

頭頸部TNM分類研究資料

(1999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

(1999 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

1999年度症例登録施設（19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
大阪府立成人病センター
神戸大学医学部
奈良県立医科大学
福井医科大学
高知医科大学

口腔外科

北海道大学歯学部第1・第2
東北大学歯学部第1
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

その他の施設

国立がんセンター中央病院
国立がんセンター東病院

Total Cases

8 8 4 Cases

Head and Neck Carcinoma ——— 884 Cases

Primary Site

Site	Number of patients
1)Oral cavity	338 (38.2%)
2)Larynx	221 (25.0%)
3)Hypopharynx	121 (13.7%)
4)Mesopharynx	97 (11.0%)
5)Nasopharynx	39 (4.4%)
6)Nasal cavity, <i>etc.</i>	13 (1.5%)
7)Maxillary sinus	55 (6.2%)
Total	884 (100.0%)

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

Head and Neck Carcinoma ——— 884 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	6	5	0	11
30 - 39	12	5	0	17
40 - 49	45	13	0	58
50 - 59	176	27	0	203
60 - 69	253	53	0	306
70 - 79	190	40	0	230
80 - 89	37	17	0	54
90 -	2	3	0	5
Unknown	0	0	0	0
Total	721	163	0	884

Head and Neck Carcinoma — 884 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, etc.	(7) Maxillary sinus	Total
Neoplasm, malig.	0	0	0	0	0	1	1	2
Carcinoma, NOS	0	0	1	0	0	1	1	3
Ca., undiff., NOS	0	0	0	0	3	1	0	4
Verrucous ca., NOS	2	0	0	1	0	0	0	3
Papillary S.C.C.	0	0	0	1	0	0	0	1
S.C.C.-in-situ, NOS	3	4	1	0	0	0	0	8
S.C.C., NOS	264	164	105	83	33	7	46	702
S.C.C., kerat., NOS	53	44	10	5	1	0	3	116
S.C.C., large cell, non-kerat.	0	6	2	1	0	0	0	9
S.C.C., spindle cell	2	1	0	1	0	0	1	5
S.C.C.-in-situ with quest. stromal invasion	1	0	0	0	0	0	0	1
Adenocarcinoma, NOS	1	0	1	0	0	2	2	6
Adenoid cystic ca.	3	0	1	2	1	1	0	8
Carcinoid tumor, NOS	0	1	0	0	0	0	0	1
Mucoepidermoid ca.	5	0	0	3	1	0	0	9
Adenosquamous ca.	1	0	0	0	0	0	0	1
Malig. melanoma, NOS	2	0	0	0	0	0	0	2
Mixed tumor, malig., NOS	0	0	0	0	0	0	1	1
Osteosarcoma, NOS	0	1	0	0	0	0	0	1
Malig. lymphoma, NOS	1	0	0	0	0	0	0	1
Total	338	221	121	97	39	13	55	884

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

Malig., 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 — 884 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	0	0	0	1	1
Carcinoma, NOS	0	0	1	0	0	1	1	3
Ca., undiff., NOS	0	0	0	0	3	1	0	4
Verrucous ca., NOS	1	0	0	1	0	0	0	2
Papillary S.C.C.	0	0	0	1	0	0	0	1
S.C.C.-in-situ, NOS	1	4	1	0	0	0	0	6
S.C.C., NOS	183	158	94	77	27	6	32	577
S.C.C., kerat., NOS	33	43	9	3	1	0	3	92
S.C.C., large cell, non-kerat.	0	5	1	1	0	0	0	7
S.C.C., spindle cell	1	1	0	1	0	0	1	4
S.C.C.-in-situ with quest. stromal invasion	1	0	0	0	0	0	0	1
Adenocarcinoma, NOS	0	0	0	0	0	1	2	3
Adenoid cystic ca.	3	0	1	2	0	1	0	7
Carcinoid tumor, NOS	0	1	0	0	0	0	0	1
Mucoepidermoid ca.	4	0	0	2	1	0	0	7
Adenosquamous ca.	1	0	0	0	0	0	0	1
Malig. melanoma, NOS	2	0	0	0	0	0	0	2
Mixed tumor, malig., NOS	0	0	0	0	0	0	0	0
Osteosarcoma, NOS	0	1	0	0	0	0	0	1
Malig. lymphoma, NOS	1	0	0	0	0	0	0	1
Total	231	213	107	88	32	10	40	721

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

Malig., 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 — 884 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, etc.	(7) Maxillary sinus	Total
Neoplasm, malig.	0	0	0	0	0	1	0	1
Carcinoma, NOS	0	0	0	0	0	0	0	0
Ca., undiff., NOS	0	0	0	0	0	0	0	0
Verrucous ca., NOS	1	0	0	0	0	0	0	1
Papillary S.C.C.	0	0	0	0	0	0	0	0
S.C.C.-in-situ, NOS	2	0	0	0	0	0	0	2
S.C.C., NOS	81	6	11	6	6	1	14	125
S.C.C., kerat., NOS	20	1	1	2	0	0	0	24
S.C.C., large cell, non-kerat.	0	1	1	0	0	0	0	2
S.C.C., spindle cell	1	0	0	0	0	0	0	1
S.C.C.-in-situ with quest. stromal invasion	0	0	0	0	0	0	0	0
Adenocarcinoma, NOS	1	0	1	0	0	1	0	3
Adenoid cystic ca.	0	0	0	0	1	0	0	1
Carcinoid tumor, NOS	0	0	0	0	0	0	0	0
Mucoepidermoid ca.	1	0	0	1	0	0	0	2
Adenosquamous ca.	0	0	0	0	0	0	0	0
Malig. melanoma, NOS	0	0	0	0	0	0	0	0
Mixed tumor, malig., NOS	0	0	0	0	0	0	1	1
Osteosarcoma, NOS	0	0	0	0	0	0	0	0
Malig. lymphoma, NOS	0	0	0	0	0	0	0	0
Total	107	8	14	9	7	3	15	163

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

Malig., 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 ——— 884 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	1	0	0	1	0	0	0	0	2
Tis	5	0	0	0	0	0	0	0	5
T1	168	7	3	3	5	2	6	0	194
T2	198	38	8	11	25	16	9	0	305
T3	85	39	1	7	26	19	5	1	183
T4	86	19	3	9	26	31	10	0	184
TX	3	0	0	0	0	0	0	8	11
Total	546	103	15	31	82	68	30	9	884

Head and Neck Carcinoma ——— 884 Cases

T and N Status (M0 Cases)

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	1	0	0	0	0	0	0	0	1
Tis	5	0	0	0	0	0	0	0	5
T1	163	6	3	3	5	2	4	0	186
T2	188	37	8	9	24	15	6	0	287
T3	81	36	1	4	25	16	2	1	166
T4	82	19	2	7	24	23	8	0	165
TX	3	0	0	0	0	0	0	0	3
Total	523	98	14	23	78	56	20	1	813

Head and Neck Carcinoma ----- 884 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	1	0	1
T2	0	0	0	0	0	1	3	0	4
T3	0	1	0	0	1	1	2	0	5
T4	0	0	0	1	1	4	2	0	8
TX	0	0	0	0	0	0	0	0	0
Total	0	1	0	1	2	6	8	0	18

Head and Neck Carcinoma ----- 884 Cases

T and N Status (MX Cases)

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	1	0	0	0	0	1
Tis	0	0	0	0	0	0	0	0	0
T1	5	1	0	0	0	0	1	0	7
T2	10	1	0	2	1	0	0	0	14
T3	4	2	0	3	0	2	1	0	12
T4	4	0	1	1	1	4	0	0	11
TX	0	0	0	0	0	0	0	8	8
Total	23	4	1	7	2	6	2	8	53

Head and Neck Carcinoma — 884 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	8	5	13	8	1	0	2	37
1)Rad. alone	17	122	18	20	14	2	1	194
2)Surg. alone	191	46	40	23	1	2	1	304
3)Preop. rad.	27	5	3	3	0	2	3	43
4)Postop. rad.	17	6	7	4	1	1	4	40
5)Preop. & postop. rad.	2	1	2	0	0	0	1	6
6)Rad. → salvage	1	3	1	2	0	0	4	11
7)Rad.+chem.+surg.	15	6	9	11	1	2	24	68
8)Rad.+chem.	7	13	13	18	19	4	13	87
9)Others	53	14	15	8	2	0	2	94
No information	0	0	0	0	0	0	0	0
Total	338	221	121	97	39	13	55	884

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 ----- 884Cases

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	37	17	38	31	44	160	11	0	338
2)Larynx	145	9	53	0	0	10	4	0	221
3)Hypopharynx	50	10	51	0	0	8	2	0	121
4)Mesopharynx	49	10	22	3	2	10	1	0	97
5)Nasopharynx	36	0	0	0	0	0	3	0	39
6)Nasal cavity, etc.	6	0	0	0	0	0	7	0	13
7)Maxillary sinus	15	10	15	2	0	7	6	0	55
Total	338	56	179	36	46	195	34	0	884

surg.: surgery.

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

Head and Neck Carcinoma — 884 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	160	162	20	29	8	11	41	431
1)Rad. alone	3	10	13	8	11	0	0	45
2)Surg. alone	95	28	34	14	0	0	5	176
3)Preop. rad.	13	3	4	4	0	0	1	25
4)Postop. rad.	15	4	15	11	1	0	1	47
5)Preop. & postop. rad.	2	1	3	1	0	0	0	7
6)Rad. → salvage	1	2	1	1	1	0	0	6
7)Rad.+chem.+surg.	7	5	10	11	1	1	3	38
8)Rad.+chem.	2	0	9	14	13	1	4	43
9)Others	40	6	12	4	4	0	0	66
No information	0	0	0	0	0	0	0	0
Total	338	221	121	97	39	13	55	884

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 ——— 884 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	153	54	96	28	1	6	338
2)Larynx	168	16	32	4	0	1	221
3)Hypopharynx	44	25 #	50	1	0	1	121
4)Mesopharynx	49	23	19	5	0	1	97
5)Nasopharynx	33	2	3	0	0	1	39
6)Nasal cavity, <i>etc.</i>	12	0	1	0	0	0	13
7)Maxillary sinus	44	1	7	1	1	1	55
Total	503	121	208	39	2	11	884

N.D.: neck dissection.

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

Head and Neck Carcinoma — 884 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	178	18	113	1	1	0	0	2	2	23	0	338
2)Larynx	210	2	6	0	0	2	0	0	0	1	0	221
3)Hypopharynx	60	3	53	0	0	2	0	0	0	3	0	121
4)Mesopharynx	60	5	32	0	0	0	0	0	0	0	0	97
5)Nasopharynx	38	0	0	0	0	0	0	0	0	0	1	39
6)Nasal cavity, etc.	13	0	0	0	0	0	0	0	0	0	0	13
7)Maxillary sinus	35	0	14	2	0	0	0	2	0	2	0	55
Total	594	28	218	3	1	4	0	4	2	29	1	884

recon.: reconstruction.

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

Head and Neck Carcinoma ——— 884 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	232	88	0	6	1	5	6	338
2)Larynx	60	159	0	0	0	0	2	221
3)Hypopharynx	51	69	0	0	0	0	1	121
4)Mesopharynx	37	54	0	0	0	5	1	97
5)Nasopharynx	3	35	0	0	0	0	1	39
6)Nasal cavity, etc.	2	11	0	0	0	0	0	13
7)Maxillary sinus	3	44	4	1	0	1	2	55
Total	388	460	4	7	1	11	13	884

R.T.: radiotherapy.

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

Head and Neck Carcinoma ----- 884 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	263	0	6	59	0	0	4	0	6	338
2)Larynx	192	0	0	28	0	0	0	0	1	221
3)Hypopharynx	80	0	0	39	0	0	1	0	1	121
4)Mesopharynx	58	0	0	38	0	0	0	0	1	97
5)Nasopharynx	16	0	1	21	0	0	0	0	1	39
6)Nasal cavity, etc.	7	0	1	5	0	0	0	0	0	13
7)Maxillary sinus	12	1	33	6	0	0	2	0	1	55
Total	628	1	41	196	0	0	7	0	11	884

chem.: chemotherapy.

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

Head and Neck Carcinoma ——— 884 Cases

Immunotherapy by Primary Site

Primary Site	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Oral cavity	332	0	6	338
2)Larynx	220	0	1	221
3)Hypopharynx	120	0	1	121
4)Mesopharynx	96	0	1	97
5)Nasopharynx	38	0	1	39
6)Nasal cavity, <i>etc.</i>	13	0	0	13
7)Maxillary sinus	54	0	1	55
Total	873	0	11	884

immuno.: immunotherapy.

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

Head and Neck Carcinoma ——— 884 Cases

Cryosurgery by Primary Site

Primary Site	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1) Oral cavity	332	0	6	338
2) Larynx	220	0	1	221
3) Hypopharynx	120	0	1	121
4) Mesopharynx	96	0	1	97
5) Nasopharynx	38	0	1	39
6) Nasal cavity, <i>etc.</i>	13	0	0	13
7) Maxillary sinus	53	0	2	55
Total	872	0	12	884

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

Oral Cavity

338 Cases

Carcinoma of the Oral Cavity ——— 338 Cases

Subsite

Subsite	Number of patients	
1)Lip	0	(0.0%)
2)Buccal mucosa	25	(7.4%)
3)Retromolar area	17	(5.0%)
4)Gingiva	60	(17.8%)
5)Hard palate	13	(3.8%)
6)Floor of the mouth	37	(10.9%)
7)Tongue	185	(54.7%)
9)Oral cavity, NOS	1	(0.3%)
Total	338	(100.0%)

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 338 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	5	3	0	8
30 - 39	5	4	0	9
40 - 49	21	7	0	28
50 - 59	62	16	0	78
60 - 69	78	30	0	108
70 - 79	51	30	0	81
80 - 89	9	15	0	24
90 -	0	2	0	2
Unknown	0	0	0	0
Total	231	107	0	338

Carcinoma of the Oral Cavity ----- 338 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	0	0	0	0
60 - 69	0	0	0	0
70 - 79	0	0	0	0
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	0	0	0	0

Carcinoma of the Oral Cavity ----- 338 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	0	0	0
30 - 39	0	0	0	0
40 - 49	2	0	0	2
50 - 59	3	0	0	3
60 - 69	7	5	0	12
70 - 79	2	2	0	4
80 - 89	1	3	0	4
90 -	0	0	0	0
Unknown	0	0	0	0
Total	15	10	0	25

Carcinoma of the Oral Cavity ----- 338 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	1	0	2
50 - 59	2	0	0	2
60 - 69	4	0	0	4
70 - 79	5	2	0	7
80 - 89	2	0	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	14	3	0	17

Carcinoma of the Oral Cavity ——— 338 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	0	0	0
40 - 49	2	1	0	3
50 - 59	9	2	0	11
60 - 69	12	8	0	20
70 - 79	11	12	0	23
80 - 89	1	2	0	3
90 -	0	0	0	0
Unknown	0	0	0	0
Total	35	25	0	60

Carcinoma of the Oral Cavity ----- 338 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	0	0	0
30 - 39	0	0	0	0
40 - 49	0	0	0	0
50 - 59	4	1	0	5
60 - 69	3	0	0	3
70 - 79	1	3	0	4
80 - 89	1	0	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	9	4	0	13

Carcinoma of the Oral Cavity ----- 338 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	2	0	0	2
50 - 59	8	2	0	10
60 - 69	16	1	0	17
70 - 79	6	1	0	7
80 - 89	0	0	0	0
90 -	0	1	0	1
Unknown	0	0	0	0
Total	32	5	0	37

Carcinoma of the Oral Cavity ----- 338 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	5	3	0	8
30 - 39	5	4	0	9
40 - 49	14	4	0	18
50 - 59	36	11	0	47
60 - 69	36	16	0	52
70 - 79	26	10	0	36
80 - 89	4	10	0	14
90 -	0	1	0	1
Unknown	0	0	0	0
Total	126	59	0	185

Carcinoma of the Oral Cavity ——— 338Cases

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	1	0	1
50 - 59	0	0	0	0
60 - 69	0	0	0	0
70 - 79	0	0	0	0
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	0	1	0	1

NOS: not otherwise specified.

Carcinoma of the Oral Cavity — 338 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
Verrucous ca., NOS	0	0	0	0	0	0	2	0	2
S.C.C.-in-situ, NOS	0	0	0	0	0	0	3	0	3
S.C.C., NOS	0	17	14	48	8	30	146	1	264
S.C.C., kerat., NOS	0	7	1	8	2	4	31	0	53
S.C.C., spindle cell	0	0	0	1	0	0	1	0	2
S.C.C.-in-situ with quest. stromal invasion	0	0	0	0	0	0	1	0	1
Adenocarcinoma, NOS	0	0	0	0	1	0	0	0	1
Adenoid cystic ca.	0	0	1	0	0	2	0	0	3
Mucoepidermoid ca.	0	1	0	2	1	0	1	0	5
Adenosquamous ca.	0	0	0	0	0	1	0	0	1
Malig. melanoma, NOS	0	0	1	0	1	0	0	0	2
Malig. lymphoma, NOS	0	0	0	1	0	0	0	0	1
Total	0	25	17	60	13	37	185	1	338

NOS: not otherwise specified.

kerat.: keratinizing.

ca.: carcinoma.

quest.: questionable.

S.C.C.: squamous cell carcinoma.

Malig.: malignant.

Carcinoma of the Oral Cavity ——— 338 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	59	4	0	0	1	0	1	0	65
T2	105	23	1	1	11	5 *	0	0	146
T3	28	17	0	2	5	1	1	0	54
T4	32	10	0	1	11 *	13 **	2	0	69
TX	0	0	0	0	0	0	0	4	4
Total	224	54	1	4	28	19	4	4	338

M1: 4 cases. Each * signifies one M1case.

Carcinoma of the Oral Cavity ----- 338 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	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	0	0	0	0	0	0	0	0	0
TX	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0

M1: 0 case.

Carcinoma of the Oral Cavity ——— 338 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	3	1	0	0	0	0	0	0	4
T2	6	1	0	0	3	0	0	0	10
T3	3	1	0	1	0	0	0	0	5
T4	5	1	0	0	0	0	0	0	6
TX	0	0	0	0	0	0	0	0	0
Total	17	4	0	1	3	0	0	0	25

M1: 0 case.

Carcinoma of the Oral Cavity ——— 338 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	2	0	0	0	0	0	0	0	2
T2	6	1	0	0	0	0	0	0	7
T3	0	1	0	0	0	0	0	0	1
T4	4	1	0	1	0	0	0	0	6
TX	0	0	0	0	0	0	0	1	1
Total	12	3	0	1	0	0	0	1	17

M1: 0 case.

Carcinoma of the Oral Cavity ——— 338 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	3	0	0	0	1	0	0	0	4
T2	10	2	0	0	4	0	0	0	16
T3	5	3	0	0	0	0	0	0	8
T4	15	5	0	0	7	2 *	2	0	31
TX	0	0	0	0	0	0	0	1	1
Total	33	10	0	0	12	2	2	1	60

M1: 1 case. Each * signifies one M1case.

Carcinoma of the Oral Cavity ——— 338 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	1	0	0	0	0	0	0	0	1
T2	5	0	0	0	0	0	0	0	5
T3	1	1	0	0	0	0	0	0	2
T4	4	0	0	0	0	0	0	0	4
TX	0	0	0	0	0	0	0	1	1
Total	11	1	0	0	0	0	0	1	13

M1: 0 case.

Carcinoma of the Oral Cavity ——— 338 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	5	0	0	0	0	0	0	0	5
T2	11	3	1	0	2	3 *	0	0	20
T3	3	0	0	0	1	0	0	0	4
T4	0	2	0	0	1 *	4	0	0	7
TX	0	0	0	0	0	0	0	1	1
Total	19	5	1	0	4	7	0	1	37

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

Carcinoma of the Oral Cavity ----- 338 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	45	3	0	0	0	0	1	0	49
T2	67	16	0	1	2	2	0	0	88
T3	16	11	0	1	4	1	1	0	34
T4	3	1	0	0	3	7 *	0	0	14
TX	0	0	0	0	0	0	0	0	0
Total	131	31	0	2	9	10	2	0	185

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

Carcinoma of the Oral Cavity ——— 338 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 — 338 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) the mouth	(7) Tongue	(9) Oral cavity, NOS	Total
0)No treatment	0	1	0	1	0	3	3	0	8
1)Rad. alone	0	7	0	1	3	4	2	0	17
2)Surg. alone	0	6	8	27	3	16	131	0	191
3)Preop. rad.	0	4	1	9	0	2	11	0	27
4)Postop. rad.	0	1	2	2	1	0	11	0	17
5)Preop. & postop. rad.	0	0	0	1	0	1	0	0	2
6)Rad. → salvage	0	0	1	0	0	0	0	0	1
7)Rad.+chem.+surg.	0	0	2	6	0	3	4	0	15
8)Rad.+chem.	0	2	0	1	2	0	2	0	7
9)Others	0	4	3	12	4	8	21	1	53
No information	0	0	0	0	0	0	0	0	0
Total	0	25	17	60	13	37	185	1	338

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ——— 338 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	0	0	0	0	0	0	0	0	0
2)Buccal mucosa	9	1	3	2	0	8	2	0	25
3)Retromolar area	0	1	5	0	1	9	1	0	17
4)Gingiva	4	4	5	7	9	27	4	0	60
5)Hard palate	4	0	1	0	1	6	1	0	13
6)Floor of the mouth	8	2	7	5	0	14	1	0	37
7)Tongue	12	9	17	17	33	96	1	0	185
9)Oral cavity, NOS	0	0	0	0	0	0	1	0	1
Total	37	17	38	31	44	160	11	0	338

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity — 338 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	0	16	7	19	11	17	89	1	160
1)Rad. alone	0	0	0	0	0	1	2	0	3
2)Surg. alone	0	3	5	22	0	8	57	0	95
3)Preop. rad.	0	2	0	6	0	0	5	0	13
4)Postop. rad.	0	1	0	3	0	2	9	0	15
5)Preop. & postop. rad.	0	0	1	0	0	1	0	0	2
6)Rad. → salvage	0	0	1	0	0	0	0	0	1
7)Rad.+chem.+surg.	0	0	1	0	0	2	4	0	7
8)Rad.+chem.	0	0	0	0	0	0	2	0	2
9)Others	0	3	2	10	2	6	17	0	40
No information	0	0	0	0	0	0	0	0	0
Total	0	25	17	60	13	37	185	1	338

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ——— 338 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	0	0	0	0	0	0	0
2)Buccal mucosa	13	3	6	2	0	1	25
3)Retromolar area	5	5	7	0	0	0	17
4)Gingiva	16	19	19	4	0	2	60
5)Hard palate	10	1	1	0	0	1	13
6)Floor of the mouth	17	5	12	3	0	0	37
7)Tongue	92	21	51	19	1	1	185
9)Oral cavity, NOS	0	0	0	0	0	1	1
Total	153	54	96	28	1	6	338

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity —338 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	0	0	0	0	0	0	0	0	0	0	0	0
2)Buccal mucosa	12	2	9	0	0	0	0	0	0	2	0	25
3)Retromolar area	5	1	9	0	0	0	0	0	0	2	0	17
4)Gingiva	23	7	22	1	1	0	0	0	1	5	0	60
5)Hard palate	10	0	1	0	0	0	0	0	0	2	0	13
6)Floor of the mouth	15	3	13	0	0	0	0	2	1	3	0	37
7)Tongue	113	5	59	0	0	0	0	0	0	8	0	185
9)Oral cavity, NOS	0	0	0	0	0	0	0	0	0	1	0	1
Total	178	18	113	1	1	0	0	2	2	23	0	338

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ——— 338 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	0	0	0	0	0	0	0	0
2)Buccal mucosa	9	11	0	2	0	2	1	25
3)Retromolar area	11	6	0	0	0	0	0	17
4)Gingiva	35	22	0	1	0	0	2	60
5)Hard palate	7	5	0	0	0	0	1	13
6)Floor of the mouth	25	9	0	2	0	1	0	37
7)Tongue	145	35	0	1	1	2	1	185
9)Oral cavity, NOS	0	0	0	0	0	0	1	1
Total	232	88	0	6	1	5	6	338

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ———338 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	0	0	0	0	0	0	0	0	0	0
2)Buccal mucosa	19	0	1	4	0	0	0	0	1	25
3)Retromolar area	13	0	1	3	0	0	0	0	0	17
4)Gingiva	39	0	3	14	0	0	2	0	2	60
5)Hard palate	8	0	0	4	0	0	0	0	1	13
6)Floor of the mouth	26	0	1	10	0	0	0	0	0	37
7)Tongue	158	0	0	24	0	0	2	0	1	185
9)Oral cavity, NOS	0	0	0	0	0	0	0	0	1	1
Total	263	0	6	59	0	0	4	0	6	338

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity — 338 Cases

Immunotherapy by Subsite

Subsite	(0)	(1)	No information	Total
	Without immuno.	With immuno.		
1)Lip	0	0	0	0
2)Buccal mucosa	24	0	1	25
3)Retromolar area	17	0	0	17
4)Gingiva	58	0	2	60
5)Hard palate	12	0	1	13
6)Floor of the mouth	37	0	0	37
7)Tongue	184	0	1	185
9)Oral cavity, NOS	0	0	1	1
Total	332	0	6	338

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 338 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Lip	0	0	0	0
2)Buccal mucosa	24	0	1	25
3)Retromolar area	17	0	0	17
4)Gingiva	58	0	2	60
5)Hard palate	12	0	1	13
6)Floor of the mouth	37	0	0	37
7)Tongue	184	0	1	185
9)Oral cavity, NOS	0	0	1	1
Total	332	0	6	338

NOS: not otherwise specified.

Larynx

221 Cases

Carcinoma of the Larynx ----- 221 Cases

Subsite

Subsite	Number of patients
Glottis	153 (69.2%)
Supraglottis	61 (27.6%)
Subglottis	6 (2.7%)
Larynx, NOS	1 (0.5%)
Total	221 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Larynx ——— 221 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	0	0	0	0
40 - 49	7	2	0	9
50 - 59	42	2	0	44
60 - 69	80	1	0	81
70 - 79	62	2	0	64
80 - 89	20	1	0	21
90 -	1	0	0	1
Unknown	0	0	0	0
Total	213	8	0	221

Carcinoma of the Larynx ——— 221 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	5	1	0	6
50 - 59	27	2	0	29
60 - 69	62	0	0	62
70 - 79	41	1	0	42
80 - 89	12	1	0	13
90 -	1	0	0	1
Unknown	0	0	0	0
Total	148	5	0	153

Carcinoma of the Larynx ——— 221 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	1	0	0	1
30 - 39	0	0	0	0
40 - 49	1	1	0	2
50 - 59	14	0	0	14
60 - 69	16	1	0	17
70 - 79	19	1	0	20
80 - 89	7	0	0	7
90 -	0	0	0	0
Unknown	0	0	0	0
Total	58	3	0	61

Carcinoma of the Larynx ----- 221 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	1	0	0	1
50 - 59	0	0	0	0
60 - 69	2	0	0	2
70 - 79	2	0	0	2
80 - 89	1	0	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	6	0	0	6

Carcinoma of the Larynx ——— 221 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	0	0	0	0
50 - 59	1	0	0	1
60 - 69	0	0	0	0
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 Larynx ----- 221 Cases

Histological Distribution by Subsite

Histologic type	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
S.C.C.-in-situ, NOS	3	1	0	0	4
S.C.C., NOS	110	47	6	1	164
S.C.C., kerat., NOS	34	10	0	0	44
S.C.C., large cell, non-kerat.	4	2	0	0	6
S.C.C., spindle cell	1	0	0	0	1
Carcinoid tumor, NOS	0	1	0	0	1
Osteosarcoma, NOS	1	0	0	0	1
Total	153	61	6	1	221

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Larynx ——— 221 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	1	0	0	0	0	0	0	0	1
Tis	5	0	0	0	0	0	0	0	5
T1	89	0	0	0	0	0	0	0	89
T2	51	3	2	1	1	4	3 *	0	65
T3	19	4	0	0	4	5	1	0	33
T4	18	2	0	3	2	3	0	0	28
TX	0	0	0	0	0	0	0	0	0
Total	183	9	2	4	7	12	4	0	221

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

Carcinoma of the Larynx ----- 221 Cases

Carcinoma of the Glottis

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	1	0	0	0	0	0	0	0	1
Tis	4	0	0	0	0	0	0	0	4
T1	3	0	0	0	0	0	0	0	3
T1a	56	0	0	0	0	0	0	0	56
T1b	25	0	0	0	0	0	0	0	25
T2	38	2	1	0	1	1	0	0	43
T3	8	1	0	0	0	0	0	0	9
T4	8	0	0	1	2	1	0	0	12
TX	0	0	0	0	0	0	0	0	0
Total	143	3	1	1	3	2	0	0	153

M1: 0 case.

Carcinoma of the Larynx ----- 221 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	1	0	0	0	0	0	0	0	1
T1	5	0	0	0	0	0	0	0	5
T2	12	0	1	1	0	3	3 *	0	20
T3	10	3	0	0	3	5	1	0	22
T4	8	2	0	1	0	2	0	0	13
TX	0	0	0	0	0	0	0	0	0
Total	36	5	1	2	3	10	4	0	61

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

Carcinoma of the Larynx ——— 221 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	1	1	0	0	0	0	0	0	2
T3	1	0	0	0	1	0	0	0	2
T4	1	0	0	1	0	0	0	0	2
TX	0	0	0	0	0	0	0	0	0
Total	3	1	0	1	1	0	0	0	6

M1: 0 case.

Carcinoma of the Larynx ——— 221 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	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 Larynx ----- 221 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	2	3	0	0	5
1)Rad. alone	94	25	3	0	122
2)Surg. alone	22	21	2	1	46
3)Preop. rad.	5	0	0	0	5
4)Postop. rad.	3	3	0	0	6
5)Preop. & postop. rad.	1	0	0	0	1
6)Rad. → salvage	2	0	1	0	3
7)Rad.+chem.+surg.	3	3	0	0	6
8)Rad.+chem.	12	1	0	0	13
9)Others	9	5	0	0	14
No information	0	0	0	0	0
Total	153	61	6	1	221

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx — 221 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	1	1	0	5
1)Rad. alone	1	0	71	36	8	6	0	122
2)Surg. alone	0	0	6	11	17	12	0	46
3)Preop. rad.	0	0	0	3	1	1	0	5
4)Postop. rad.	0	0	1	2	1	2	0	6
5)Preop. & postop. rad.	0	0	0	1	0	0	0	1
6)Rad.→ salvage	0	0	1	1	0	1	0	3
7)Rad.+chem.+surg.	0	1	0	1	3	1	0	6
8)Rad.+chem.	0	4	5	4	0	0	0	13
9)Others	0	0	4	4	2	4	0	14
No information	0	0	0	0	0	0	0	0
Total	1	5	89	65	33	28	0	221

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx — 221 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	0	0	0	2
1)Rad. alone	1	0	2	45	21	23	1	1	0	94
2)Surg. alone	0	0	1	3	0	8	4	6	0	22
3)Preop. rad.	0	0	0	0	0	3	1	1	0	5
4)Postop. rad.	0	0	0	1	0	1	0	1	0	3
5)Preop. & postop. rad.	0	0	0	0	0	1	0	0	0	1
6)Rad. → salvage	0	0	0	1	0	1	0	0	0	2
7)Rad.+chem.+surg.	0	0	0	0	0	0	2	1	0	3
8)Rad.+chem.	0	4	0	2	3	3	0	0	0	12
9)Others	0	0	0	4	0	2	1	2	0	9
No information	0	0	0	0	0	0	0	0	0	0
Total	1	4	3	56	25	43	9	12	0	153

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx —221 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	3	11	6	5	0	25
2)Surg. alone	0	0	2	3	12	4	0	21
3)Preop. rad.	0	0	0	0	0	0	0	0
4)Postop. rad.	0	0	0	1	1	1	0	3
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	1	0	1	1	0	0	3
8)Rad.+chem.	0	0	0	1	0	0	0	1
9)Others	0	0	0	2	1	2	0	5
No information	0	0	0	0	0	0	0	0
Total	0	1	5	20	22	13	0	61

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx —221 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	2	1	0	0	3
2)Surg. alone	0	0	0	0	1	1	0	2
3)Preop. rad.	0	0	0	0	0	0	0	0
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	0	0	1	0	1
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	2	2	2	0	6

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx — 221 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	0	0	0	0	0	0
2)Surg. alone	0	0	0	0	0	1	0	1
3)Preop. rad.	0	0	0	0	0	0	0	0
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	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	0	0	1	0	1

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Larynx ——— 221 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)	112	7	24	0	7	3	0	153
Supraglottis (1611)	30	1	26	0	3	1	0	61
Subglottis (1612)	3	1	2	0	0	0	0	6
Larynx, NOS (1619)	0	0	1	0	0	0	0	1
Total	145	9	53	0	10	4	0	221

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Larynx ——— 221 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	1	4	80	44	9	7	0	145
1)Extended total	0	0	0	4	3	2	0	9
2)Total	0	1	2	10	21	19	0	53
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	4	6	0	0	0	10
9)Others	0	0	3	1	0	0	0	4
No information	0	0	0	0	0	0	0	0
Total	1	5	89	65	33	28	0	221

Carcinoma of the Larynx ——— 221 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	1	4	2	50	25	28	1	1	0	112
1)Extended total	0	0	0	0	0	4	2	1	0	7
2)Total	0	0	1	1	0	6	6	10	0	24
3)Subtotal	0	0	0	0	0	0	0	0	0	0
4)Partial	0	0	0	2	0	5	0	0	0	7
9)Others	0	0	0	3	0	0	0	0	0	3
No information	0	0	0	0	0	0	0	0	0	0
Total	1	4	3	56	25	43	9	12	0	153

Carcinoma of the Larynx ——— 221 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	3	14	7	6	0	30
1)Extended total	0	0	0	0	1	0	0	1
2)Total	0	1	0	4	14	7	0	26
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	2	1	0	0	0	3
9)Others	0	0	0	1	0	0	0	1
No information	0	0	0	0	0	0	0	0
Total	0	1	5	20	22	13	0	61

Carcinoma of the Larynx ----- 221 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	2	1	0	0	3
1)Extended total	0	0	0	0	0	1	0	1
2)Total	0	0	0	0	1	1	0	2
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	2	2	2	0	6

Carcinoma of the Larynx ——— 221 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	0	0	0	0	0	0
1)Extended total	0	0	0	0	0	0	0	0
2)Total	0	0	0	0	0	1	0	1
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	0	0	1	0	1

NOS: not otherwise specified.

Carcinoma of the Larynx ——— 221 Cases.

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	134	25	3	0	162
1)Rad. alone	1	9	0	0	10
2)Surg. alone	8	19	0	1	28
3)Preop. rad.	2	0	1	0	3
4)Postop. rad.	2	2	0	0	4
5)Preop. & postop. rad.	0	0	1	0	1
6)Rad. → salvage	0	1	1	0	2
7)Rad.+chem.+surg.	3	2	0	0	5
8)Rad.+chem.	0	0	0	0	0
9)Others	3	3	0	0	6
No information	0	0	0	0	0
Total	153	61	6	1	221

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ——— 221 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)	130	6	14	3	0	0	153
Supraglottis (1611)	35	8	16	1	0	1	61
Subglottis (1612)	3	2	1	0	0	0	6
Larynx, NOS (1619)	0	0	1	0	0	0	1
Total	168	16	32	4	0	1	221

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Larynx ——— 221 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)	147	1	3	1	0	1	0	0	0	153
Supraglottis (1611)	57	1	0	1	1	0	0	1	0	61
Subglottis (1612)	5	0	0	1	0	0	0	0	0	6
Larynx, NOS (1619)	1	0	0	0	0	0	0	0	0	1
Total	210	2	3	3	1	1	0	1	0	221

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Larynx ——— 221 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)	30	122	0	0	0	0	1	153
Supraglottis (1611)	27	33	0	0	0	0	1	61
Subglottis (1612)	2	4	0	0	0	0	0	6
Larynx, NOS (1619)	1	0	0	0	0	0	0	1
Total	60	159	0	0	0	0	2	221

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ——— 221 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)	133	0	0	20	0	0	0	0	0	153
Supraglottis (1611)	52	0	0	8	0	0	0	0	1	61
Subglottis (1612)	6	0	0	0	0	0	0	0	0	6
Larynx, NOS (1619)	1	0	0	0	0	0	0	0	0	1
Total	192	0	0	28	0	0	0	0	1	221

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ——— 221 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Glottis (1610)	153	0	0	153
Supraglottis (1611)	60	0	1	61
Subglottis (1612)	6	0	0	6
Larynx, NOS (1619)	1	0	0	1
Total	220	0	1	221

immuno.: immunotherapy.

NOS: not otherwise specified.

Hypopharynx

121 Cases

Carcinoma of the Hypopharynx ——— 121 Cases

Subsite

Subsite	Number of patients	
Postcricoid	11	(9.1%)
Pyriiform sinus	82	(67.8%)
Posterior wall	25	(20.7%)
Cervical esophagus	1	(0.8%)
Hypopharynx, NOS	2	(1.7%)
Total	121	(100.0%)

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 121 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	5	0	0	5
50 - 59	25	4	0	29
60 - 69	38	8	0	46
70 - 79	35	1	0	36
80 - 89	4	1	0	5
90 -	0	0	0	0
Unknown	0	0	0	0
Total	107	14	0	121

Carcinoma of the Hypopharynx — 121 Cases

Histological Distribution by Subsite

Histologic type	Post-cricoid (1480)	Pyriform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
Carcinoma, NOS	1	0	0	0	0	1
S.C.C.-in-situ, NOS	0	1	0	0	0	1
S.C.C., NOS	9	71	23	1	1	105
S.C.C., kerat., NOS	1	8	0	0	1	10
S.C.C., large cell, non-kerat.	0	1	1	0	0	2
Adenocarcinoma, NOS	0	1	0	0	0	1
Adenoid cystic ca.	0	0	1	0	0	1
Total	11	82	25	1	2	121

NOS: not otherwise specified.
ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Hypopharynx ----- 121 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	1	0	0	0	0	1
Tis	0	0	0	0	0	0	0	0	0
T1	7	1	0	2	0	0	1 *	0	11
T2	13	6	0	4	7	3	3 **	0	36
T3	12	12 *	1	4	11 *	10 *	0	1	51
T4	4	3	1	4	4	2	3 *	0	21
TX	0	0	0	0	0	0	0	1	1
Total	36	22	2	15	22	15	7	2	121

M1: 7 cases. Each * signifies one M1 case.

Carcinoma of the Hypopharynx ——— 121 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	2	10	1	0	0	13
1)Rad. alone	0	10	7	0	1	18
2)Surg. alone	3	27	10	0	0	40
3)Preop. rad.	2	1	0	0	0	3
4)Postop. rad.	1	5	1	0	0	7
5)Preop. & postop. rad.	0	1	0	1	0	2
6)Rad.→ salvage	1	0	0	0	0	1
7)Rad.+chem.+surg.	0	8	1	0	0	9
8)Rad.+chem.	0	10	3	0	0	13
9)Others	2	10	2	0	1	15
No information	0	0	0	0	0	0
Total	11	82	25	1	2	121

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ——— 121 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)	3	0	8	0	0	0	0	11
Pyriiform sinus	(1481)	35	6	37	0	4	0	0	82
Posterior wall	(1483)	10	4	5	0	4	2	0	25
Cervical esophagus	(1500)	0	0	1	0	0	0	0	1
Hypopharynx, NOS	(1489)	2	0	0	0	0	0	0	2
Total		50	10	51	0	8	2	0	121

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ——— 121 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Post-cricoid (1480)	Pyriiform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
0)No treatment	3	11	6	0	0	20
1)Rad. alone	0	7	5	0	1	13
2)Surg. alone	3	24	7	0	0	34
3)Preop. rad.	2	2	0	0	0	4
4)Postop. rad.	2	11	2	0	0	15
5)Preop. & postop. rad.	0	2	0	1	0	3
6)Rad.→ salvage	0	0	1	0	0	1
7)Rad.+chem.+surg.	0	9	1	0	0	10
8)Rad.+chem.	0	7	2	0	0	9
9)Others	1	9	1	0	1	12
No information	0	0	0	0	0	0
Total	11	82	25	1	2	121

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ——— 121 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)	3	3	5	0	0	0	11
Pyriiform sinus (1481)	28	19	34	1	0	0	82
Posterior wall (1483)	11	3	10	0	0	1	25
Cervical esophagus (1500)	0	0	1	0	0	0	1
Hypopharynx, NOS (1489)	2	0	0	0	0	0	2
Total	44	25	50	1	0	1	121

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ——— 121 Cases

Reconstructive Surgery by Subsite

		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(9)	No infor- mation	Total
Subsite		No recon.	Pedicled flap	Free flap	Free jejunum	(1)+ (2)	(1)+ (3)	(2)+ (3)	Others		
Postcricoid	(1480)	3	1	1	6	0	0	0	0	0	11
Pyriiform sinus	(1481)	43	2	8	27	0	1	0	1	0	82
Posterior wall	(1483)	12	0	2	8	0	1	0	2	0	25
Cervical esophagus	(1500)	0	0	0	1	0	0	0	0	0	1
Hypopharynx, NOS	(1489)	2	0	0	0	0	0	0	0	0	2
Total		60	3	11	42	0	2	0	3	0	121

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ——— 121 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)	5	6	0	0	0	0	0	11
Pyriiform sinus	(1481)	34	48	0	0	0	0	0	82
Posterior wall	(1483)	11	13	0	0	0	0	1	25
Cervical esophagus	(1500)	0	1	0	0	0	0	0	1
Hypopharynx, NOS	(1489)	1	1	0	0	0	0	0	2
Total		51	69	0	0	0	0	1	121

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ——— 121 Cases

Chemotherapy by Subsite

		(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)		
Subsite		No chem.	Topical	Arterial	Systemic	(1)+(2)	(1)+(3)	(2)+(3)	(1)+(2)+(3)	No information	Total
Postcricoid	(1480)	7	0	0	4	0	0	0	0	0	11
Pyriiform sinus	(1481)	52	0	0	29	0	0	1	0	0	82
Posterior wall	(1483)	19	0	0	5	0	0	0	0	1	25
Cervical esophagus	(1500)	1	0	0	0	0	0	0	0	0	1
Hypopharynx, NOS	(1489)	1	0	0	1	0	0	0	0	0	2
Total		80	0	0	39	0	0	1	0	1	121

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ——— 121 Cases

Immunotherapy by Subsite

Subsite		(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Postcricoid	(1480)	11	0	0	11
Pyriiform sinus	(1481)	82	0	0	82
Posterior wall	(1483)	24	0	1	25
Cervical esophagus	(1500)	1	0	0	1
Hypopharynx, NOS	(1489)	2	0	0	2
Total		120	0	1	121

immuno.: immunotherapy.

NOS: not otherwise specified.

Mesopharynx

97 Cases

Carcinoma of the Mesopharynx ——— 97 Cases

Subsite

Subsite	Number of patients
Soft palate	15 (15.5%)
Lateral wall	58 (59.8%)
Posterior wall	5 (5.2%)
Base of the tongue	18 (18.6%)
Mesopharynx, NOS	1 (1.0%)
Total	97 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ——— 97 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	6	0	0	6
50 - 59	24	2	0	26
60 - 69	30	2	0	32
70 - 79	26	4	0	30
80 - 89	1	0	0	1
90 -	1	0	0	1
Unknown	0	0	0	0
Total	88	9	0	97

Carcinoma of the Mesopharynx ——— 97 Cases

Histological Distribution by Subsite

Histologic type	Soft palate	Lateral wall	Posterior wall	Base of the tongue	Mesopharynx, NOS	Total
Verrucous ca., NOS	1	0	0	0	0	1
Papillary S.C.C.	0	1	0	0	0	1
S.C.C., NOS	11	51	5	15	1	83
S.C.C., kerat., NOS	1	2	0	2	0	5
S.C.C., large cell, non-kerat.	0	1	0	0	0	1
S.C.C., spindle cell	0	1	0	0	0	1
Adenoid cystic ca.	1	0	0	1	0	2
Mucoepidermoid ca.	1	2	0	0	0	3
Total	15	58	5	18	1	97

NOS: not otherwise specified.

ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Mesopharynx ——— 97 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	0	0	1	3	1	2	0	11
T2	16	3	0	5	5	3	2	0	34
T3	8	4	0	1	6	3	2 **	0	24
T4	10	1	0	1 *	7	5 *	4 *	0	28
TX	0	0	0	0	0	0	0	0	0
Total	38	8	0	8	21	12	10	0	97

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

Carcinoma of the Mesopharynx — 97 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	2	3	1	2	0	8
1)Rad. alone	4	12	2	2	0	20
2)Surg. alone	5	10	2	6	0	23
3)Preop. rad.	0	2	0	0	1	3
4)Postop. rad.	0	3	0	1	0	4
5)Preop. & postop. rad.	0	0	0	0	0	0
6)Rad.→ salvage	0	1	0	1	0	2
7)Rad.+chem.+surg.	2	7	0	2	0	11
8)Rad.+chem.	1	14	0	3	0	18
9)Others	1	6	0	1	0	8
No information	0	0	0	0	0	0
Total	15	58	5	18	1	97

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ——— 97 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	6	2	4	0	0	3	0	0	15
Lateral wall	33	4	13	2	2	3	1	0	58
Posterior wall	3	0	1	0	0	1	0	0	5
Base of the tongue	7	4	4	1	0	2	0	0	18
Mesopharynx, NOS	0	0	0	0	0	1	0	0	1
Total	49	10	22	3	2	10	1	0	97

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx — 97 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	9	16	2	2	0	29
1)Rad. alone	1	6	1	0	0	8
2)Surg. alone	3	5	1	5	0	14
3)Preop. rad.	0	2	0	1	1	4
4)Postop. rad.	0	7	1	3	0	11
5)Preop. & postop. rad.	0	0	0	1	0	1
6)Rad. → salvage	0	1	0	0	0	1
7)Rad.+chem.+surg.	1	8	0	2	0	11
8)Rad.+chem.	1	10	0	3	0	14
9)Others	0	3	0	1	0	4
No information	0	0	0	0	0	0
Total	15	58	5	18	1	97

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx — 97 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	11	1	2	1	0	0	15
Lateral wall	30	12	11	4	0	1	58
Posterior wall	3	1	1	0	0	0	5
Base of the tongue	5	8	5	0	0	0	18
Mesopharynx, NOS	0	1	0	0	0	0	1
Total	49	23	19	5	0	1	97

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx — 97 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	9	0	6	0	0	0	0	0	0	0	0	15
Lateral wall	39	1	18	0	0	0	0	0	0	0	0	58
Posterior wall	3	1	1	0	0	0	0	0	0	0	0	5
Base of the tongue	9	3	6	0	0	0	0	0	0	0	0	18
Mesopharynx, NOS	0	0	1	0	0	0	0	0	0	0	0	1
Total	60	5	32	0	0	0	0	0	0	0	0	97

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ——— 97 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	9	5	0	0	0	1	0	15
Lateral wall	17	38	0	0	0	2	1	58
Posterior wall	3	2	0	0	0	0	0	5
Base of the tongue	8	8	0	0	0	2	0	18
Mesopharynx, NOS	0	1	0	0	0	0	0	1
Total	37	54	0	0	0	5	1	97

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ——— 97 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	10	0	0	5	0	0	0	0	0	15
Lateral wall	31	0	0	26	0	0	0	0	1	58
Posterior wall	5	0	0	0	0	0	0	0	0	5
Base of the tongue	11	0	0	7	0	0	0	0	0	18
Mesopharynx, NOS	1	0	0	0	0	0	0	0	0	1
Total	58	0	0	38	0	0	0	0	1	97

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ——— 97 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Soft palate	15	0	0	15
Lateral wall	57	0	1	58
Posterior wall	5	0	0	5
Base of the tongue	18	0	0	18
Mesopharynx, NOS	1	0	0	1
Total	96	0	1	97

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ——— 97 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
Soft palate	15	0	0	15
Lateral wall	57	0	1	58
Posterior wall	5	0	0	5
Base of the tongue	18	0	0	18
Mesopharynx, NOS	1	0	0	1
Total	96	0	1	97

NOS: not otherwise specified.

Nasopharynx

39 Cases

Carcinoma of the Nasopharynx ——— 39 Cases

Subsite

Subsite	Number of patients
Postero-superior wall	12 (30.8%)
Lateral wall	19 (48.7%)
Inferior wall	2 (5.1%)
Nasopharynx, NOS	6 (15.4%)
Total	39 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ——— 39 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	2	0	2
30 - 39	2	0	0	2
40 - 49	3	2	0	5
50 - 59	13	0	0	13
60 - 69	10	2	0	12
70 - 79	4	1	0	5
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	32	7	0	39

Carcinoma of the Nasopharynx ——— 39Cases

Histological Distribution by Subsite

Histologic type	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
Ca., undiff., NOS	2	1	0	0	3
S.C.C., NOS	10	17	1	5	33
S.C.C., kerat., NOS	0	0	0	1	1
Adenoid cystic ca.	0	0	1	0	1
Mucoepidermoid ca.	0	1	0	0	1
Total	12	19	2	6	39

NOS: not otherwise specified.

undiff.: undifferentiated.

kerat.: keratinizing.

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

Carcinoma of the Nasopharynx ——— 39 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	2	3	0	1	1	2	0	16
T2	3	1	1	0	0	1	1	0	7
T2a	0	0	1	0	0	0	0	0	1
T2b	0	2	3	0	1	0	0	0	6
T3	0	0	0	0	0	0	1	0	1
T4	1	0	1	0	0	5 *	0	0	7
TX	0	0	0	0	0	0	0	1	1
Total	11	5	9	0	2	7	4	1	39

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

Carcinoma of the Nasopharynx ——— 39 Cases

Cranial Nerve Palsy

Without cranial nerve palsy 33 cases
 With cranial nerve palsy 6 cases

Cranial nerve	Right		Left	
	Incomplete palsy	Complete palsy	Incomplete palsy	Complete palsy
I	0	0	1	0
II	0	0	0	0
III	0	0	0	0
IV	0	0	0	0
V	1	0	0	1
VI	1	1	0	0
VII	1	0	0	0
VIII	1	0	0	3
IX	0	0	1	0
X	0	0	0	0
XI	0	0	0	0
XII	1	0	0	0

Carcinoma of the Nasopharynx ——— 39 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	1	1
1)Rad. alone	2	9	1	2	14
2)Surg. alone	0	1	0	0	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.	1	0	0	0	1
8)Rad.+chem.	9	9	0	1	19
9)Others	0	0	0	2	2
No information	0	0	0	0	0
Total	12	19	2	6	39

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ——— 39 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0)	(1)	No infor- mation	Total
	Without surgery	With surgery		
Postero-superior wall	12	0	0	12
Lateral wall	18	1	0	19
Inferior wall	1	1	0	2
Nasopharynx, NOS	5	0	1	6
Total	36	2	1	39

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ——— 39 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
0)No treatment	1	4	1	2	8
1)Rad. alone	2	7	0	2	11
2)Surg. alone	0	0	0	0	0
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	1	0	0	1
7)Rad.+chem.+surg.	1	0	0	0	1
8)Rad.+chem.	6	6	0	1	13
9)Others	2	1	0	1	4
No information	0	0	0	0	0
Total	12	19	2	6	39

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ——— 39 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	10	1	1	0	0	0	12
Lateral wall	17	0	2	0	0	0	19
Inferior wall	1	1	0	0	0	0	2
Nasopharynx, NOS	5	0	0	0	0	1	6
Total	33	2	3	0	0	1	39

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ——— 39 Cases

Reconstructive Surgery by Subsite

Subsite	(0)	(1)	No infor- mation	Total
	Without reconstruction	With reconstruction		
Postero-superior wall	12	0	0	12
Lateral wall	19	0	0	19
Inferior wall	2	0	0	2
Nasopharynx, NOS	5	0	1	6
Total	38	0	1	39

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ———39 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	0	12	0	0	0	0	0	12
Lateral wall	1	18	0	0	0	0	0	19
Inferior wall	0	2	0	0	0	0	0	2
Nasopharynx, NOS	2	3	0	0	0	0	1	6
Total	3	35	0	0	0	0	1	39

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx -----39 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	2	0	1	9	0	0	0	0	0	12
Lateral wall	10	0	0	9	0	0	0	0	0	19
Inferior wall	2	0	0	0	0	0	0	0	0	2
Nasopharynx, NOS	2	0	0	3	0	0	0	0	1	6
Total	16	0	1	21	0	0	0	0	1	39

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ——— 39 Cases

Immunotherapy by Subsite

Subsite	(0)	(1)	No infor- mation	Total
	Without immuno.	With immuno.		
Postero-superior wall	12	0	0	12
Lateral wall	19	0	0	19
Inferior wall	2	0	0	2
Nasopharynx, NOS	5	0	1	6
Total	38	0	1	39

immuno.: immunotherapy.

NOS: not otherwise specified.

Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus

13 Cases

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding
the Maxillary Sinus ——— 13 Cases

Subsite

Subsite	Number of patients
Nasal cavity	9 (69.2%)
Ethmoid sinus	0 (0.0%)
Frontal sinus	4 (30.8%)
Sphenoid sinus	0 (0.0%)
Paranasal sinus, NOS	0 (0.0%)
Total	13 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses
Excluding the Maxillary Sinus ——— 13 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	4	0	0	4
40 - 49	2	0	0	2
50 - 59	0	1	0	1
60 - 69	1	1	0	2
70 - 79	3	1	0	4
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	10	3	0	13

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ——— 13 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, malign.	0	0	1	0	0	1
Carcinoma, NOS	1	0	0	0	0	1
Ca., undiff., NOS	0	0	1	0	0	1
S.C.C., NOS	5	0	2	0	0	7
Adenocarcinoma, NOS	2	0	0	0	0	2
Adenoid cystic ca.	1	0	0	0	0	1
Total	9	0	4	0	0	13

NOS: not otherwise specified.

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

malign.: malignant.

undiff.: undifferentiated.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ——— 13 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	1	0	1	0	0	2
2)Surg. alone	2	0	0	0	0	2
3)Preop. rad.	1	0	1	0	0	2
4)Postop. rad.	1	0	0	0	0	1
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	2	0	0	2
8)Rad.+chem.	4	0	0	0	0	4
9)Others	0	0	0	0	0	0
No information	0	0	0	0	0	0
Total	9	0	4	0	0	13

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 ——— 13 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite		(0) Without surgery	(1) With surgery	No infor- mation	Total
Nasal cavity	(1600)	5	4	0	9
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	1	3	0	4
Sphenoid sinus	(1605)	0	0	0	0
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		6	7	0	13

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ——— 13 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	8	0	3	0	0	11
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	1	0	0	1
8)Rad.+chem.	1	0	0	0	0	1
9)Others	0	0	0	0	0	0
No information	0	0	0	0	0	0
Total	9	0	4	0	0	13

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 — 13 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)	9	0	0	0	0	0	9
Ethmoid sinus	(1603)	0	0	0	0	0	0	0
Frontal sinus	(1604)	3	0	1	0	0	0	4
Sphenoid sinus	(1605)	0	0	0	0	0	0	0
Paranasal sinus, NOS	(1609)	0	0	0	0	0	0	0
Total		12	0	1	0	0	0	13

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ——— 13 Cases

Reconstructive Surgery by Subsite

Subsite		(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Nasal cavity	(1600)	9	0	0	9
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	4	0	0	4
Sphenoid sinus	(1605)	0	0	0	0
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		13	0	0	13

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ——— 13 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)	2	7	0	0	0	0	0	9
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)	0	0	0	0	0	0	0	0
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0
Total	2	11	0	0	0	0	0	13

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ——— 13 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)	5	0	1	3	0	0	0	0	0	9
Ethmoid sinus (1603)	0	0	0	0	0	0	0	0	0	0
Frontal sinus (1604)	2	0	0	2	0	0	0	0	0	4
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	7	0	1	5	0	0	0	0	0	13

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 13Cases

Immunotherapy by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without immuno.	With immuno.		
Nasal cavity	(1600)	9	0	0	9
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	4	0	0	4
Sphenoid sinus	(1605)	0	0	0	0
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		13	0	0	13

immuno.: immunotherapy.

NOS: not otherwise specified.

Maxillary Sinus

55 Cases

Carcinoma of the Maxillary Sinus ——— 55 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	1	2	0	3
50 - 59	10	2	0	12
60 - 69	16	9	0	25
70 - 79	9	1	0	10
80 - 89	3	0	0	3
90 -	0	1	0	1
Unknown	0	0	0	0
Total	40	15	0	55

Carcinoma of the Maxillary Sinus — 55 Cases

Histological Distribution

Histologic type	Number of patients
Neoplasm, malign.	1 (1.8%)
Carcinoma, NOS	1 (1.8%)
S.C.C., NOS	46 (83.6%)
S.C.C., kerat., NOS	3 (5.5%)
S.C.C., spindle cell	1 (1.8%)
Adenocarcinoma, NOS	2 (3.6%)
Mixed tumor, malign., NOS	1 (1.8%)
Total	55 (100.0%)

malign.: malignant.

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Maxillary Sinus ——— 55 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	0	0	0	0	0	0
T2	7	0	0	0	0	0	0	0	7
T3	17	2	0	0	0	0	0	0	19
T4	21	3	0	0	2	3	0	0	29
TX	0	0	0	0	0	0	0	0	0
Total	45	5	0	0	2	3	0	0	55

M1: 0 case.

Carcinoma of the Maxillary Sinus ——— 55 Cases

Treatment Method for the Primary Lesion

Treatment method	Number of patients
0)No treatment	2 (3.6%)
1)Rad. alone	1 (1.8%)
2)Surg. alone	1 (1.8%)
3)Preop. rad.	3 (5.5%)
4)Postop. rad.	4 (7.3%)
5)Preop. & postop. rad.	1 (1.8%)
6)Rad.→ salvage	4 (7.3%)
7)Rad.+chem.+surg.	24 (43.6%)
8)Rad.+chem.	13 (23.6%)
9)Others	2 (3.6%)
No information	0 (0.0%)
Total	55 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ——— 55 Cases

Method of Surgery for the Primary Lesion

Method of Surgery	Number of patients
0)No surgery	15 (27.3%)
1)Extended total maxillectomy	10 (18.2%)
2)Total maxillectomy	15 (27.3%)
3)Subtotal maxillectomy	2 (3.6%)
4)Partial maxillectomy	7 (12.7%)
9)Others	6 (10.9%)
No information	0 (0.0%)
Total	55 (100.0%)

Carcinoma of the Maxillary Sinus ———55 Cases

Treatment Method for the Cervical Nodes

Treatment method	Number of patients	
0)No treatment	41	(74.5%)
1)Rad. alone	0	(0.0%)
2)Surg. alone	5	(9.1%)
3)Preop. rad.	1	(1.8%)
4)Postop. rad.	1	(1.8%)
5)Preop. & postop. rad.	0	(0.0%)
6)Rad. → salvage	0	(0.0%)
7)Rad.+chem.+surg.	3	(5.5%)
8)Rad.+chem.	4	(7.3%)
9)Others	0	(0.0%)
No information	0	(0.0%)
Total	55	(100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ——— 55 Cases

Neck Dissection

Neck dissection	Number of patients
0)No neck dissection	44 (80.0%)
1)Radical neck dissection	1 (1.8%)
2)Conservative neck dissection	7 (12.7%)
3)Partial neck dissection	1 (1.8%)
4)Enucleation	1 (1.8%)
No information	1 (1.8%)
Total	55 (100.0%)

Carcinoma of the Maxillary Sinus ——— 55 Cases

Reconstructive Surgery

Reconstructive surgery	Number of patients
0)No reconstruction	35 (63.6%)
1)Pedicled flap	0 (0.0%)
2)Free flap	14 (25.5%)
3)Free bone graft	2 (3.6%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	2 (3.6%)
9)Others	2 (3.6%)
No information	0 (0.0%)
Total	55 (100.0%)

Carcinoma of the Maxillary Sinus ——— 55 Cases

Radiotherapy for the Primary Lesion

Radiotherapy	Number of patients
0)No radiotherapy	3 (5.5%)
1)External radiotherapy	44 (80.0%)
2)Intracavitary radiotherapy	4 (7.3%)
3)Interstitial radiotherapy	1 (1.8%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	1 (1.8%)
No information	2 (3.6%)
Total	55 (100.0%)

Carcinoma of the Maxillary Sinus ——— 55 Cases

Total Dose of Irradiation

Dose(Gy)	Number of patients
No R.T.	3 (5.5%)
0 <-< 10	1 (1.8%)
10 <-< 20	0 (0.0%)
20 <-< 30	1 (1.8%)
30 <-< 40	1 (1.8%)
40 <-< 50	11 (20.0%)
50 <-< 60	5 (9.1%)
60 <-< 70	29 (52.7%)
70 <-< 80	3 (5.5%)
80 <-< 90	1 (1.8%)
90 -	0 (0.0%)
Dose unknown	0 (0.0%)
No information	0 (0.0%)
Total	55 (100.0%)

0 <-< 40 Gy 5.8% of irradiated patients
 0 <-< 50 Gy 26.9% of irradiated patients
 0 <-< 60 Gy 36.5% of irradiated patients

R.T.: radiotherapy.

Carcinoma of the Maxillary Sinus ----- 55 Cases

Chemotherapy

Chemotherapy	Number of patients	
0)No chemotherapy	12	(21.8%)
1)Topical	1	(1.8%)
2)Arterial	33	(60.0%)
3)Systemic	6	(10.9%)
4) 1)+2)	0	(0.0%)
5) 1)+3)	0	(0.0%)
6) 2)+3)	2	(3.6%)
7) 1)+2)+3)	0	(0.0%)
No information	1	(1.8%)
Total	55	(100.0%)

Carcinoma of the Maxillary Sinus ——— 55 Cases

Immunotherapy

Immunotherapy	Number of patients
0)Without immunotherapy	54 (98.2%)
1)With immunotherapy	0 (0.0%)
No information	1 (1.8%)
Total	55 (100.0%)

Carcinoma of the Maxillary Sinus — 55 Cases

Cryosurgery

Cryosurgery	Number of patients
0)Without cryosurgery	53 (96.4%)
1)With cryosurgery	0 (0.0%)
No information	2 (3.6%)
Total	55 (100.0%)