

頭頸部TNM分類研究資料

(1996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

(1996 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

1996年度症例登録施設（23施設）

耳鼻咽喉科

旭川医科大学
千葉大学医学部
東京大学医学部
日本医科大学
東京医科大学
東京慈恵会医科大学
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福井医科大学
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大阪府立成人病センター
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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
国立がんセンター中央病院

Total Cases

1067 Cases

Head and Neck Carcinoma ----- 1067 Cases

Primary Site

Site	Number of patients
1)Oral cavity	410 (38.4%)
2)Larynx	285 (26.7%)
3)Hypopharynx	139 (13.0%)
4)Mesopharynx	111 (10.4%)
5)Nasopharynx	46 (4.3%)
6)Nasal cavity, <i>etc</i> .	17 (1.6%)
7)Maxillary sinus	59 (5.5%)
Total	1067 (100.0%)

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

Head and Neck Carcinoma ----- 1067 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	3	0	0	3
10 - 19	3	0	0	3
20 - 29	3	7	0	10
30 - 39	18	12	0	30
40 - 49	84	26	0	110
50 - 59	209	41	0	250
60 - 69	296	64	0	360
70 - 79	177	47	0	224
80 - 89	47	24	0	71
90 -	3	3	0	6
Unknown	0	0	0	0
Total	843	224	0	1067

Head and Neck Carcinoma ----- 1067 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.	3	1	1	0	0	2	6	13
Carcinoma, NOS	1	0	2	0	1	0	2	6
Ca., undiff., NOS	2	0	0	3	8	0	3	16
Verrucous ca., NOS	10	2	0	0	0	0	0	12
S.C.C.-in-situ, NOS	7	5	0	3	1	0	0	16
S.C.C., NOS	242	213	71	70	25	7	38	666
S.C.C., kerat., NOS	127	56	63	26	4	1	2	279
S.C.C., large cell, non-kerat.	3	2	2	2	3	1	1	14
S.C.C., small cell, non-kerat.	0	0	0	0	1	0	3	4
S.C.C., spindle cell	0	3	0	0	1	0	0	4
S.C.C.-in-situ with quest. stromal invasion	0	1	0	0	0	0	0	1
Transitional cell carcinoma, NOS	0	0	0	0	2	0	0	2
Adenocarcinoma, NOS	4	0	0	1	0	1	2	8
Adenoid cystic ca.	1	2	0	2	0	2	2	9
Mucoepidermoid ca.	9	0	0	4	0	0	0	13
Malignant melanoma, NOS	0	0	0	0	0	2	0	2
Fibromyxosarcoma	1	0	0	0	0	0	0	1
Plasmacytoma, NOS	0	0	0	0	0	1	0	1
Unknown	0	0	0	0	0	0	0	0
Total	410	285	139	111	46	17	59	1067

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 ----- 1067 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, <i>etc.</i>	(7) Maxillary sinus	Total
Neoplasm, malig.	2	1	0	0	0	0	4	7
Carcinoma, NOS	1	0	1	0	1	0	2	5
Ca., undiff., NOS	2	0	0	3	4	0	3	12
Verrucous ca., NOS	4	2	0	0	0	0	0	6
S.C.C.-in-situ, NOS	6	5	0	3	1	0	0	15
S.C.C., NOS	167	195	60	59	21	6	28	536
S.C.C., kerat., NOS	83	54	58	25	3	1	1	225
S.C.C., large cell, non-kerat.	2	2	2	1	3	1	1	12
S.C.C., small cell, non-kerat.	0	0	0	0	1	0	1	2
S.C.C., spindle cell	0	3	0	0	1	0	0	4
S.C.C.-in-situ with quest. stromal invasion	0	1	0	0	0	0	0	1
Transitional cell carcinoma, NOS	0	0	0	0	1	0	0	1
Adenocarcinoma, NOS	3	0	0	0	0	0	2	5
Adenoid cystic ca.	0	2	0	0	0	1	1	4
Mucoepidermoid ca.	4	0	0	2	0	0	0	6
Malignant melanoma, NOS	0	0	0	0	0	2	0	2
Fibromyxosarcoma	0	0	0	0	0	0	0	0
Plasmacytoma, NOS	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	274	265	121	93	36	11	43	843

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 ----- 1067 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	1	0	0	2	2	6
Carcinoma, NOS	0	0	1	0	0	0	0	1
Ca., undiff., NOS	0	0	0	0	4	0	0	4
Verrucous ca., NOS	6	0	0	0	0	0	0	6
S.C.C.-in-situ, NOS	1	0	0	0	0	0	0	1
S.C.C., NOS	75	18	11	11	4	1	10	130
S.C.C., kerat., NOS	44	2	5	1	1	0	1	54
S.C.C., large cell, non-kerat.	1	0	0	1	0	0	0	2
S.C.C., small cell, non-kerat.	0	0	0	0	0	0	2	2
S.C.C., spindle cell	0	0	0	0	0	0	0	0
S.C.C.-in-situ with quest. stromal invasion	0	0	0	0	0	0	0	0
Transitional cell carcinoma, NOS	0	0	0	0	1	0	0	1
Adenocarcinoma, NOS	1	0	0	1	0	1	0	3
Adenoid cystic ca.	1	0	0	2	0	1	1	5
Mucoepidermoid ca.	5	0	0	2	0	0	0	7
Malignant melanoma, NOS	0	0	0	0	0	0	0	0
Fibromyxosarcoma	1	0	0	0	0	0	0	1
Plasmacytoma, NOS	0	0	0	0	0	1	0	1
Unknown	0	0	0	0	0	0	0	0
Total	136	20	18	18	10	6	16	224

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 ----- 1067 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	237	11	0	4	6	6	4	13	281
T2	243	43	2	14	36	24	16	24	402
T3	77	33	2	9	16	25	6	4	172
T4	63	22	5	7	28	48	13	6	192
TX	6	0	0	0	0	0	0	13	19
Total	627	109	9	34	86	103	39	60	1067

Head and Neck Carcinoma ----- 1067 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	230	10	0	3	6	6	3	12	270
T2	236	41	2	13	32	24	11	23	382
T3	71	32	1	7	12	20	5	4	152
T4	60	22	5	6	24	40	8	5	170
TX	5	0	0	0	0	0	0	0	5
Total	603	105	8	29	74	90	27	44	980

Head and Neck Carcinoma ----- 1067 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	0	0	0	0	0	0	4	0	4
T3	0	0	0	2	1	1	0	0	4
T4	0	0	0	0	0	4	4	0	8
TX	0	0	0	0	0	0	0	0	0
Total	0	0	0	2	1	5	8	0	16

Head and Neck Carcinoma ----- 1067 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	7	1	0	1	0	0	1	1	11
T2	7	2	0	1	4	0	1	1	16
T3	6	1	1	0	3	4	1	0	16
T4	3	0	0	1	4	4	1	1	14
TX	1	0	0	0	0	0	0	13	14
Total	24	4	1	3	11	8	4	16	71

Head and Neck Carcinoma ----- 1067 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	9	8	4	3	0	1	4	29
1)Rad. alone	58	133	31	31	21	6	6	286
2)Surg. alone	201	55	35	24	0	2	6	323
3)Preop. rad.	43	13	6	5	0	0	5	72
4)Postop. rad.	9	12	9	4	0	0	3	37
5)Preop. & postop. rad.	4	1	3	2	0	0	6	16
6)Rad.→ salvage	4	7	2	1	0	0	1	15
7)Rad.+chem.+surg.	30	7	7	4	0	5	21	74
8)Rad.+chem.	13	40	23	24	24	2	1	127
9)Others	39	9	19	13	1	1	6	88
No information	0	0	0	0	0	0	0	0
Total	410	285	139	111	46	17	59	1067

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 ----- 1067 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	75	24	55	26	39	169	22	0	410
2)Larynx	173	15	51	1	0	7	38	0	285
3)Hypopharynx	56	15	45	0	0	7	16	0	139
4)Mesopharynx	53	6	19	6	1	13	13	0	111
5)Nasopharynx	45	0	0	0	0	0	0	1	46
6)Nasal cavity, etc .	10	0	0	0	0	0	7	0	17
7)Maxillary sinus	15	14	17	4	0	6	3	0	59
Total	427	74	187	37	40	202	99	1	1067

surg.: surgery.

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

Head and Neck Carcinoma ----- 1067 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	207	217	31	35	10	15	46	561
1)Rad. alone	19	9	17	15	17	0	2	79
2)Surg. alone	83	29	34	13	0	1	4	164
3)Preop. rad.	29	8	6	7	0	0	0	50
4)Postop. rad.	10	5	8	7	0	0	0	30
5)Preop. & postop. rad.	3	1	2	1	1	0	0	8
6)Rad.→ salvage	1	2	3	3	0	0	1	10
7)Rad.+chem.+surg.	24	8	12	5	2	1	4	56
8)Rad.+chem.	9	5	16	17	16	0	0	63
9)Others	25	1	10	8	0	0	2	46
No information	0	0	0	0	0	0	0	0
Total	410	285	139	111	46	17	59	1067

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 ----- 1067 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	199	81	73	32	2	23	410
2)Larynx	213	33	23	3	0	13	285
3)Hypopharynx	49	47	25	2	0	16	139
4)Mesopharynx	56	20	21	0	0	14	111
5)Nasopharynx	42	3	0	0	1	0	46
6)Nasal cavity, <i>etc</i> .	15	1	1	0	0	0	17
7)Maxillary sinus	45	5	4	1	1	3	59
Total	619	190	147	38	4	69	1067

N.D.: neck dissection.

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

Head and Neck Carcinoma ----- 1067 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	225	32	97	1	1	2	0	2	3	47	0	410
2)Larynx	249	10	9	0	0	1	0	0	0	16	0	285
3)Hypopharynx	68	2	45	0	0	0	0	0	0	24	0	139
4)Mesopharynx	69	2	26	0	0	0	0	0	0	14	0	111
5)Nasopharynx	45	0	0	0	0	0	0	0	0	0	1	46
6)Nasal cavity, <i>etc</i> .	15	0	0	0	0	0	0	0	0	2	0	17
7)Maxillary sinus	41	0	12	0	0	0	1	1	0	4	0	59
Total	712	46	189	1	1	3	1	3	3	107	1	1067

recon.: reconstruction.

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

Head and Neck Carcinoma ----- 1067 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	213	141	1	17	1	14	23	410
2)Larynx	66	215	0	0	0	0	4	285
3)Hypopharynx	39	80	0	0	0	0	20	139
4)Mesopharynx	32	62	0	0	0	3	14	111
5)Nasopharynx	3	42	0	0	0	1	0	46
6)Nasal cavity, <i>etc</i> .	5	12	0	0	0	0	0	17
7)Maxillary sinus	14	43	0	0	0	0	2	59
Total	372	595	1	17	1	18	63	1067

R.T.: radiotherapy.

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

Head and Neck Carcinoma ----- 1067 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	276	4	5	90	0	0	1	0	34	410
2)Larynx	225	1	0	49	0	0	0	0	10	285
3)Hypopharynx	58	1	0	48	1	0	0	0	31	139
4)Mesopharynx	57	1	0	36	0	0	1	1	15	111
5)Nasopharynx	22	0	0	24	0	0	0	0	0	46
6)Nasal cavity, <i>etc</i> .	9	1	2	5	0	0	0	0	0	17
7)Maxillary sinus	25	0	9	14	2	0	6	1	2	59
Total	672	8	16	266	3	0	8	2	92	1067

chem.: chemotherapy.

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

Head and Neck Carcinoma ----- 1067 Cases

Immunotherapy by Primary Site

Primary Site	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Oral cavity	377	1	32	410
2)Larynx	276	0	9	285
3)Hypopharynx	108	1	30	139
4)Mesopharynx	94	0	17	111
5)Nasopharynx	46	0	0	46
6)Nasal cavity, <i>etc</i> .	16	1	0	17
7)Maxillary sinus	57	0	2	59
Total	974	3	90	1067

immuno.: immunotherapy.

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

Head and Neck Carcinoma ----- 1067 Cases

Cryosurgery by Primary Site

Primary Site	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Oral cavity	375	1	34	410
2)Larynx	276	0	9	285
3)Hypopharynx	109	0	30	139
4)Mesopharynx	94	0	17	111
5)Nasopharynx	46	0	0	46
6)Nasal cavity, <i>etc</i> .	17	0	0	17
7)Maxillary sinus	57	0	2	59
Total	974	1	92	1067

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

Oral Cavity

410 Cases

Carcinoma of the Oral Cavity ----- 410 Cases

Subsite

Subsite	Number of patients
1)Lip	5 (1.2%)
2)Buccal mucosa	36 (8.8%)
3)Retromolar area	9 (2.2%)
4)Gingiva	84 (20.5%)
5)Hard palate	11 (2.7%)
6)Floor of the mouth	47 (11.5%)
7)Tongue	217 (52.9%)
9)Oral cavity, NOS	1 (0.2%)
Total	410 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 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	2	5	0	7
30 - 39	14	8	0	22
40 - 49	35	14	0	49
50 - 59	71	25	0	96
60 - 69	85	39	0	124
70 - 79	46	29	0	75
80 - 89	19	13	0	32
90 -	1	3	0	4
Unknown	0	0	0	0
Total	274	136	0	410

Carcinoma of the Oral Cavity ----- 410 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	1	0	0	1
60 - 69	0	0	0	0
70 - 79	2	2	0	4
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	3	2	0	5

Carcinoma of the Oral Cavity ----- 410 Cases

Carcinoma of the Buccal Mucosa

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	0	0	1
40 - 49	1	0	0	1
50 - 59	8	1	0	9
60 - 69	8	5	0	13
70 - 79	3	4	0	7
80 - 89	3	1	0	4
90 -	0	0	0	0
Unknown	0	0	0	0
Total	25	11	0	36

Carcinoma of the Oral Cavity ----- 410 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	0	0	0	0
50 - 59	2	0	0	2
60 - 69	2	1	0	3
70 - 79	2	0	0	2
80 - 89	2	0	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	8	1	0	9

Carcinoma of the Oral Cavity ----- 410 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	1	0	0	1
40 - 49	5	5	0	10
50 - 59	11	6	0	17
60 - 69	15	11	0	26
70 - 79	13	8	0	21
80 - 89	5	3	0	8
90 -	0	1	0	1
Unknown	0	0	0	0
Total	50	34	0	84

Carcinoma of the Oral Cavity ----- 410 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	0	1	0	1
30 - 39	0	2	0	2
40 - 49	0	0	0	0
50 - 59	0	1	0	1
60 - 69	2	1	0	3
70 - 79	2	2	0	4
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	4	7	0	11

Carcinoma of the Oral Cavity ----- 410 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	4	0	0	4
50 - 59	13	1	0	14
60 - 69	17	2	0	19
70 - 79	7	0	0	7
80 - 89	1	2	0	3
90 -	0	0	0	0
Unknown	0	0	0	0
Total	42	5	0	47

Carcinoma of the Oral Cavity ----- 410 Cases

Carcinoma of the Tongue

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	2	4	0	6
30 - 39	12	6	0	18
40 - 49	25	9	0	34
50 - 59	36	16	0	52
60 - 69	40	19	0	59
70 - 79	17	13	0	30
80 - 89	8	7	0	15
90 -	1	2	0	3
Unknown	0	0	0	0
Total	141	76	0	217

Carcinoma of the Oral Cavity ----- 410 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	0	0	0	0
60 - 69	1	0	0	1
70 - 79	0	0	0	0
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	1	0	0	1

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 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	1	0	1	0	1	0	0	3
Carcinoma, NOS	0	0	0	0	1	0	0	0	1
Ca., undiff., NOS	0	0	0	0	0	1	1	0	2
Verrucous ca., NOS	1	2	0	4	0	0	3	0	10
S.C.C.-in-situ, NOS	0	2	0	0	0	0	5	0	7
S.C.C., NOS	2	18	4	45	4	29	139	1	242
S.C.C., kerat., NOS	2	11	2	34	0	13	65	0	127
S.C.C., large cell, non-kerat.	0	0	0	0	0	1	2	0	3
Adenocarcinoma, NOS	0	1	1	0	0	1	1	0	4
Adenoid cystic ca.	0	0	0	0	1	0	0	0	1
Mucoepidermoid ca.	0	1	2	0	4	1	1	0	9
Fibromyxosarcoma	0	0	0	0	1	0	0	0	1
Unknown	0	0	0	0	0	0	0	0	0
Total	5	36	9	84	11	47	217	1	410

malig.: malignant.

undiff.: undifferentiated.

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Carcinoma of the Oral Cavity ----- 410 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	92	6	0	0	0	0	0	8	106
T2	118	27	0	1	10	5	2 *	9	172
T3	29	17	2	1	7 *	6	1	3	66
T4	19	13	0	3	12	15	1	2	65
TX	0	0	0	0	0	0	0	1	1
Total	258	63	2	5	29	26	4	23	410

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

Carcinoma of the Oral Cavity ----- 410 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	2	0	0	0	0	0	0	0	2
T2	2	0	0	0	0	0	0	0	2
T3	1	0	0	0	0	0	0	0	1
T4	0	0	0	0	0	0	0	0	0
TX	0	0	0	0	0	0	0	0	0
Total	5	0	0	0	0	0	0	0	5

M1: 0 case.

Carcinoma of the Oral Cavity ----- 410 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	7	1	0	0	0	0	0	0	8
T2	10	6	0	0	0	0	0	0	16
T3	2	2	0	0	0	1	0	0	5
T4	3	1	0	0	2	0	0	1	7
TX	0	0	0	0	0	0	0	0	0
Total	22	10	0	0	2	1	0	1	36

M1: 0 case.

Carcinoma of the Oral Cavity ----- 410 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	3	0	0	0	0	0	0	0	3
T2	2	1	0	0	0	0	0	0	3
T3	1	0	0	0	0	0	0	1	2
T4	0	1	0	0	0	0	0	0	1
TX	0	0	0	0	0	0	0	0	0
Total	6	2	0	0	0	0	0	1	9

M1: 0 case.

Carcinoma of the Oral Cavity ----- 410 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	8	2	0	0	0	0	0	1	11
T2	24	7	0	0	1	1	0	1	34
T3	5	3	0	1	0	1	0	0	10
T4	7	6	0	2	7	6	0	1	29
TX	0	0	0	0	0	0	0	0	0
Total	44	18	0	3	8	8	0	3	84

M1: 0 case.

Carcinoma of the Oral Cavity ----- 410 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	3	0	0	0	0	0	0	0	3
T2	5	0	0	0	0	0	0	0	5
T3	1	0	0	0	0	0	0	0	1
T4	1	0	0	1	0	0	0	0	2
TX	0	0	0	0	0	0	0	0	0
Total	10	0	0	1	0	0	0	0	11

M1: 0 case.

Carcinoma of the Oral Cavity ----- 410 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	8	1	0	0	0	0	0	0	9
T2	10	1	0	1	3	3	1 *	0	19
T3	4	2	1	0	1 *	1	0	0	9
T4	2	1	0	0	1	4	1	0	9
TX	0	0	0	0	0	0	0	1	1
Total	24	5	1	1	5	8	2	1	47

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

Carcinoma of the Oral Cavity ----- 410 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	61	2	0	0	0	0	0	7	70
T2	65	12	0	0	6	1	1	8	93
T3	15	10	1	0	6	3	1	2	38
T4	5	4	0	0	2	5	0	0	16
TX	0	0	0	0	0	0	0	0	0
Total	146	28	1	0	14	9	2	17	217

M1: 0 case.

Carcinoma of the Oral Cavity ----- 410 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	0	0	0	0	0	0	0	0	0
T3	0	0	0	0	0	0	0	0	0
T4	1	0	0	0	0	0	0	0	1
TX	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	0	0	1

M1: 0 case.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 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	1	2	1	0	1	4	0	9
1)Rad. alone	3	4	0	9	0	8	34	0	58
2)Surg. alone	2	16	2	35	8	23	114	1	201
3)Preop. rad.	0	2	1	10	0	9	21	0	43
4)Postop. rad.	0	3	0	1	2	0	3	0	9
5)Preop. & postop. rad.	0	0	0	0	0	1	3	0	4
6)Rad.→ salvage	0	1	0	1	0	0	2	0	4
7)Rad.+chem.+surg.	0	3	2	10	0	3	12	0	30
8)Rad.+chem.	0	1	1	4	0	0	7	0	13
9)Others	0	5	1	13	1	2	17	0	39
No information	0	0	0	0	0	0	0	0	0
Total	5	36	9	84	11	47	217	1	410

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 410 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	0	1	0	1	0	0	5
2)Buccal mucosa	6	2	6	2	2	16	2	0	36
3)Retromolar area	3	1	2	0	0	2	1	0	9
4)Gingiva	12	6	7	3	8	41	7	0	84
5)Hard palate	0	0	5	1	0	5	0	0	11
6)Floor of the mouth	10	2	13	4	0	11	7	0	47
7)Tongue	41	13	22	15	29	92	5	0	217
9)Oral cavity, NOS	0	0	0	0	0	1	0	0	1
Total	75	24	55	26	39	169	22	0	410

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 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	4	22	7	31	9	19	115	0	207
1)Rad. alone	0	2	0	4	0	3	10	0	19
2)Surg. alone	1	5	0	23	1	12	40	1	83
3)Preop. rad.	0	2	0	6	0	7	14	0	29
4)Postop. rad.	0	2	0	1	0	1	6	0	10
5)Preop. & postop. rad.	0	0	0	0	0	1	2	0	3
6)Rad.→ salvage	0	0	0	1	0	0	0	0	1
7)Rad.+chem.+surg.	0	2	1	8	0	2	11	0	24
8)Rad.+chem.	0	0	0	4	0	0	5	0	9
9)Others	0	1	1	6	1	2	14	0	25
No information	0	0	0	0	0	0	0	0	0
Total	5	36	9	84	11	47	217	1	410

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 410 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	0	1	0	0	0	5
2)Buccal mucosa	22	4	5	2	1	2	36
3)Retromolar area	6	0	2	0	0	1	9
4)Gingiva	35	21	17	8	1	2	84
5)Hard palate	9	1	1	0	0	0	11
6)Floor of the mouth	21	12	10	4	0	0	47
7)Tongue	102	43	37	17	0	18	217
9)Oral cavity, NOS	0	0	0	1	0	0	1
Total	199	81	73	32	2	23	410

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 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
1)Lip	4	1	0	0	0	0	0	0	0	0	0	5
2)Buccal mucosa	16	1	12	0	0	0	0	0	0	7	0	36
3)Retromolar area	6	1	1	0	0	0	0	0	0	1	0	9
4)Gingiva	44	7	19	0	1	1	0	1	3	8	0	84
5)Hard palate	9	1	0	0	0	0	0	0	0	1	0	11
6)Floor of the mouth	25	3	12	1	0	1	0	1	0	4	0	47
7)Tongue	121	18	53	0	0	0	0	0	0	25	0	217
9)Oral cavity, NOS	0	0	0	0	0	0	0	0	0	1	0	1
Total	225	32	97	1	1	2	0	2	3	47	0	410

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 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	0	0	5
2)Buccal mucosa	19	12	0	1	0	2	2	36
3)Retromolar area	5	4	0	0	0	0	0	9
4)Gingiva	38	38	0	0	0	2	6	84
5)Hard palate	9	2	0	0	0	0	0	11
6)Floor of the mouth	21	19	0	3	0	1	3	47
7)Tongue	118	64	1	12	1	9	12	217
9)Oral cavity, NOS	1	0	0	0	0	0	0	1
Total	213	141	1	17	1	14	23	410

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 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	0	0	0	0	0	0	5
2)Buccal mucosa	24	0	1	7	0	0	0	0	4	36
3)Retromolar area	5	0	0	3	0	0	0	0	1	9
4)Gingiva	49	0	3	25	0	0	0	0	7	84
5)Hard palate	7	1	0	3	0	0	0	0	0	11
6)Floor of the mouth	37	0	0	6	0	0	0	0	4	47
7)Tongue	148	3	1	46	0	0	1	0	18	217
9)Oral cavity, NOS	1	0	0	0	0	0	0	0	0	1
Total	276	4	5	90	0	0	1	0	34	410

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Lip	5	0	0	5
2)Buccal mucosa	32	0	4	36
3)Retromolar area	8	0	1	9
4)Gingiva	77	0	7	84
5)Hard palate	11	0	0	11
6)Floor of the mouth	45	0	2	47
7)Tongue	198	1	18	217
9)Oral cavity, NOS	1	0	0	1
Total	377	1	32	410

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 410 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Lip	5	0	0	5
2)Buccal mucosa	31	0	5	36
3)Retromolar area	8	0	1	9
4)Gingiva	77	0	7	84
5)Hard palate	11	0	0	11
6)Floor of the mouth	44	1	2	47
7)Tongue	198	0	19	217
9)Oral cavity, NOS	1	0	0	1
Total	375	1	34	410

NOS: not otherwise specified.

Larynx

285 Cases

Carcinoma of the Larynx ----- 285 Cases

Subsite

Subsite	Number of patients
Glottis	174 (61.1%)
Supraglottis	94 (33.0%)
Subglottis	7 (2.5%)
Larynx, NOS	10 (3.5%)
Total	285 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 285 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	1	0	1
30 - 39	1	1	0	2
40 - 49	12	1	0	13
50 - 59	73	1	0	74
60 - 69	95	4	0	99
70 - 79	70	7	0	77
80 - 89	14	5	0	19
90 -	0	0	0	0
Unknown	0	0	0	0
Total	265	20	0	285

Carcinoma of the Larynx ----- 285 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	1	0	1
30 - 39	1	1	0	2
40 - 49	5	0	0	5
50 - 59	41	0	0	41
60 - 69	65	1	0	66
70 - 79	43	4	0	47
80 - 89	11	1	0	12
90 -	0	0	0	0
Unknown	0	0	0	0
Total	166	8	0	174

Carcinoma of the Larynx ----- 285 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	6	1	0	7
50 - 59	28	1	0	29
60 - 69	26	3	0	29
70 - 79	20	3	0	23
80 - 89	2	4	0	6
90 -	0	0	0	0
Unknown	0	0	0	0
Total	82	12	0	94

Carcinoma of the Larynx ----- 285 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	1	0	0	1
60 - 69	3	0	0	3
70 - 79	2	0	0	2
80 - 89	1	0	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	7	0	0	7

Carcinoma of the Larynx ----- 285 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	1	0	0	1
50 - 59	3	0	0	3
60 - 69	1	0	0	1
70 - 79	5	0	0	5
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	10	0	0	10

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 285 Cases

Histological Distribution by Subsite

Histologic type	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
Neoplasm, malig.	1	0	0	0	1
Verrucous ca., NOS	2	0	0	0	2
S.C.C.-in-situ, NOS	5	0	0	0	5
S.C.C., NOS	115	83	6	9	213
S.C.C., kerat., NOS	47	8	1	0	56
S.C.C., large cell, non-kerat.	1	1	0	0	2
S.C.C., spindle cell	2	1	0	0	3
S.C.C.-in-situ with quest. stromal invasion	1	0	0	0	1
Adenoid cystic ca.	0	1	0	1	2
Total	174	94	7	10	285

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

malig.: malignant.

kerat.: keratinizing.

ca.: carcinoma.

quest.: questionable.

Carcinoma of the Larynx ----- 285 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	123	0	0	0	1	1	0	1	126
T2	77	3	1	2	3	3	2	2	93
T3	24	3	0	1	2	4 *	0	0	34
T4	8	2	1	0	3	12 **	2 *	0	28
TX	1	0	0	0	0	0	0	2	3
Total	234	8	2	3	9	20	4	5	285

M1: 4 cases. Each * signifies one M1 case.

Carcinoma of the Larynx ----- 285 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	1	0	0	0	0	0	0	0	1
T1	3	0	0	0	0	0	0	0	3
T1a	80	0	0	0	0	0	0	0	80
T1b	27	0	0	0	0	0	0	1	28
T2	47	2	0	0	0	0	0	0	49
T3	8	0	0	0	0	0	0	0	8
T4	1	0	0	0	1	1	0	0	3
TX	1	0	0	0	0	0	0	1	2
Total	168	2	0	0	1	1	0	2	174

M1: 0 case.

Carcinoma of the Larynx ----- 285 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	11	0	0	0	1	1	0	0	13
T2	25	1	1	1	3	2	2	2	37
T3	12	3	0	1	2	3 *	0	0	21
T4	5	2	1	0	2	10 **	2 *	0	22
TX	0	0	0	0	0	0	0	1	1
Total	53	6	2	2	8	16	4	3	94

M1: 4 cases. Each * signifies one M1 case.

Carcinoma of the Larynx ----- 285 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	3	0	0	0	0	0	0	0	3
T3	3	0	0	0	0	0	0	0	3
T4	1	0	0	0	0	0	0	0	1
TX	0	0	0	0	0	0	0	0	0
Total	7	0	0	0	0	0	0	0	7

M1: 0 case.

Carcinoma of the Larynx ----- 285 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	0	0	0	0	0	0	0	0	0
T1	2	0	0	0	0	0	0	0	2
T2	2	0	0	1	0	1	0	0	4
T3	1	0	0	0	0	1	0	0	2
T4	1	0	0	0	0	1	0	0	2
TX	0	0	0	0	0	0	0	0	0
Total	6	0	0	1	0	3	0	0	10

NOS: not otherwise specified.

M1: 0 case.

Carcinoma of the Larynx ----- 285 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	5	3	0	0	8
1)Rad. alone	106	22	3	2	133
2)Surg. alone	28	22	3	2	55
3)Preop. rad.	5	8	0	0	13
4)Postop. rad.	6	4	1	1	12
5)Preop. & postop. rad.	0	1	0	0	1
6)Rad.→ salvage	3	3	0	1	7
7)Rad.+chem.+surg.	1	5	0	1	7
8)Rad.+chem.	16	23	0	1	40
9)Others	4	3	0	2	9
No information	0	0	0	0	0
Total	174	94	7	10	285

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 285 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	3	3	1	1	0	8
1)Rad. alone	0	0	78	46	5	3	1	133
2)Surg. alone	0	0	23	7	18	7	0	55
3)Preop. rad.	0	0	3	0	1	9	0	13
4)Postop. rad.	0	0	5	3	3	1	0	12
5)Preop. & postop. rad.	0	0	0	0	0	1	0	1
6)Rad.→ salvage	0	0	0	6	1	0	0	7
7)Rad.+chem.+surg.	0	0	0	4	2	1	0	7
8)Rad.+chem.	0	1	11	21	2	5	0	40
9)Others	0	0	3	3	1	0	2	9
No information	0	0	0	0	0	0	0	0
Total	0	1	126	93	34	28	3	285

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 285 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	3	0	2	0	0	0	5
1)Rad. alone	0	0	2	46	23	31	3	0	1	106
2)Surg. alone	0	0	1	19	2	1	4	1	0	28
3)Preop. rad.	0	0	0	3	0	0	0	2	0	5
4)Postop. rad.	0	0	0	3	1	2	0	0	0	6
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0	3	0	0	0	3
7)Rad.+chem.+surg.	0	0	0	0	0	1	0	0	0	1
8)Rad.+chem.	0	1	0	4	2	9	0	0	0	16
9)Others	0	0	0	2	0	0	1	0	1	4
No information	0	0	0	0	0	0	0	0	0	0
Total	0	1	3	80	28	49	8	3	2	174

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 285 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	1	1	0	3
1)Rad. alone	0	0	6	12	2	2	0	22
2)Surg. alone	0	0	1	6	10	5	0	22
3)Preop. rad.	0	0	0	0	1	7	0	8
4)Postop. rad.	0	0	1	1	2	0	0	4
5)Preop. & postop. rad.	0	0	0	0	0	1	0	1
6)Rad.→ salvage	0	0	0	2	1	0	0	3
7)Rad.+chem.+surg.	0	0	0	2	2	1	0	5
8)Rad.+chem.	0	0	5	11	2	5	0	23
9)Others	0	0	0	2	0	0	1	3
No information	0	0	0	0	0	0	0	0
Total	0	0	13	37	21	22	1	94

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 285 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	3	0	0	0	3
2)Surg. alone	0	0	0	0	2	1	0	3
3)Preop. rad.	0	0	0	0	0	0	0	0
4)Postop. rad.	0	0	0	0	1	0	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	0	0	0	0	0
9)Others	0	0	0	0	0	0	0	0
No information	0	0	0	0	0	0	0	0
Total	0	0	0	3	3	1	0	7

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 285 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	0	0	0
1)Rad. alone	0	0	1	0	0	1	0	2
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	1	0	0	0	1
7)Rad.+chem.+surg.	0	0	0	1	0	0	0	1
8)Rad.+chem.	0	0	0	1	0	0	0	1
9)Others	0	0	1	1	0	0	0	2
No information	0	0	0	0	0	0	0	0
Total	0	0	2	4	2	2	0	10

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 285 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)	125	1	13	0	4	31	0	174
Supraglottis (1611)	42	13	31	0	1	7	0	94
Subglottis (1612)	3	0	4	0	0	0	0	7
Larynx, NOS (1619)	3	1	3	1	2	0	0	10
Total	173	15	51	1	7	38	0	285

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 285 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	1	91	64	7	9	1	173
1)Extended total	0	0	0	3	1	10	1	15
2)Total	0	0	4	13	26	8	0	51
3)Subtotal	0	0	0	1	0	0	0	1
4)Partial	0	0	3	3	0	1	0	7
9)Others	0	0	28	9	0	0	1	38
No information	0	0	0	0	0	0	0	0
Total	0	1	126	93	34	28	3	285

Carcinoma of the Larynx ----- 285 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	1	1	53	26	41	2	0	1	125
1)Extended total	0	0	0	0	0	0	0	1	0	1
2)Total	0	0	1	1	0	4	6	1	0	13
3)Subtotal	0	0	0	0	0	0	0	0	0	0
4)Partial	0	0	1	1	0	1	0	1	0	4
9)Others	0	0	0	25	2	3	0	0	1	31
No information	0	0	0	0	0	0	0	0	0	0
Total	0	1	3	80	28	49	8	3	2	174

Carcinoma of the Larynx ----- 285 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	10	19	5	8	0	42
1)Extended total	0	0	0	2	1	9	1	13
2)Total	0	0	2	9	15	5	0	31
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	0	1	0	0	0	1
9)Others	0	0	1	6	0	0	0	7
No information	0	0	0	0	0	0	0	0
Total	0	0	13	37	21	22	1	94

Carcinoma of the Larynx ----- 285 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	3	0	0	0	3
1)Extended total	0	0	0	0	0	0	0	0
2)Total	0	0	0	0	3	1	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	0	0	0	0	0
No information	0	0	0	0	0	0	0	0
Total	0	0	0	3	3	1	0	7

Carcinoma of the Larynx ----- 285 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	1	1	0	1	0	3
1)Extended total	0	0	0	1	0	0	0	1
2)Total	0	0	0	0	2	1	0	3
3)Subtotal	0	0	0	1	0	0	0	1
4)Partial	0	0	1	1	0	0	0	2
9)Others	0	0	0	0	0	0	0	0
No information	0	0	0	0	0	0	0	0
Total	0	0	2	4	2	2	0	10

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 285 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	165	44	2	6	217
1)Rad. alone	3	4	1	1	9
2)Surg. alone	2	23	3	1	29
3)Preop. rad.	1	7	0	0	8
4)Postop. rad.	1	2	1	1	5
5)Preop. & postop. rad.	0	1	0	0	1
6)Rad.→ salvage	1	1	0	0	2
7)Rad.+chem.+surg.	0	7	0	1	8
8)Rad.+chem.	0	5	0	0	5
9)Others	1	0	0	0	1
No information	0	0	0	0	0
Total	174	94	7	10	285

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 285 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)	163	2	4	1	0	4	174
Supraglottis (1611)	41	29	15	0	0	9	94
Subglottis (1612)	3	0	3	1	0	0	7
Larynx, NOS (1619)	6	2	1	1	0	0	10
Total	213	33	23	3	0	13	285

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 285 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
Glottis (1610)	166	2	1	0	0	0	0	5	0	174
Supraglottis (1611)	69	5	6	2	1	0	0	11	0	94
Subglottis (1612)	6	1	0	0	0	0	0	0	0	7
Larynx, NOS (1619)	8	2	0	0	0	0	0	0	0	10
Total	249	10	7	2	1	0	0	16	0	285

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 285 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)	36	135	0	0	0	0	3	174
Supraglottis (1611)	25	68	0	0	0	0	1	94
Subglottis (1612)	3	4	0	0	0	0	0	7
Larynx, NOS (1619)	2	8	0	0	0	0	0	10
Total	66	215	0	0	0	0	4	285

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 285 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)	151	0	0	16	0	0	0	0	7	174
Supraglottis (1611)	59	1	0	31	0	0	0	0	3	94
Subglottis (1612)	7	0	0	0	0	0	0	0	0	7
Larynx, NOS (1619)	8	0	0	2	0	0	0	0	0	10
Total	225	1	0	49	0	0	0	0	10	285

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 285 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Glottis (1610)	167	0	7	174
Supraglottis (1611)	92	0	2	94
Subglottis (1612)	7	0	0	7
Larynx, NOS (1619)	10	0	0	10
Total	276	0	9	285

immuno.: immunotherapy.

NOS: not otherwise specified.

Hypopharynx

139 Cases

Carcinoma of the Hypopharynx ----- 139 Cases

Subsite

Subsite	Number of patients
Postcricoid	15 (10.8%)
Pyriiform sinus	89 (64.0%)
Posterior wall	26 (18.7%)
Cervical esophagus	1 (0.7%)
Hypopharynx, NOS	8 (5.8%)
Total	139 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 139 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	0	0	0	0
40 - 49	11	2	0	13
50 - 59	22	5	0	27
60 - 69	48	5	0	53
70 - 79	30	5	0	35
80 - 89	8	1	0	9
90 -	1	0	0	1
Unknown	0	0	0	0
Total	121	18	0	139

Carcinoma of the Hypopharynx ----- 139 Cases

Histological Distribution by Subsite

Histologic type	Post-cricoid (1480)	Pyriform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
Neoplasm, malig.	0	0	0	1	0	1
Carcinoma, NOS	0	0	1	0	1	2
S.C.C., NOS	2	51	12	0	6	71
S.C.C., kerat., NOS	13	37	12	0	1	63
S.C.C., large cell, non-kerat.	0	1	1	0	0	2
Total	15	89	26	1	8	139

NOS: not otherwise specified.
S.C.C.: squamous cell carcinoma.

malig.: malignant.
kerat.: keratinizing.

Carcinoma of the Hypopharynx ----- 139 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	7	1	0	2	3	1	2	3	19
T2	16	4	0	4	10	4	8 *	8	54
T3	4	10	0	6 **	2	7	3	1	33
T4	8	2	2	2	3	9 **	3 *	2	31
TX	0	0	0	0	0	0	0	2	2
Total	35	17	2	14	18	21	16	16	139

M1: 6 cases. Each * signifies one M1 case.

Carcinoma of the Hypopharynx ----- 139 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Post-cricoid (1480)	Pyriiform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
0)No treatment	0	2	2	0	0	4
1)Rad. alone	5	20	5	0	1	31
2)Surg. alone	7	26	2	0	0	35
3)Preop. rad.	0	6	0	0	0	6
4)Postop. rad.	2	5	1	1	0	9
5)Preop. & postop. rad.	0	1	1	0	1	3
6)Rad.→ salvage	0	0	1	0	1	2
7)Rad.+chem.+surg.	0	6	0	0	1	7
8)Rad.+chem.	1	13	7	0	2	23
9)Others	0	10	7	0	2	19
No information	0	0	0	0	0	0
Total	15	89	26	1	8	139

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 139 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
Postcricoid (1480)	5	0	8	0	1	1	0	15
Pyriform sinus (1481)	33	9	31	0	5	11	0	89
Posterior wall (1483)	14	4	4	0	1	3	0	26
Cervical esophagus (1500)	0	0	1	0	0	0	0	1
Hypopharynx, NOS (1489)	4	2	1	0	0	1	0	8
Total	56	15	45	0	7	16	0	139

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 139 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	3	17	8	0	3	31
1)Rad. alone	3	11	2	0	1	17
2)Surg. alone	7	25	2	0	0	34
3)Preop. rad.	0	6	0	0	0	6
4)Postop. rad.	1	5	1	1	0	8
5)Preop. & postop. rad.	0	1	1	0	0	2
6)Rad.→ salvage	0	1	1	0	1	3
7)Rad.+chem.+surg.	0	9	2	0	1	12
8)Rad.+chem.	1	11	3	0	1	16
9)Others	0	3	6	0	1	10
No information	0	0	0	0	0	0
Total	15	89	26	1	8	139

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 139 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	3	5	1	0	1	15
Pyriiform sinus (1481)	27	38	13	0	0	11	89
Posterior wall (1483)	13	5	5	0	0	3	26
Cervical esophagus (1500)	0	0	0	1	0	0	1
Hypopharynx, NOS (1489)	4	1	2	0	0	1	8
Total	49	47	25	2	0	16	139

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 139 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)	6	0	3	4	0	0	0	2	0	15
Pyriform sinus (1481)	44	1	10	17	0	0	0	17	0	89
Posterior wall (1483)	14	1	2	6	0	0	0	3	0	26
Cervical esophagus (1500)	0	0	0	1	0	0	0	0	0	1
Hypopharynx, NOS (1489)	4	0	1	1	0	0	0	2	0	8
Total	68	2	16	29	0	0	0	24	0	139

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 139 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)	7	6	0	0	0	0	2	15
Pyriform sinus (1481)	24	51	0	0	0	0	14	89
Posterior wall (1483)	7	17	0	0	0	0	2	26
Cervical esophagus (1500)	0	1	0	0	0	0	0	1
Hypopharynx, NOS (1489)	1	5	0	0	0	0	2	8
Total	39	80	0	0	0	0	20	139

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 139 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)	8	0	0	2	0	0	0	0	5	15
Pyriiform sinus (1481)	40	0	0	28	0	0	0	0	21	89
Posterior wall (1483)	8	0	0	14	0	0	0	0	4	26
Cervical esophagus (1500)	1	0	0	0	0	0	0	0	0	1
Hypopharynx, NOS (1489)	1	1	0	4	1	0	0	0	1	8
Total	58	1	0	48	1	0	0	0	31	139

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 139 Cases

Immunotherapy by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without immuno.	With immuno.		
Postcricoid	(1480)	10	0	5	15
Pyriiform sinus	(1481)	68	1	20	89
Posterior wall	(1483)	22	0	4	26
Cervical esophagus	(1500)	1	0	0	1
Hypopharynx, NOS	(1489)	7	0	1	8
Total		108	1	30	139

immuno.: immunotherapy.

NOS: not otherwise specified.

Mesopharynx

111 Cases

Carcinoma of the Mesopharynx ----- 111 Cases

Subsite

Subsite	Number of patients
Soft palate	24 (21.6%)
Lateral wall	48 (43.2%)
Posterior wall	4 (3.6%)
Base of the tongue	29 (26.1%)
Mesopharynx, NOS	6 (5.4%)
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	1	0	0	1
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	1	1	0	2
40 - 49	9	1	0	10
50 - 59	20	5	0	25
60 - 69	44	7	0	51
70 - 79	16	2	0	18
80 - 89	2	2	0	4
90 -	0	0	0	0
Unknown	0	0	0	0
Total	93	18	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
Ca., undiff., NOS	1	2	0	0	0	3
S.C.C.-in-situ, NOS	2	0	0	1	0	3
S.C.C., NOS	10	30	2	23	5	70
S.C.C., kerat., NOS	4	15	2	4	1	26
S.C.C., large cell, non-kerat.	1	1	0	0	0	2
Adenocarcinoma, NOS	1	0	0	0	0	1
Adenoid cystic ca.	2	0	0	0	0	2
Mucoepidermoid ca.	3	0	0	1	0	4
Total	24	48	4	29	6	111

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

undiff.: undifferentiated.

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	7	4	0	2	1	1	2	1	18
T2	17	8	0	4	8	8	1 *	3	49
T3	6	2	0	1	3	5	2	0	19
T4	1	1	2	2	6	5	4	1	22
TX	0	0	0	0	0	0	0	3	3
Total	31	15	2	9	18	19	9	8	111

M1: 1 case. 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	0	1	0	2	0	3
1)Rad. alone	2	16	2	9	2	31
2)Surg. alone	8	11	1	4	0	24
3)Preop. rad.	2	0	0	3	0	5
4)Postop. rad.	1	2	0	1	0	4
5)Preop. & postop. rad.	0	0	1	0	1	2
6)Rad.→ salvage	0	1	0	0	0	1
7)Rad.+chem.+surg.	3	0	0	1	0	4
8)Rad.+chem.	2	12	0	8	2	24
9)Others	6	5	0	1	1	13
No information	0	0	0	0	0	0
Total	24	48	4	29	6	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	4	3	6	0	0	7	4	0	24
Lateral wall	27	0	6	3	1	6	5	0	48
Posterior wall	2	0	2	0	0	0	0	0	4
Base of the tongue	17	2	5	2	0	0	3	0	29
Mesopharynx, NOS	3	1	0	1	0	0	1	0	6
Total	53	6	19	6	1	13	13	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	12	12	0	9	2	35
1)Rad. alone	1	7	2	4	1	15
2)Surg. alone	4	6	1	2	0	13
3)Preop. rad.	2	1	1	3	0	7
4)Postop. rad.	0	4	0	3	0	7
5)Preop. & postop. rad.	0	0	0	0	1	1
6)Rad.→ salvage	0	2	0	1	0	3
7)Rad.+chem.+surg.	2	1	0	2	0	5
8)Rad.+chem.	1	10	0	5	1	17
9)Others	2	5	0	0	1	8
No information	0	0	0	0	0	0
Total	24	48	4	29	6	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	10	6	4	0	0	4	24
Lateral wall	26	9	8	0	0	5	48
Posterior wall	2	0	2	0	0	0	4
Base of the tongue	15	5	5	0	0	4	29
Mesopharynx, NOS	3	0	2	0	0	1	6
Total	56	20	21	0	0	14	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	10	2	7	0	0	0	0	0	0	5	0	24
Lateral wall	34	0	9	0	0	0	0	0	0	5	0	48
Posterior wall	2	0	2	0	0	0	0	0	0	0	0	4
Base of the tongue	20	0	6	0	0	0	0	0	0	3	0	29
Mesopharynx, NOS	3	0	2	0	0	0	0	0	0	1	0	6
Total	69	2	26	0	0	0	0	0	0	14	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	11	9	0	0	0	1	3	24
Lateral wall	14	26	0	0	0	1	7	48
Posterior wall	1	3	0	0	0	0	0	4
Base of the tongue	5	19	0	0	0	1	4	29
Mesopharynx, NOS	1	5	0	0	0	0	0	6
Total	32	62	0	0	0	3	14	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	12	1	0	7	0	0	0	0	4	24
Lateral wall	25	0	0	15	0	0	1	1	6	48
Posterior wall	3	0	0	1	0	0	0	0	0	4
Base of the tongue	14	0	0	10	0	0	0	0	5	29
Mesopharynx, NOS	3	0	0	3	0	0	0	0	0	6
Total	57	1	0	36	0	0	1	1	15	111

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 111 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Soft palate	20	0	4	24
Lateral wall	40	0	8	48
Posterior wall	4	0	0	4
Base of the tongue	24	0	5	29
Mesopharynx, NOS	6	0	0	6
Total	94	0	17	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	20	0	4	24
Lateral wall	40	0	8	48
Posterior wall	4	0	0	4
Base of the tongue	24	0	5	29
Mesopharynx, NOS	6	0	0	6
Total	94	0	17	111

NOS: not otherwise specified.

Nasopharynx

46 Cases

Carcinoma of the Nasopharynx ----- 46 Cases

Subsite

Subsite	Number of patients
Postero-superior wall	23 (50.0%)
Lateral wall	15 (32.6%)
Inferior wall	0 (0.0%)
Nasopharynx, NOS	8 (17.4%)
Total	46 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 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	1	0	0	1
30 - 39	1	2	0	3
40 - 49	8	3	0	11
50 - 59	8	3	0	11
60 - 69	9	2	0	11
70 - 79	7	0	0	7
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	36	10	0	46

Carcinoma of the Nasopharynx ----- 46Cases

Histological Distribution by Subsite

Histologic type	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
Carcinoma, NOS	0	1	0	0	1
Ca., undiff., NOS	2	6	0	0	8
S.C.C.-in-situ, NOS	1	0	0	0	1
S.C.C., NOS	12	6	0	7	25
S.C.C., kerat., NOS	3	0	0	1	4
S.C.C., large cell, non-kerat.	2	1	0	0	3
S.C.C., small cell, non-kerat.	1	0	0	0	1
S.C.C., spindle cell	1	0	0	0	1
Transitional cell carcinoma, NOS	1	1	0	0	2
Total	23	15	0	8	46

NOS: not otherwise specified.

undiff.: undifferentiated.

kerat.: keratinizing.

Ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

Carcinoma of the Nasopharynx ----- 46 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	5	0	0	0	1	3	0	0	9
T2	3	0	1	2	5	4	3 *	0	18
T3	2	0	0	0	2	3	0	0	7
T4	4	1	0	0	0	4	3 **	0	12
TX	0	0	0	0	0	0	0	0	0
Total	14	1	1	2	8	14	6	0	46

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

Carcinoma of the Nasopharynx ----- 46 Cases

Cranial Nerve Palsy

Without cranial nerve palsy 34 cases

With cranial nerve palsy 12 cases

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

Carcinoma of the Nasopharynx ----- 46 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	13	7	0	1	21
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	0	0	0	0	0
7)Rad.+chem.+surg.	0	0	0	0	0
8)Rad.+chem.	10	7	0	7	24
9)Others	0	1	0	0	1
No information	0	0	0	0	0
Total	23	15	0	8	46

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 46 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	0	23
Lateral wall	15	0	0	15
Inferior wall	0	0	0	0
Nasopharynx, NOS	7	0	1	8
Total	45	0	1	46

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
0)No treatment	2	5	0	3	10
1)Rad. alone	12	4	0	1	17
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	1	0	0	1
6)Rad.→ salvage	0	0	0	0	0
7)Rad.+chem.+surg.	0	1	0	1	2
8)Rad.+chem.	9	4	0	3	16
9)Others	0	0	0	0	0
No information	0	0	0	0	0
Total	23	15	0	8	46

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 46 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	23	0	0	0	0	0	23
Lateral wall	13	2	0	0	0	0	15
Inferior wall	0	0	0	0	0	0	0
Nasopharynx, NOS	6	1	0	0	1	0	8
Total	42	3	0	0	1	0	46

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Reconstructive Surgery by Subsite

Subsite	(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Postero-superior wall	23	0	0	23
Lateral wall	15	0	0	15
Inferior wall	0	0	0	0
Nasopharynx, NOS	7	0	1	8
Total	45	0	1	46

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 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	3	19	0	0	0	1	0	23
Lateral wall	0	15	0	0	0	0	0	15
Inferior wall	0	0	0	0	0	0	0	0
Nasopharynx, NOS	0	8	0	0	0	0	0	8
Total	3	42	0	0	0	1	0	46

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 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	14	0	0	9	0	0	0	0	0	23
Lateral wall	7	0	0	8	0	0	0	0	0	15
Inferior wall	0	0	0	0	0	0	0	0	0	0
Nasopharynx, NOS	1	0	0	7	0	0	0	0	0	8
Total	22	0	0	24	0	0	0	0	0	46

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Postero-superior wall	23	0	0	23
Lateral wall	15	0	0	15
Inferior wall	0	0	0	0
Nasopharynx, NOS	8	0	0	8
Total	46	0	0	46

immuno.: immunotherapy.

NOS: not otherwise specified.

Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus

17 Cases

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the
Maxillary Sinus ----- 17 Cases

Subsite

Subsite	Number of patients
Nasal cavity	12 (70.6%)
Ethmoid sinus	0 (0.0%)
Frontal sinus	4 (23.5%)
Sphenoid sinus	1 (5.9%)
Paranasal sinus, NOS	0 (0.0%)
Total	17 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses
Excluding the Maxillary Sinus ----- 17 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	1	0	1
30 - 39	1	0	0	1
40 - 49	3	3	0	6
50 - 59	1	1	0	2
60 - 69	3	1	0	4
70 - 79	2	0	0	2
80 - 89	1	0	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	11	6	0	17

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 17 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.	2	0	0	0	0	2
S.C.C., NOS	3	0	3	1	0	7
S.C.C., kerat., NOS	1	0	0	0	0	1
S.C.C., large cell, non-kerat.	1	0	0	0	0	1
Adenocarcinoma, NOS	1	0	0	0	0	1
Adenoid cystic ca.	1	0	1	0	0	2
Malignant melanoma, NOS	2	0	0	0	0	2
Plasmacytoma, NOS	1	0	0	0	0	1
Total	12	0	4	1	0	17

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

ca.: carcinoma.

malig.: malignant.

kerat.: keratinizing.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 17 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	1	0	0	0	0	1
1)Rad. alone	5	0	1	0	0	6
2)Surg. alone	1	0	0	1	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	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0	0
7)Rad.+chem.+surg.	2	0	3	0	0	5
8)Rad.+chem.	2	0	0	0	0	2
9)Others	1	0	0	0	0	1
No information	0	0	0	0	0	0
Total	12	0	4	1	0	17

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 ----- 17 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite		(0) Without surgery	(1) With surgery	No infor- mation	Total
Nasal cavity	(1600)	9	3	0	12
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	1	3	0	4
Sphenoid sinus	(1605)	0	1	0	1
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		10	7	0	17

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 17 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	12	0	3	0	0	15
1)Rad. alone	0	0	0	0	0	0
2)Surg. alone	0	0	0	1	0	1
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	1	0	0	1
8)Rad.+chem.	0	0	0	0	0	0
9)Others	0	0	0	0	0	0
No information	0	0	0	0	0	0
Total	12	0	4	1	0	17

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 ----- 17 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)	12	0	0	0	0	0	12
Ethmoid sinus (1603)	0	0	0	0	0	0	0
Frontal sinus (1604)	3	0	1	0	0	0	4
Sphenoid sinus (1605)	0	1	0	0	0	0	1
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0
Total	15	1	1	0	0	0	17

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 17 Cases

Reconstructive Surgery by Subsite

Subsite		(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Nasal cavity	(1600)	11	1	0	12
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	4	0	0	4
Sphenoid sinus	(1605)	0	1	0	1
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		15	2	0	17

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 17 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)	4	8	0	0	0	0	0	12
Ethmoid sinus (1603)	0	0	0	0	0	0	0	0
Frontal sinus (1604)	0	4	0	0	0	0	0	4
Sphenoid sinus (1605)	1	0	0	0	0	0	0	1
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0
Total	5	12	0	0	0	0	0	17

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 17 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)	7	0	1	4	0	0	0	0	0	12
Ethmoid sinus (1603)	0	0	0	0	0	0	0	0	0	0
Frontal sinus (1604)	1	1	1	1	0	0	0	0	0	4
Sphenoid sinus (1605)	1	0	0	0	0	0	0	0	0	1
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0	0	0
Total	9	1	2	5	0	0	0	0	0	17

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 17 Cases

Immunotherapy by Subsite

Subsite		(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Nasal cavity	(1600)	11	1	0	12
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	4	0	0	4
Sphenoid sinus	(1605)	1	0	0	1
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		16	1	0	17

immuno.: immunotherapy.

NOS: not otherwise specified.

Maxillary Sinus

59 Cases

Carcinoma of the Maxillary Sinus ----- 59 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	0	0	0	0
30 - 39	0	0	0	0
40 - 49	6	2	0	8
50 - 59	14	1	0	15
60 - 69	12	6	0	18
70 - 79	6	4	0	10
80 - 89	3	3	0	6
90 -	1	0	0	1
Unknown	0	0	0	0
Total	43	16	0	59

Carcinoma of the Maxillary Sinus ----- 59 Cases

Histological Distribution

Histologic type	Number of patients
Neoplasms, malign.	6 (10.2%)
Carcinoma, NOS	2 (3.4%)
Ca., undiff., NOS	3 (5.1%)
S.C.C., NOS	38 (64.4%)
S.C.C., kerat., NOS	2 (3.4%)
S.C.C., large cell, non-kerat.	1 (1.7%)
S.C.C., small cell, non-kerat.	3 (5.1%)
Adenocarcinoma, NOS	2 (3.4%)
Adenoid cystic ca.	2 (3.4%)
Total	59 (100.0%)

malign.: malignant.

NOS: not otherwise specified.

Ca., ca.: carcinoma.

undiff.: undifferentiated.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Maxillary Sinus ----- 59 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	2	0	0	0	0	0	0	0	2
T2	11	1	0	1	0	0	0	1	14
T3	12	1	0	0	0	0	0	0	13
T4	21	2	0	0	4	2	0	1	30
TX	0	0	0	0	0	0	0	0	0
Total	46	4	0	1	4	2	0	2	59

M1: 0 case.

Carcinoma of the Maxillary Sinus ----- 59 Cases

Treatment Method for the Primary Lesion

Treatment method	Number of patients
0)No treatment	4 (6.8%)
1)Rad. alone	6 (10.2%)
2)Surg. alone	6 (10.2%)
3)Preop. rad.	5 (8.5%)
4)Postop. rad.	3 (5.1%)
5)Preop. & postop. rad.	6 (10.2%)
6)Rad.→ salvage	1 (1.7%)
7)Rad.+chem.+surg.	21 (35.6%)
8)Rad.+chem.	1 (1.7%)
9)Others	6 (10.2%)
No information	0 (0.0%)
Total	59 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 59 Cases

Method of Surgery for the Primary Lesion

Method of Surgery	Number of patients
0)No surgery	15 (25.4%)
1)Extended total maxillectomy	14 (23.7%)
2)Total maxillectomy	17 (28.8%)
3)Subtotal maxillectomy	4 (6.8%)
4)Partial maxillectomy	6 (10.2%)
9)Others	3 (5.1%)
No information	0 (0.0%)
Total	59 (100.0%)

Carcinoma of the Maxillary Sinus ----- 59 Cases

Treatment Method for the Cervical Nodes

Treatment method	Number of patients
0)No treatment	46 (78.0%)
1)Rad. alone	2 (3.4%)
2)Surg. alone	4 (6.8%)
3)Preop. rad.	0 (0.0%)
4)Postop. rad.	0 (0.0%)
5)Preop. & postop. rad.	0 (0.0%)
6)Rad.→ salvage	1 (1.7%)
7)Rad.+chem.+surg.	4 (6.8%)
8)Rad.+chem.	0 (0.0%)
9)Others	2 (3.4%)
No information	0 (0.0%)
Total	59 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 59 Cases

Neck Dissection

Neck dissection	Number of patients
0)No neck dissection	45 (76.3%)
1)Radical neck dissection	5 (8.5%)
2)Conservative neck dissection	4 (6.8%)
3)Partial neck dissection	1 (1.7%)
4)Enucleation	1 (1.7%)
No information	3 (5.1%)
Total	59 (100.0%)

Carcinoma of the Maxillary Sinus ----- 59 Cases

Reconstructive Surgery

Reconstructive surgery	Number of patients
0)No reconstruction	41 (69.5%)
1)Pedicled flap	0 (0.0%)
2)Free flap	12 (20.3%)
3)Free bone graft	0 (0.0%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	1 (1.7%)
6) 2)+3)	1 (1.7%)
9)Others	4 (6.8%)
No information	0 (0.0%)
Total	59 (100.0%)

Carcinoma of the Maxillary Sinus ----- 59 Cases

Radiotherapy for the Primary Lesion

Radiotherapy	Number of patients
0)No radiotherapy	14 (23.7%)
1)External radiotherapy	43 (72.9%)
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	2 (3.4%)
Total	59 (100.0%)

Carcinoma of the Maxillary Sinus ----- 59 Cases

Total Dose of Irradiation

Dose(Gy)	Number of patients
No R.T.	14 (23.7%)
0 <-< 10	0 (0.0%)
10 <-< 20	2 (3.4%)
20 <-< 30	2 (3.4%)
30 <-< 40	0 (0.0%)
40 <-< 50	4 (6.8%)
50 <-< 60	14 (23.7%)
60 <-< 70	18 (30.5%)
70 <-< 80	3 (5.1%)
80 <-< 90	0 (0.0%)
90 -	0 (0.0%)
Dose unknown	0 (0.0%)
No information	2 (3.4%)
Total	59 (100.0%)

0 <-< 40 Gy	9.3% of irradiated patients
0 <-< 50 Gy	18.6% of irradiated patients
0 <-< 60 Gy	51.2% of irradiated patients

R.T.: radiotherapy.

Carcinoma of the Maxillary Sinus ----- 59 Cases

Chemotherapy

Chemotherapy	Number of patients
0)No chemotherapy	25 (42.4%)
1)Topical	0 (0.0%)
2)Arterial	9 (15.3%)
3)Systemic	14 (23.7%)
4) 1)+2)	2 (3.4%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	6 (10.2%)
7) 1)+2)+3)	1 (1.7%)
No information	2 (3.4%)
Total	59 (100.0%)

Carcinoma of the Maxillary Sinus ----- 59 Cases

Immunotherapy

Immunotherapy	Number of patients
0)Without immunotherapy	57 (96.6%)
1)With immunotherapy	0 (0.0%)
No information	2 (3.4%)
Total	59 (100.0%)

Carcinoma of the Maxillary Sinus ----- 59 Cases

Cryosurgery

Cryosurgery	Number of patients
0)Without cryosurgery	57 (96.6%)
1)With cryosurgery	0 (0.0%)
No information	2 (3.4%)
Total	59 (100.0%)