Site	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Oral cavity	450	1	8	459
2)Larynx	292	0	41	333
3)Hypopharynx	101	0	2	103
4)Mesopharynx	109	0	2	111
5)Nasopharynx	49	0	2	51
6)Nasal cavity, <i>etc</i> .	12	0	0	12
7)Maxillary sinus	62	1	1	64
Total	1075	2	56	1133

Nasal cavity, *etc* .: nasal cavity and paranasal sinuses excluding the maxillary sinus.

Oral Cavity

459 Cases

Carcinoma of the Oral Cavity ----- 459 Cases

Subsite

Subsite	Number of patients
1)Lip	6 (1.3%)
2)Buccal mucosa	41 (8.9%)
3)Retromolar area	8 (1.7%)
4)Gingiva	100 (21.8%)
5)Hard palate	14 (3.1%)
6)Floor of the mouth	55 (12.0%)
7)Tongue	230 (50.1%)
9)Oral cavity, NOS	5 (1.1%)
Total	459 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	1	0	0	1
20 - 29	5	5	0	10
30 - 39	9	7	0	16
40 - 49	37	14	0	51
50 - 59	107	19	0	126
60 - 69	88	50	0	138
70 - 79	37	33	0	70
80 - 89	13	32	0	45
90 -	1	1	0	2
Unknown	0	0	0	0
Total	298	161	0	459

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Lip

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	0	0	0	0
50 - 59	2	1	0	3
60 - 69	1	0	0	1
70 - 79	0	2	0	2
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	3	3	0	6

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Buccal Mucosa

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	1	0	1
30 - 39	1	1	0	2
40 - 49	1	0	0	1
50 - 59	10	1	0	11
60 - 69	9	6	0	15
70 - 79	2	2	0	4
80 - 89	1	6	0	7
90 -	0	0	0	0
Unknown	0	0	0	0
Total	24	17	0	41

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Retromolar Area

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	1	0	0	1
50 - 59	2	0	0	2
60 - 69	3	1	0	4
70 - 79	1	0	0	1
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	7	1	0	8

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Gingiva

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	1	0	1
40 - 49	3	2	0	5
50 - 59	15	3	0	18
60 - 69	11	23	0	34
70 - 79	14	12	0	26
80 - 89	6	9	0	15
90 -	1	0	0	1
Unknown	0	0	0	0
Total	50	50	0	100

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Hard Palate

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	1	1	0	2
30 - 39	0	1	0	1
40 - 49	1	2	0	3
50 - 59	1	0	0	1
60 - 69	2	1	0	3
70 - 79	0	2	0	2
80 - 89	1	1	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	6	8	0	14

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Floor of the Mouth

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	6	1	0	7
50 - 59	18	0	0	18
60 - 69	16	3	0	19
70 - 79	7	2	0	9
80 - 89	1	1	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	48	7	0	55

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Tongue

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	1	0	0	1
20 - 29	4	3	0	7
30 - 39	8	4	0	12
40 - 49	25	9	0	34
50 - 59	58	13	0	71
60 - 69	44	16	0	60
70 - 79	12	13	0	25
80 - 89	4	15	0	19
90 -	0	1	0	1
Unknown	0	0	0	0
Total	156	74	0	230

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Oral Cavity, NOS

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	0	0	0	0
50 - 59	1	1	0	2
60 - 69	2	0	0	2
70 - 79	1	0	0	1
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	4	1	0	5

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Histological Distribution by Subsite

Histologic type	(1) Lip	(2) Buccal mucosa	(3) Retromolar area	(4) Gingiva	(5) Hard palate	(6) Floor of the mouth	(7) Tongue	(9) Oral cavity, NOS	Total
Neoplasm, malig.	0	0	0	1	0	0	0	0	1
Carcinoma, NOS	0	0	0	0	1	0	0	1	2
Ca., undiff., NOS	0	0	0	0	1	0	0	0	1
Verrucous ca., NOS	0	1	0	3	0	0	1	0	5
S.C.C.-in-situ, NOS	0	0	0	1	0	0	5	0	6
S.C.C., NOS	4	29	5	56	3	35	168	3	303
S.C.C., kerat., NOS	1	6	1	38	4	13	52	1	116
S.C.C., small cell, non-kerat.	0	1	0	0	0	1	0	0	2
S.C.C., spindle cell	0	0	0	0	0	2	0	0	2
S.C.C.-in-situ with quest. stromal invasion	0	0	0	0	0	0	1	0	1
Adenoid cystic ca.	0	1	1	1	2	3	3	0	11
Mucoepidermoid ca.	1	1	1	0	3	1	0	0	7
Acinar cell ca.	0	2	0	0	0	0	0	0	2
Unknown	0	0	0	0	0	0	0	0	0
Total	6	41	8	100	14	55	230	5	459

malig.: malignant.

undiff.: undifferentiated.

quest.:questionable

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Carcinoma of the Oral Cavity ----- 459 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	105	1	1	1	1	0	0	0	109
T2	142	39 *	1	4	4	2	2 *	3	197
T3	40	13	1	1	11	6	0	0	72
T4	29	17	1	2	12	11 *	0	1	73
TX	1	0	0	0	1	0	0	6	8
Total	317	70	4	8	29	19	2	10	459

M1: 3 cases. Each * signifies one M1 case.

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Lip

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	1	0	0	0	0	0	0	0	1
T2	3	0	0	0	0	0	0	0	3
T3	0	0	0	0	1	0	0	0	1
T4	1	0	0	0	0	0	0	0	1
TX	0	0	0	0	0	0	0	0	0
Total	5	0	0	0	1	0	0	0	6

M1: 0 case.

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Buccal Mucosa

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	10	0	0	0	0	0	0	0	10
T2	12	3	0	0	0	0	0	0	15
T3	6	2	0	0	1	0	0	0	9
T4	3	3	0	0	0	0	0	1	7
TX	0	0	0	0	0	0	0	0	0
Total	31	8	0	0	1	0	0	1	41

M1: 0 case.

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Retromolar Area

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	0	0	0	0	0	0	0	0	0
T2	1	3	0	1	0	0	0	0	5
T3	0	1	0	0	0	0	0	0	1
T4	1	0	0	0	1	0	0	0	2
TX	0	0	0	0	0	0	0	0	0
Total	2	4	0	1	1	0	0	0	8

M1: 0 case.

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Gingiva

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	20	0	0	0	0	0	0	0	20
T2	30	4	1	1	1	0	1 *	0	38
T3	7	1	0	0	0	2	0	0	10
T4	14	6	0	0	5	4 *	0	0	29
TX	1	0	0	0	0	0	0	2	3
Total	72	11	1	1	6	6	1	2	100

M1: 2 cases. Each * signifies one M1 case.

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Hard Palate

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	4	0	0	0	0	0	0	0	4
T2	5	2	0	0	0	0	0	0	7
T3	2	0	0	0	0	0	0	0	2
T4	1	0	0	0	0	0	0	0	1
TX	0	0	0	0	0	0	0	0	0
Total	12	2	0	0	0	0	0	0	14

M1: 0 case.

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Floor of the Mouth

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	11	0	0	0	0	0	0	0	11
T2	16	6	0	1	0	2	0	0	25
T3	2	1	0	1	1	1	0	0	6
T4	2	3	0	2	1	4	0	0	12
TX	0	0	0	0	0	0	0	1	1
Total	31	10	0	4	2	7	0	1	55

M1: 0 case.

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Tongue

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	59	1	1	1	1	0	0	0	63
T2	74	21 *	0	1	3	0	1	3	103
T3	23	8	1	0	8	3	0	0	43
T4	7	5	1	0	4	2	0	0	19
TX	0	0	0	0	0	0	0	2	2
Total	163	35	3	2	16	5	1	5	230

M1: 1 case. Each * signifies one M1 case.

Carcinoma of the Oral Cavity ----- 459 Cases

Carcinoma of the Oral Cavity, NOS

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	0	0	0	0	0	0	0	0	0
T2	1	0	0	0	0	0	0	0	1
T3	0	0	0	0	0	0	0	0	0
T4	0	0	0	0	1	1	0	0	2
TX	0	0	0	0	1	0	0	1	2
Total	1	0	0	0	2	1	0	1	5

M1: 0 case.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	(1) Lip	(2) Buccal mucosa	(3) Retromolar area	(4) Gingiva	(5) Hard palate	(6) Floor of the mouth	(7) Tongue	(9) Oral cavity, NOS	Total
0)No treatment	0	3	0	2	0	3	2	0	10
1)Rad. alone	2	2	1	7	0	3	34	0	49
2)Surg. alone	2	23	1	38	7	24	112	2	209
3)Preop. rad.	1	3	1	4	0	2	12	0	23
4)Postop. rad.	0	3	1	6	0	2	8	0	20
5)Preop. & postop. rad.	0	0	0	1	0	1	2	0	4
6)Rad.→ salvage	0	0	1	0	0	1	3	0	5
7)Rad.+chem.+surg.	0	4	1	22	4	6	26	2	65
8)Rad.+chem.~	1	1	2	9	2	6	8	0	29
9)Others	0	2	0	11	1	7	23	1	45
No information	0	0	0	0	0	0	0	0	0
Total	6	41	8	100	14	55	230	5	459

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 459 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0) No surg.	(1) Extended total	(2) Total	(3) Subtotal	(4) Hemi-	(5) Partial	(9) Others	No infor- mation	Total
1)Lip	3	0	2	0	0	1	0	0	6
2)Buccal mucosa	4	5	10	3	0	16	3	0	41
3)Retromolar area	3	3	1	0	0	1	0	0	8
4)Gingiva	20	9	8	2	7	51	3	0	100
5)Hard palate	3	0	2	2	2	5	0	0	14
6)Floor of the mouth	12	1	5	9	6	19	3	0	55
7)Tongue	45	13	27	22	32	84	7	0	230
9)Oral cavity, NOS	0	1	0	0	2	2	0	0	5
Total	90	32	55	38	49	179	16	0	459

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	(1) Lip	(2) Buccal mucosa	(3) Retromolar area	(4) Gingiva	(5) Hard palate	(6) Floor of the mouth	(7) Tongue	(9) Oral cavity, NOS	Total
0)No treatment	5	26	1	56	12	23	126	0	249
1)Rad. alone	0	1	1	1	0	3	5	0	11
2)Surg. alone	0	7	1	20	1	9	45	4	87
3)Preop. rad.	1	1	1	1	1	3	12	0	20
4)Postop. rad.	0	1	1	5	0	2	8	0	17
5)Preop. & postop. rad.	0	0	0	1	0	1	2	0	4
6)Rad.→ salvage	0	0	0	0	0	0	1	0	1
7)Rad.+chem.+surg.	0	3	1	9	0	4	17	1	35
8)Rad.+chem.	0	0	2	4	0	4	4	0	14
9)Others	0	2	0	3	0	6	10	0	21
No information	0	0	0	0	0	0	0	0	0
Total	6	41	8	100	14	55	230	5	459

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 459 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
1)Lip	4	1	1	0	0	0	6
2)Buccal mucosa	24	6	7	3	0	1	41
3)Retromolar area	3	3	2	0	0	0	8
4)Gingiva	56	23	4	13	2	2	100
5)Hard palate	11	2	1	0	0	0	14
6)Floor of the mouth	26	8	10	9	0	2	55
7)Tongue	114	52	41	13	1	9	230
9)Oral cavity, NOS	0	4	0	1	0	0	5
Total	238	99	66	39	3	14	459

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Reconstructive Surgery by Subsite

Subsite	(0) No recon.	(1) Pedicle flap	(2) Free flap or jejunum	(3) Free bone graft	(4) Vascu- larized bone graft	(5) (1)+ (2)	(6) (1)+ (3)	(7) (2)+ (3)	(8) (2)+ (4)	(9) Others	No infor- mation	Total
1)Lip	4	1	1	0	0	0	0	0	0	0	0	6
2)Buccal mucosa	18	6	11	0	0	0	0	0	0	6	0	41
3)Retromolar area	3	3	2	0	0	0	0	0	0	0	0	8
4)Gingiva	60	10	16	0	0	0	0	1	1	12	0	100
5)Hard palate	12	0	0	0	0	0	0	1	0	1	0	14
6)Floor of the mouth	27	6	17	0	0	0	0	1	1	3	0	55
7)Tongue	142	24	50	0	0	0	0	0	0	14	0	230
9)Oral cavity, NOS	0	0	3	0	0	0	0	0	2	0	0	5
Total	266	50	100	0	0	0	0	3	4	36	0	459

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
1)Lip	2	2	0	1	0	1	0	6
2)Buccal mucosa	28	13	0	0	0	0	0	41
3)Retromolar area	2	6	0	0	0	0	0	8
4)Gingiva	46	51	0	0	1	0	2	100
5)Hard palate	9	4	0	0	1	0	0	14
6)Floor of the mouth	32	21	0	0	1	0	1	55
7)Tongue	122	68	1	19	1	13	6	230
9)Oral cavity, NOS	2	3	0	0	0	0	0	5
Total	243	168	1	20	4	14	9	459

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
1)Lip	5	0	0	1	0	0	0	0	0	6
2)Buccal mucosa	34	0	1	6	0	0	0	0	0	41
3)Retromolar area	4	0	0	4	0	0	0	0	0	8
4)Gingiva	56	1	9	31	1	0	0	0	2	100
5)Hard palate	8	0	1	5	0	0	0	0	0	14
6)Floor of the mouth	36	0	1	18	0	0	0	0	0	55
7)Tongue	177	0	6	39	0	0	2	0	6	230
9)Oral cavity, NOS	3	0	0	2	0	0	0	0	0	5
Total	323	1	18	106	1	0	2	0	8	459

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Lip	6	0	0	6
2)Buccal mucosa	41	0	0	41
3)Retromolar area	8	0	0	8
4)Gingiva	91	7	2	100
5)Hard palate	14	0	0	14
6)Floor of the mouth	53	2	0	55
7)Tongue	223	1	6	230
9)Oral cavity, NOS	5	0	0	5
Total	441	10	8	459

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 459 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Lip	6	0	0	6
2)Buccal mucosa	41	0	0	41
3)Retromolar area	8	0	0	8
4)Gingiva	98	0	2	100
5)Hard palate	14	0	0	14
6)Floor of the mouth	55	0	0	55
7)Tongue	223	1	6	230
9)Oral cavity, NOS	5	0	0	5
Total	450	1	8	459

NOS: not otherwise specified.

Larynx

333 Cases

Carcinoma of the Larynx ----- 333 Cases

Subsite

Subsite	Number of patients
Glottis	192 (57.7%)
Supraglottis	93 (27.9%)
Subglottis	7 (2.1%)
Larynx, NOS	41 (12.3%)
Total	333 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 333 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	17	1	0	18
50 - 59	66	2	0	68
60 - 69	137	5	0	142
70 - 79	70	7	0	77
80 - 89	24	2	0	26
90 -	0	0	0	0
Unknown	2	0	0	2
Total	316	17	0	333

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Glottis

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	13	1	0	14
50 - 59	46	1	0	47
60 - 69	84	2	0	86
70 - 79	30	3	0	33
80 - 89	10	0	0	10
90 -	0	0	0	0
Unknown	2	0	0	2
Total	185	7	0	192

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Supraglottis

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	1	0	0	1
50 - 59	13	1	0	14
60 - 69	37	3	0	40
70 - 79	27	3	0	30
80 - 89	6	2	0	8
90 -	0	0	0	0
Unknown	0	0	0	0
Total	84	9	0	93

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Subglottis

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	0	0	0	0
50 - 59	0	0	0	0
60 - 69	2	0	0	2
70 - 79	3	0	0	3
80 - 89	2	0	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	7	0	0	7

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Larynx, NOS

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	3	0	0	3
50 - 59	7	0	0	7
60 - 69	14	0	0	14
70 - 79	10	1	0	11
80 - 89	6	0	0	6
90 -	0	0	0	0
Unknown	0	0	0	0
Total	40	1	0	41

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 333 Cases

Histological Distribution by Subsite

Histologic type	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
Papillary ca., NOS	0	1	0	0	1
Verrucous ca., NOS	2	1	0	0	3
S.C.C.-in-situ, NOS	6	0	0	2	8
S.C.C., NOS	120	72	2	32	226
S.C.C., kerat., NOS	59	15	5	7	86
S.C.C., large cell, non-kerat.	5	4	0	0	9
Total	192	93	7	41	333

NOS: not otherwise specified.
kerat.: keratinizing.

ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

Carcinoma of the Larynx ----- 333 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	1	0	0	0	0	0	0	0	1
T1	128	0	0	2	1	2	1	2	136
T2	81	4	0	4	5	5	1 *	0	100
T3	34	4	1	0	5	4	0	0	48
T4	22 *	6	1 *	2	5	7	3	0	46
TX	1	0	0	0	0	0	0	1	2
Total	267	14	2	8	16	18	5	3	333

M1: 3 cases. Each * signifies one M1 case.

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Glottis

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	8	0	0	0	0	0	0	0	8
T1a	76	0	0	0	0	0	0	2	78
T1b	25	0	0	0	1	0	0	0	26
T2	49	2	0	1	2	0	0	0	54
T3	14	0	1	0	2	0	0	0	17
T4	6	1	0	0	0	2	0	0	9
TX	0	0	0	0	0	0	0	0	0
Total	178	3	1	1	5	2	0	2	192

M1: 0 case.

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Supraglottis

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	8	0	0	2	0	2	1	0	13
T2	19	2	0	2	2	5	0	0	30
T3	14	3	0	0	2	3	0	0	22
T4	12	4	1 *	1	3	4	2	0	27
TX	0	0	0	0	0	0	0	1	1
Total	53	9	1	5	7	14	3	1	93

M1: 1 case. Each * signifies one M1 case.

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Subglottis

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	0	0	0	0	0	0	0	0	0
T2	2	0	0	0	0	0	0	0	2
T3	2	0	0	0	0	0	0	0	2
T4	2	1	0	0	0	0	0	0	3
TX	0	0	0	0	0	0	0	0	0
Total	6	1	0	0	0	0	0	0	7

M1: 0 case.

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Larynx, NOS

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	1	0	0	0	0	0	0	0	1
T1	11	0	0	0	0	0	0	0	11
T2	11	0	0	1	1	0	1 *	0	14
T3	4	1	0	0	1	1	0	0	7
T4	2 *	0	0	1	2	1	1	0	7
TX	1	0	0	0	0	0	0	0	1
Total	30	1	0	2	4	2	2	0	41

NOS: not otherwise specified.

M1: 2 cases. Each * signifies one M1 case.

Carcinoma of the Larynx ----- 333 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	3	6	0	1	10
1)Rad. alone	93	28	1	8	130
2)Surg. alone	50	23	2	12	87
3)Preop. rad.	6	5	0	6	17
4)Postop. rad.	4	8	1	0	13
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	2	1	0	1	4
7)Rad.+chem.+surg.	2	6	0	3	11
8)Rad.+chem.	26	7	2	10	45
9)Others	6	9	1	0	16
No information	0	0	0	0	0
Total	192	93	7	41	333

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 333 Cases

Treatment Method for the Primary Lesion by T Classification

Treatment method	T0	Tis	T1	T2	T3	T4	TX	Total
0)No treatment	0	0	1	2	5	2	0	10
1)Rad. alone	0	0	78	39	4	8	1	130
2)Surg. alone	0	1	26	18	21	20	1	87
3)Preop. rad.	0	0	6	5	5	1	0	17
4)Postop. rad.	0	0	1	4	5	3	0	13
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	2	2	0	0	0	4
7)Rad.+chem.+surg.	0	0	1	3	4	3	0	11
8)Rad.+chem.	0	0	17	23	1	4	0	45
9)Others	0	0	4	4	3	5	0	16
No information	0	0	0	0	0	0	0	0
Total	0	1	136	100	48	46	2	333

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Glottis

Treatment Method for the Primary Lesion by T Classification

Treatment method	T0	Tis	T1	T1a	T1b	T2	T3	T4	TX	Total
0)No treatment	0	0	0	0	1	1	1	0	0	3
1)Rad. alone	0	0	5	45	18	22	3	0	0	93
2)Surg. alone	0	0	0	21	2	10	9	8	0	50
3)Preop. rad.	0	0	0	3	0	1	2	0	0	6
4)Postop. rad.	0	0	0	1	0	2	1	0	0	4
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	1	1	0	0	0	0	2
7)Rad.+chem.+surg.	0	0	0	1	0	0	1	0	0	2
8)Rad.+chem.	0	0	2	4	3	16	0	1	0	26
9)Others	0	0	1	2	1	2	0	0	0	6
No information	0	0	0	0	0	0	0	0	0	0
Total	0	0	8	78	26	54	17	9	0	192

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Supraglottis

Treatment Method for the Primary Lesion by T Classification

Treatment method	T0	Tis	T1	T2	T3	T4	TX	Total
0)No treatment	0	0	0	1	4	1	0	6
1)Rad. alone	0	0	8	11	1	7	1	28
2)Surg. alone	0	0	3	6	6	8	0	23
3)Preop. rad.	0	0	1	2	1	1	0	5
4)Postop. rad.	0	0	0	2	4	2	0	8
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	1	0	0	0	1
7)Rad.+chem.+surg.	0	0	0	3	2	1	0	6
8)Rad.+chem.	0	0	1	2	1	3	0	7
9)Others	0	0	0	2	3	4	0	9
No information	0	0	0	0	0	0	0	0
Total	0	0	13	30	22	27	1	93

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Subglottis

Treatment Method for the Primary Lesion by T Classification

Treatment method	T0	Tis	T1	T2	T3	T4	TX	Total
0)No treatment	0	0	0	0	0	0	0	0
1)Rad. alone	0	0	0	0	0	1	0	1
2)Surg. alone	0	0	0	0	2	0	0	2
3)Preop. rad.	0	0	0	0	0	0	0	0
4)Postop. rad.	0	0	0	0	0	1	0	1
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0	0	0	0
7)Rad.+chem.+surg.	0	0	0	0	0	0	0	0
8)Rad.+chem.	0	0	0	2	0	0	0	2
9)Others	0	0	0	0	0	1	0	1
No information	0	0	0	0	0	0	0	0
Total	0	0	0	2	2	3	0	7

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Larynx, NOS

Treatment Method for the Primary Lesion by T Classification

Treatment method	T0	Tis	T1	T2	T3	T4	TX	Total
0)No treatment	0	0	0	0	0	1	0	1
1)Rad. alone	0	0	2	6	0	0	0	8
2)Surg. alone	0	1	0	2	4	4	1	12
3)Preop. rad.	0	0	2	2	2	0	0	6
4)Postop. rad.	0	0	0	0	0	0	0	0
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	1	0	0	0	1
7)Rad.+chem.+surg.	0	0	0	0	1	2	0	3
8)Rad.+chem.	0	0	7	3	0	0	0	10
9)Others	0	0	0	0	0	0	0	0
No information	0	0	0	0	0	0	0	0
Total	0	1	11	14	7	7	1	41

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 333 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0) No surg.	(1) Extended total	(2) Total	(3) Subtotal	(4) Partial	(9) Others	No infor- mation	Total
Glottis (1610)	98	3	32	0	20	39	0	192
Supraglottis (1611)	42	8	34	0	6	3	0	93
Subglottis (1612)	1	0	4	0	0	2	0	7
Larynx, NOS (1619)	19	0	17	0	4	1	0	41
Total	160	11	87	0	30	45	0	333

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 333 Cases

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T2	T3	T4	TX	Total
0)No surgery	0	0	84	51	10	14	1	160
1)Extended total	0	0	0	2	3	6	0	11
2)Total	0	0	7	22	35	23	0	87
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	1	20	9	0	0	0	30
9)Others	0	0	25	16	0	3	1	45
No information	0	0	0	0	0	0	0	0
Total	0	1	136	100	48	46	2	333

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Glottis

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T1a	T1b	T2	T3	T4	TX	Total
0)No surgery	0	0	7	40	19	27	4	1	0	98
1)Extended total	0	0	0	0	0	1	1	1	0	3
2)Total	0	0	0	5	1	7	12	7	0	32
3)Subtotal	0	0	0	0	0	0	0	0	0	0
4)Partial	0	0	0	14	1	5	0	0	0	20
9)Others	0	0	1	19	5	14	0	0	0	39
No information	0	0	0	0	0	0	0	0	0	0
Total	0	0	8	78	26	54	17	9	0	192

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Supraglottis

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T2	T3	T4	TX	Total
0)No surgery	0	0	9	15	6	11	1	42
1)Extended total	0	0	0	1	2	5	0	8
2)Total	0	0	1	11	14	8	0	34
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	3	3	0	0	0	6
9)Others	0	0	0	0	0	3	0	3
No information	0	0	0	0	0	0	0	0
Total	0	0	13	30	22	27	1	93

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Subglottis

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T2	T3	T4	TX	Total
0)No surgery	0	0	0	0	0	1	0	1
1)Extended total	0	0	0	0	0	0	0	0
2)Total	0	0	0	0	2	2	0	4
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	0	0	0	0	0	0
9)Others	0	0	0	2	0	0	0	2
No information	0	0	0	0	0	0	0	0
Total	0	0	0	2	2	3	0	7

Carcinoma of the Larynx ----- 333 Cases

Carcinoma of the Larynx, NOS

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T2	T3	T4	TX	Total
0)No surgery	0	0	9	9	0	1	0	19
1)Extended total	0	0	0	0	0	0	0	0
2)Total	0	0	0	4	7	6	0	17
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	1	2	1	0	0	0	4
9)Others	0	0	0	0	0	0	1	1
No information	0	0	0	0	0	0	0	0
Total	0	1	11	14	7	7	1	41

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 333 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	169	35	5	23	232
1)Rad. alone	4	10	0	1	15
2)Surg. alone	10	20	1	7	38
3)Preop. rad.	2	5	0	3	10
4)Postop. rad.	2	7	0	0	9
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	1	2	0	0	3
7)Rad.+chem.+surg.	1	4	0	3	8
8)Rad.+chem.	2	4	0	4	10
9)Others	1	6	1	0	8
No information	0	0	0	0	0
Total	192	93	7	41	333

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 333 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Glottis (1610)	137	13	8	5	1	28	192
Supraglottis (1611)	41	24	20	3	2	3	93
Subglottis (1612)	1	2	0	1	0	3	7
Larynx, NOS (1619)	27	7	7	0	0	0	41
Total	206	46	35	9	3	34	333

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 333 Cases

Reconstructive Surgery by Subsite

Subsite	(0) No recon.	(1) Pedicle flap	(2) Free flap	(3) Free jejunum	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(9) Others	No infor- mation	Total
Glottis (1610)	154	4	0	0	0	0	0	34	0	192
Supraglottis (1611)	78	3	2	1	0	2	0	7	0	93
Subglottis (1612)	4	0	0	0	0	0	0	3	0	7
Larynx, NOS (1619)	36	3	0	2	0	0	0	0	0	41
Total	272	10	2	3	0	2	0	44	0	333

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 333 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
Glottis (1610)	49	133	0	0	0	0	10	192
Supraglottis (1611)	32	59	0	0	0	0	2	93
Subglottis (1612)	2	5	0	0	0	0	0	7
Larynx, NOS (1619)	15	26	0	0	0	0	0	41
Total	98	223	0	0	0	0	12	333

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 333 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
Glottis (1610)	145	1	0	29	0	0	0	0	17	192
Supraglottis (1611)	71	0	0	19	0	0	0	0	3	93
Subglottis (1612)	4	0	0	2	0	0	0	0	1	7
Larynx, NOS (1619)	29	0	0	12	0	0	0	0	0	41
Total	249	1	0	62	0	0	0	0	21	333

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 333 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Glottis (1610)	158	0	34	192
Supraglottis (1611)	88	1	4	93
Subglottis (1612)	4	0	3	7
Larynx, NOS (1619)	41	0	0	41
Total	291	1	41	333

immuno.: immunotherapy.

NOS: not otherwise specified.

Hypopharynx

103 Cases

Carcinoma of the Hypopharynx ----- 103 Cases

Subsite

Subsite	Number of patients
Postcricoid	13 (12.6%)
Pyriiform sinus	75 (72.8%)
Posterior wall	1 (1.0%)
Cervical esophagus	2 (1.9%)
Hypopharynx, NOS	12 (11.7%)
Total	103 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 103 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	1	0	1
40 - 49	7	4	0	11
50 - 59	21	3	0	24
60 - 69	36	5	0	41
70 - 79	19	3	0	22
80 - 89	3	1	0	4
90 -	0	0	0	0
Unknown	0	0	0	0
Total	86	17	0	103

Carcinoma of the Hypopharynx ----- 103 Cases

Histological Distribution by Subsite

Histologic type	Post-cricoid (1480)	Pyriiform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
S.C.C., NOS	11	50	1	1	10	73
S.C.C., kerat., NOS	2	22	0	1	1	26
S.C.C., large cell, non-kerat.	0	3	0	0	1	4
Total	13	75	1	2	12	103

NOS: not otherwise specified.
kerat.: keratinizing.

S.C.C.: squamous cell carcinoma.

Carcinoma of the Hypopharynx ----- 103 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	4	1	0	1	3	1	0	0	10
T2	12	2	1	0	4	3	0	0	22
T3	6	7	0	1	10 *	8	1	0	33
T4	9 *	6 *	0	1	7	6 *	4 *	0	33
TX	0	0	0	0	0	0	0	5	5
Total	31	16	1	3	24	18	5	5	103

M1: 5 cases. Each * signifies one M1 case.

Carcinoma of the Hypopharynx ----- 103 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Post-cricoid (1480)	Pyriform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
0)No treatment	1	3	1	0	1	6
1)Rad. alone	0	6	0	0	1	7
2)Surg. alone	5	17	0	0	0	22
3)Preop. rad.	0	2	0	0	0	2
4)Postop. rad.	0	2	0	0	0	2
5)Preop. & postop. rad.	0	3	0	0	2	5
6)Rad.→ salvage	2	4	0	0	0	6
7)Rad.+chem.+surg.	1	12	0	0	2	15
8)Rad.+chem.	4	14	0	1	4	23
9)Others	0	12	0	1	2	15
No information	0	0	0	0	0	0
Total	13	75	1	2	12	103

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 103 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0)	(1)	(2)	(3)	(4)	(9)	No infor- mation	Total
	No surg.	Extended total	Total	Subtotal	Partial	Others		
Postcricoid (1480)	5	5	3	0	0	0	0	13
Pyriiform sinus (1481)	30	22	19	0	2	2	0	75
Posterior wall (1483)	1	0	0	0	0	0	0	1
Cervical esophagus (1500)	1	1	0	0	0	0	0	2
Hypopharynx, NOS (1489)	6	0	5	0	0	1	0	12
Total	43	28	27	0	2	3	0	103

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 103 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Post-cricoid (1480)	Pyriform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
0)No treatment	2	15	1	0	5	23
1)Rad. alone	0	2	0	0	0	2
2)Surg. alone	6	17	0	0	0	23
3)Preop. rad.	0	2	0	0	0	2
4)Postop. rad.	0	2	0	0	0	2
5)Preop. & postop. rad.	0	2	0	0	2	4
6)Rad.→ salvage	1	4	0	0	0	5
7)Rad.+chem.+surg.	1	11	0	0	2	14
8)Rad.+chem.	3	9	0	1	1	14
9)Others	0	11	0	1	2	14
No information	0	0	0	0	0	0
Total	13	75	1	2	12	103

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 103 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Postcricoid (1480)	5	7	0	1	0	0	13
Pyriiform sinus (1481)	25	41	6	1	0	2	75
Posterior wall (1483)	1	0	0	0	0	0	1
Cervical esophagus (1500)	1	1	0	0	0	0	2
Hypopharynx, NOS (1489)	5	1	5	0	0	1	12
Total	37	50	11	2	0	3	103

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 103 Cases

Reconstructive Surgery by Subsite

Subsite	(0) No recon.	(1) Pedicled flap	(2) Free flap	(3) Free jejunum	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(9) Others	No infor- mation	Total
Postcricoid (1480)	7	0	2	4	0	0	0	0	0	13
Pyriform sinus (1481)	33	6	8	17	0	2	0	9	0	75
Posterior wall (1483)	1	0	0	0	0	0	0	0	0	1
Cervical esophagus (1500)	1	1	0	0	0	0	0	0	0	2
Hypopharynx, NOS (1489)	8	0	1	2	0	0	0	1	0	12
Total	50	7	11	23	0	2	0	10	0	103

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 103 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
Postcricoid (1480)	6	5	0	0	2	0	0	13
Pyriiform sinus (1481)	28	45	0	0	0	0	2	75
Posterior wall (1483)	1	0	0	0	0	0	0	1
Cervical esophagus (1500)	1	1	0	0	0	0	0	2
Hypopharynx, NOS (1489)	3	9	0	0	0	0	0	12
Total	39	60	0	0	2	0	2	103

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 103 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
Postcricoid (1480)	7	0	0	6	0	0	0	0	0	13
Pyriform sinus (1481)	35	0	0	38	0	0	0	0	2	75
Posterior wall (1483)	1	0	0	0	0	0	0	0	0	1
Cervical esophagus (1500)	0	0	0	2	0	0	0	0	0	2
Hypopharynx, NOS (1489)	4	0	0	8	0	0	0	0	0	12
Total	47	0	0	54	0	0	0	0	2	103

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 103 Cases

Immunotherapy by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without immuno.	With immuno.		
Postcricoid	(1480)	13	0	0	13
Pyriform sinus	(1481)	73	0	2	75
Posterior wall	(1483)	1	0	0	1
Cervical esophagus	(1500)	2	0	0	2
Hypopharynx, NOS	(1489)	12	0	0	12
Total		101	0	2	103

immuno.: immunotherapy.

NOS: not otherwise specified.

Mesopharynx

111 Cases

Carcinoma of the Mesopharynx ----- 111 Cases

Subsite

Subsite	Number of patients
Soft palate	26 (23.4%)
Lateral wall	42 (37.8%)
Posterior wall	9 (8.1%)
Base of the tongue	24 (21.6%)
Mesopharynx, NOS	10 (9.0%)
Total	111 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 111 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	1	0	0	1
30 - 39	1	0	0	1
40 - 49	6	2	0	8
50 - 59	23	4	0	27
60 - 69	39	5	0	44
70 - 79	19	5	0	24
80 - 89	2	3	0	5
90 -	1	0	0	1
Unknown	0	0	0	0
Total	92	19	0	111

Carcinoma of the Mesopharynx ----- 111 Cases

Histological Distribution by Subsite

Histologic type	Soft palate	Lateral wall	Posterior wall	Base of the tongue	Mesopharynx, NOS	Total
Neoplasm, malig.	0	0	1	0	0	1
Carcinoma, NOS	1	0	0	0	0	1
Ca., undiff., NOS	1	0	0	0	0	1
Giant cell and spindle cell ca.	1	0	0	0	0	1
S.C.C., NOS	17	33	7	19	9	85
S.C.C., kerat., NOS	1	7	1	3	1	13
S.C.C., large cell, non-kerat.	0	1	0	0	0	1
S.C.C., small cell, non-kerat.	0	1	0	0	0	1
Adenocarcinoma, NOS	1	0	0	0	0	1
Adenoid cystic ca.	3	0	0	1	0	4
Acinar cell ca.	0	0	0	1	0	1
Mixed tumor, malig., NOS	1	0	0	0	0	1
Total	26	42	9	24	10	111

NOS: not otherwise specified.

undiff.: undifferentiated.

malig.: malignant.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Carcinoma of the Mesopharynx ----- 111 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	11	3	0	2	0	0	1	0	17
T2	31 *	9	0	5	4	3	3	0	55
T3	5	3 *	2	0	6	3	3	1	23
T4	1	1	1	1	4	4	1	0	13
TX	0	0	0	0	1	0	0	2	3
Total	48	16	3	8	15	10	8	3	111

M1: 2 cases. Each * signifies one M1 case.

Carcinoma of the Mesopharynx ----- 111 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Soft palate	Lateral wall	Posterior wall	Base of the tongue	Mesopharynx, NOS	Total
0)No treatment	1	1	0	1	0	3
1)Rad. alone	8	12	1	6	1	28
2)Surg. alone	8	5	1	4	2	20
3)Preop. rad.	0	0	1	1	0	2
4)Postop. rad.	0	1	0	2	0	3
5)Preop. & postop. rad.	0	1	0	0	1	2
6)Rad.→ salvage	1	0	0	0	0	1
7)Rad.+chem.+surg.	2	7	2	4	3	18
8)Rad.+chem.	4	8	2	3	2	19
9)Others	2	7	2	3	1	15
No information	0	0	0	0	0	0
Total	26	42	9	24	10	111

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ----- 111 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0) No surg.	(1) Extended total	(2) Total	(3) Subtotal	(4) Hemi-	(5) Partial	(9) Others	No infor- mation	Total
Soft palate	12	1	7	0	1	4	1	0	26
Lateral wall	25	4	4	0	0	6	3	0	42
Posterior wall	3	1	4	0	0	0	1	0	9
Base of the tongue	13	1	4	2	0	2	2	0	24
Mesopharynx, NOS	1	4	3	0	0	0	2	0	10
Total	54	11	22	2	1	12	9	0	111

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 111 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Soft palate	Lateral wall	Posterior wall	Base of the tongue	Mesopharynx, NOS	Total
0)No treatment	18	11	3	5	5	42
1)Rad. alone	2	8	0	4	1	15
2)Surg. alone	2	6	0	5	3	16
3)Preop. rad.	0	1	1	1	0	3
4)Postop. rad.	0	2	0	0	0	2
5)Preop. & postop. rad.	0	2	0	0	0	2
6)Rad.→ salvage	1	1	1	0	0	3
7)Rad.+chem.+surg.	2	5	2	4	1	14
8)Rad.+chem.	1	3	0	2	0	6
9)Others	0	3	2	3	0	8
No information	0	0	0	0	0	0
Total	26	42	9	24	10	111

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ----- 111 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Soft palate	19	4	1	0	0	2	26
Lateral wall	21	11	5	3	0	2	42
Posterior wall	3	4	1	0	0	1	9
Base of the tongue	9	9	4	0	1	1	24
Mesopharynx, NOS	1	5	0	0	0	4	10
Total	53	33	11	3	1	10	111

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 111 Cases

Reconstructive Surgery by Subsite

Subsite	(0) No recon.	(1) Pedicled flap	(2) Free flap or jejunum	(3) Free bone graft	(4) Vascu- larized bone graft	(5) (1)+ (2)	(6) (1)+ (3)	(7) (2)+ (3)	(8) (2)+ (4)	(9) Others	No infor- mation	Total
Soft palate	17	2	5	0	0	0	0	0	0	2	0	26
Lateral wall	30	3	4	1	0	1	0	0	1	2	0	42
Posterior wall	3	1	4	0	0	0	0	0	0	1	0	9
Base of the tongue	14	4	5	0	0	0	0	0	0	1	0	24
Mesopharynx, NOS	2	2	2	0	0	0	0	0	0	4	0	10
Total	66	12	20	1	0	1	0	0	1	10	0	111

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 111 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
Soft palate	10	13	0	1	1	1	0	26
Lateral wall	9	30	0	0	0	1	2	42
Posterior wall	3	5	0	0	0	0	1	9
Base of the tongue	7	17	0	0	0	0	0	24
Mesopharynx, NOS	2	8	0	0	0	0	0	10
Total	31	73	0	1	1	2	3	111

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 111 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
Soft palate	18	0	2	6	0	0	0	0	0	26
Lateral wall	18	0	5	18	0	0	0	0	1	42
Posterior wall	3	0	0	5	0	0	0	0	1	9
Base of the tongue	13	0	0	11	0	0	0	0	0	24
Mesopharynx, NOS	5	0	0	5	0	0	0	0	0	10
Total	57	0	7	45	0	0	0	0	2	111

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 111 Cases

Immunotherapy by Subsite

Subsite	(0)	(1)	No infor- mation	Total
	Without immuno.	With immuno.		
Soft palate	26	0	0	26
Lateral wall	41	0	1	42
Posterior wall	8	0	1	9
Base of the tongue	24	0	0	24
Mesopharynx, NOS	10	0	0	10
Total	109	0	2	111

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 111 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
Soft palate	26	0	0	26
Lateral wall	41	0	1	42
Posterior wall	8	0	1	9
Base of the tongue	24	0	0	24
Mesopharynx, NOS	10	0	0	10
Total	109	0	2	111

NOS: not otherwise specified.

Nasopharynx

51 Cases

Carcinoma of the Nasopharynx ----- 51 Cases

Subsite

Subsite	Number of patients
Postero-superior wall	25 (49.0%)
Lateral wall	9 (17.6%)
Inferior wall	1 (2.0%)
Nasopharynx, NOS	16 (31.4%)
Total	51 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 51 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	2	0	0	2
20 - 29	5	1	0	6
30 - 39	2	1	0	3
40 - 49	2	5	0	7
50 - 59	10	2	0	12
60 - 69	12	4	0	16
70 - 79	3	1	0	4
80 - 89	0	1	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	36	15	0	51

Carcinoma of the Nasopharynx ----- 51Cases

Histological Distribution by Subsite

Histologic type	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
Ca., undiff., NOS	7	3	0	3	13
S.C.C., NOS	13	4	1	7	25
S.C.C., kerat., NOS	1	1	0	1	3
S.C.C., large cell, non-kerat.	3	1	0	1	5
S.C.C., small cell, non-kerat.	0	0	0	1	1
S.C.C., spindle cell	1	0	0	1	2
Adenocarcinoma, NOS	0	0	0	2	2
Total	25	9	1	16	51

NOS: not otherwise specified.
undiff.: undifferentiated.
kerat.: keratinizing.

Ca.: carcinoma.
S.C.C.: squamous cell carcinoma.

Carcinoma of the Nasopharynx ----- 51 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	1	0	0	0	2	4	0	0	7
T2	6	4	0	2	5	3	2	0	22
T3	2	1	0	0	0	4	0	0	7
T4	5 *	1	0	0	1	6	2	0	15
TX	0	0	0	0	0	0	0	0	0
Total	14	6	0	2	8	17	4	0	51

M1: 1 case. Each * signifies one M1 case.

Carcinoma of the Nasopharynx ----- 51 Cases

Cranial Nerve Palsy

Without cranial nerve palsy 41 cases
 With cranial nerve palsy 10 cases

Cranial nerve	Right		Left	
	Incomplete palsy	Complete palsy	Incomplete palsy	Complete palsy
I	0	0	1	0
II	0	1	1	0
III	0	0	0	0
IV	0	0	0	0
V	0	1	0	1
VI	0	2	0	1
VII	0	0	1	0
VIII	0	0	0	1
IX	0	1	0	0
X	0	0	0	1
XI	0	0	0	0
XII	0	0	0	0

Carcinoma of the Nasopharynx ----- 51 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
0)No treatment	0	0	0	0	0
1)Rad. alone	5	3	0	0	8
2)Surg. alone	0	0	0	1	1
3)Preop. rad.	0	0	0	0	0
4)Postop. rad.	0	0	1	0	1
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0
7)Rad.+chem.+surg.	0	0	0	2	2
8)Rad.+chem.	18	6	0	12	36
9)Others	2	0	0	1	3
No information	0	0	0	0	0
Total	25	9	1	16	51

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 51 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0) Without surgery	(1) With surgery	No infor- mation	Total
Postero-superior wall	23	0	2	25
Lateral wall	9	0	0	9
Inferior wall	0	1	0	1
Nasopharynx, NOS	12	2	2	16
Total	44	3	4	51

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 51 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
0)No treatment	5	4	1	6	16
1)Rad. alone	3	2	0	0	5
2)Surg. alone	0	0	0	0	0
3)Preop. rad.	0	0	0	0	0
4)Postop. rad.	0	0	0	0	0
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	1	1	0	1	3
7)Rad.+chem.+surg.	1	0	0	2	3
8)Rad.+chem.	15	2	0	7	24
9)Others	0	0	0	0	0
No information	0	0	0	0	0
Total	25	9	1	16	51

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 51 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Postero-superior wall	20	3	0	0	0	2	25
Lateral wall	7	1	0	0	1	0	9
Inferior wall	1	0	0	0	0	0	1
Nasopharynx, NOS	11	2	0	0	1	2	16
Total	39	6	0	0	2	4	51

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 51 Cases

Reconstructive Surgery by Subsite

Subsite	(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Postero-superior wall	23	0	2	25
Lateral wall	9	0	0	9
Inferior wall	1	0	0	1
Nasopharynx, NOS	13	0	3	16
Total	46	0	5	51

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 51 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
Postero-superior wall	1	20	0	0	1	1	2	25
Lateral wall	0	9	0	0	0	0	0	9
Inferior wall	0	1	0	0	0	0	0	1
Nasopharynx, NOS	1	15	0	0	0	0	0	16
Total	2	45	0	0	1	1	2	51

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 51 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
Postero-superior wall	4	0	0	19	0	0	0	0	2	25
Lateral wall	3	0	0	6	0	0	0	0	0	9
Inferior wall	1	0	0	0	0	0	0	0	0	1
Nasopharynx, NOS	1	0	0	14	0	0	1	0	0	16
Total	9	0	0	39	0	0	1	0	2	51

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 51 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Postero-superior wall	23	0	2	25
Lateral wall	9	0	0	9
Inferior wall	1	0	0	1
Nasopharynx, NOS	16	0	0	16
Total	49	0	2	51

immuno.: immunotherapy.

NOS: not otherwise specified.

Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus

12 Cases

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the
Maxillary Sinus ----- 12 Cases

Subsite

Subsite	Number of patients
Nasal cavity	5 (41.7%)
Ethmoid sinus	0 (0.0%)
Frontal sinus	7 (58.3%)
Sphenoid sinus	0 (0.0%)
Paranasal sinus, NOS	0 (0.0%)
Total	12 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses
Excluding the Maxillary Sinus ----- 12 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	1	0	0	1
40 - 49	0	1	0	1
50 - 59	4	0	0	4
60 - 69	3	2	0	5
70 - 79	1	0	0	1
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	9	3	0	12

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 12 Cases

Histological Distribution by Subsite

Histologic type	Nasal cavity (1600)	Ethmoid sinus (1603)	Frontal sinus (1604)	Sphenoid sinus (1605)	Paranasal sinus, NOS (1609)	Total
Neoplasm, malig.	1	0	1	0	0	2
Ca., undiff., NOS	1	0	1	0	0	2
Papillary S.C.C.	1	0	0	0	0	1
S.C.C., NOS	1	0	4	0	0	5
S.C.C., kerat., NOS	1	0	0	0	0	1
Adenoid cystic ca.	0	0	1	0	0	1
Total	5	0	7	0	0	12

NOS: not otherwise specified.

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

malig.: malignant.

undiff.: undifferentiated.

kerat.: keratinizing.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 12 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Nasal cavity (1600)	Ethmoid sinus (1603)	Frontal sinus (1604)	Sphenoid sinus (1605)	Paranasal sinus, NOS (1609)	Total
0)No treatment	0	0	0	0	0	0
1)Rad. alone	0	0	0	0	0	0
2)Surg. alone	1	0	1	0	0	2
3)Preop. rad.	0	0	0	0	0	0
4)Postop. rad.	0	0	0	0	0	0
5)Preop. & postop. rad.	0	0	1	0	0	1
6)Rad.→salvage	0	0	0	0	0	0
7)Rad.+chem.+surg.	2	0	2	0	0	4
8)Rad.+chem.	2	0	2	0	0	4
9)Others	0	0	1	0	0	1
No information	0	0	0	0	0	0
Total	5	0	7	0	0	12

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasal Cavity and Paranasal Sinuses
Excluding the Maxillary Sinus ----- 12 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite		(0) Without surgery	(1) With surgery	No infor- mation	Total
Nasal cavity	(1600)	2	3	0	5
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	1	6	0	7
Sphenoid sinus	(1605)	0	0	0	0
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		3	9	0	12

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 12 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Nasal cavity (1600)	Ethmoid sinus (1603)	Frontal sinus (1604)	Sphenoid sinus (1605)	Paranasal sinus, NOS (1609)	Total
0)No treatment	3	0	7	0	0	10
1)Rad. alone	0	0	0	0	0	0
2)Surg. alone	0	0	0	0	0	0
3)Preop. rad.	0	0	0	0	0	0
4)Postop. rad.	0	0	0	0	0	0
5)Preop. & postop. rad.	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0	0
7)Rad.+chem.+surg.	0	0	0	0	0	0
8)Rad.+chem.	2	0	0	0	0	2
9)Others	0	0	0	0	0	0
No information	0	0	0	0	0	0
Total	5	0	7	0	0	12

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 12 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Nasal cavity (1600)	5	0	0	0	0	0	5
Ethmoid sinus (1603)	0	0	0	0	0	0	0
Frontal sinus (1604)	6	1	0	0	0	0	7
Sphenoid sinus (1605)	0	0	0	0	0	0	0
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0
Total	11	1	0	0	0	0	12

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 12 Cases

Reconstructive Surgery by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without reconstruction	With reconstruction		
Nasal cavity	(1600)	3	2	0	5
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	5	2	0	7
Sphenoid sinus	(1605)	0	0	0	0
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		8	4	0	12

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 12 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
Nasal cavity (1600)	1	4	0	0	0	0	0	5
Ethmoid sinus (1603)	0	0	0	0	0	0	0	0
Frontal sinus (1604)	1	6	0	0	0	0	0	7
Sphenoid sinus (1605)	0	0	0	0	0	0	0	0
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0
Total	2	10	0	0	0	0	0	12

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 12 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
Nasal cavity (1600)	1	0	1	3	0	0	0	0	0	5
Ethmoid sinus (1603)	0	0	0	0	0	0	0	0	0	0
Frontal sinus (1604)	3	0	1	3	0	0	0	0	0	7
Sphenoid sinus (1605)	0	0	0	0	0	0	0	0	0	0
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0	0	0
Total	4	0	2	6	0	0	0	0	0	12

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 12 Cases

Immunotherapy by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without immuno.	With immuno.		
Nasal cavity	(1600)	5	0	0	5
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	7	0	0	7
Sphenoid sinus	(1605)	0	0	0	0
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		12	0	0	12

immuno.: immunotherapy.

NOS: not otherwise specified.

Maxillary Sinus

64 Cases

Carcinoma of the Maxillary Sinus ----- 64 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	1	0	0	1
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	1	1	0	2
40 - 49	6	0	0	6
50 - 59	11	5	0	16
60 - 69	16	2	0	18
70 - 79	4	8	0	12
80 - 89	4	5	0	9
90 -	0	0	0	0
Unknown	0	0	0	0
Total	43	21	0	64

Carcinoma of the Maxillary Sinus ----- 64 Cases

Histological Distribution

Histologic type	Number of patients
Neoplasm, malig.	2 (3.1%)
Carcinoma, NOS	1 (1.6%)
Ca., undiff., NOS	3 (4.7%)
Papillary S.C.C.	1 (1.6%)
S.C.C., NOS	41 (64.1%)
S.C.C., kerat., NOS	8 (12.5%)
S.C.C., large cell, non-kerat.	1 (1.6%)
S.C.C., spindle cell	1 (1.6%)
Adenocarcinoma, NOS	1 (1.6%)
Adenoid cystic ca.	2 (3.1%)
Mucoepidermoid ca.	2 (3.1%)
Fibrous histiocytooma, malig.	1 (1.6%)
Total	64 (100.0%)

malig.: malignant.

NOS: not otherwise specified.

Ca., ca.: carcinoma.

undiff.: undifferentiated.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Maxillary Sinus ----- 64 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	0	0	0	1	0	0	0	0	1
T2	6	1 *	0	0	0	0	0	0	7
T3	18	3	0	0	1	0	0	0	22
T4	26	4	0	0	2	1	0	1	34
TX	0	0	0	0	0	0	0	0	0
Total	50	8	0	1	3	1	0	1	64

M1: 1 case. Each * signifies one M1 case.

Carcinoma of the Maxillary Sinus ----- 64 Cases

Treatment Method for the Primary Lesion

Treatment method	Number of patients
0)No treatment	3 (4.7%)
1)Rad. alone	2 (3.1%)
2)Surg. alone	2 (3.1%)
3)Preop. rad.	2 (3.1%)
4)Postop. rad.	2 (3.1%)
5)Preop. & postop. rad.	3 (4.7%)
6)Rad.→ salvage	2 (3.1%)
7)Rad.+chem.+surg.	36 (56.3%)
8)Rad.+chem.	7 (10.9%)
9)Others	5 (7.8%)
No information	0 (0.0%)
Total	64 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 64 Cases

Method of Surgery for the Primary Lesion

Method of Surgery	Number of patients
0)No surgery	11 (17.2%)
1)Extended total maxillectomy	14 (21.9%)
2)Total maxillectomy	13 (20.3%)
3)Subtotal maxillectomy	6 (9.4%)
4)Partial maxillectomy	15 (23.4%)
9)Others	5 (7.8%)
No information	0 (0.0%)
Total	64 (100.0%)

Carcinoma of the Maxillary Sinus ----- 64 Cases

Treatment Method for the Cervical Nodes

Treatment method	Number of patients
0)No treatment	53 (82.8%)
1)Rad. alone	0 (0.0%)
2)Surg. alone	8 (12.5%)
3)Preop. rad.	1 (1.6%)
4)Postop. rad.	1 (1.6%)
5)Preop. & postop. rad.	0 (0.0%)
6)Rad.→ salvage	0 (0.0%)
7)Rad.+chem.+surg.	0 (0.0%)
8)Rad.+chem.	1 (1.6%)
9)Others	0 (0.0%)
No information	0 (0.0%)
Total	64 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 64 Cases

Neck Dissection

Neck dissection	Number of patients
0)No neck dissection	49 (76.6%)
1)Radical neck dissection	8 (12.5%)
2)Conservative neck dissection	3 (4.7%)
3)Partial neck dissection	0 (0.0%)
4)Enucleation	0 (0.0%)
No information	4 (6.3%)
Total	64 (100.0%)

Carcinoma of the Maxillary Sinus ----- 64 Cases

Reconstructive Surgery

Reconstructive surgery	Number of patients
0)No reconstruction	44 (68.8%)
1)Pedicled flap	1 (1.6%)
2)Free flap	7 (10.9%)
3)Free bone graft	0 (0.0%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	5 (7.8%)
9)Others	7 (10.9%)
No information	0 (0.0%)
Total	64 (100.0%)

Carcinoma of the Maxillary Sinus ----- 64 Cases

Radiotherapy for the Primary Lesion

Radiotherapy	Number of patients
0)No radiotherapy	6 (9.4%)
1)External radiotherapy	57 (89.1%)
2)Intracavitary radiotherapy	0 (0.0%)
3)Interstitial radiotherapy	0 (0.0%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	0 (0.0%)
No information	1 (1.6%)
Total	64 (100.0%)

Carcinoma of the Maxillary Sinus ----- 64 Cases

Total Dose of Irradiation

Dose(Gy)	Number of patients
No R.T.	6 (9.4%)
0 <-< 10	0 (0.0%)
10 <-< 20	7 (10.9%)
20 <-< 30	1 (1.6%)
30 <-< 40	6 (9.4%)
40 <-< 50	11 (17.2%)
50 <-< 60	13 (20.3%)
60 <-< 70	14 (21.9%)
70 <-< 80	3 (4.7%)
80 <-< 90	1 (1.6%)
90 -	1 (1.6%)
Dose unknown	0 (0.0%)
No information	1 (1.6%)
Total	64 (100.0%)

0 <-< 40 Gy 24.6% of irradiated patients
0 <-< 50 Gy 43.9% of irradiated patients
0 <-< 60 Gy 66.7% of irradiated patients

R.T.: radiotherapy.

Carcinoma of the Maxillary Sinus ----- 64 Cases

Chemotherapy

Chemotherapy	Number of patients
0)No chemotherapy	15 (23.4%)
1)Topical	0 (0.0%)
2)Arterial	34 (53.1%)
3)Systemic	10 (15.6%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	4 (6.3%)
7) 1)+2)+3)	0 (0.0%)
No information	1 (1.6%)
Total	64 (100.0%)

Carcinoma of the Maxillary Sinus ----- 64 Cases

Immunotherapy

Immunotherapy	Number of patients
0)Without immunotherapy	61 (95.3%)
1)With immunotherapy	2 (3.1%)
No information	1 (1.6%)
Total	64 (100.0%)

Carcinoma of the Maxillary Sinus ----- 64 Cases

Cryosurgery

Cryosurgery	Number of patients
0)Without cryosurgery	62 (96.9%)
1)With cryosurgery	1 (1.6%)
No information	1 (1.6%)
Total	64 (100.0%)