

頭頸部TNM分類研究資料

(1993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

(1993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

事務局 国立がんセンター東病院 頭頸科
Tel. 0471-33-1111 内線 5575

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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

1993年度症例登録施設（28施設）

耳鼻咽喉科

旭川医科大学
秋田大学医学部
国立水戸病院
千葉大学医学部
日本医科大学
東京大学医学部
東京医科大学
北里大学医学部
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奈良県立医科大学
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香川医科大学
高知医科大学
大分医科大学

口腔外科

北海道大学歯学部第1
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
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
癌研究会附属病院
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

1378 Cases

Head and Neck Carcinoma ----- 1378 Cases

Primary Site

Site	Number of patients
1)Oral cavity	494 (35.8%)
2)Larynx	423 (30.7%)
3)Hypopharynx	162 (11.8%)
4)Mesopharynx	136 (9.9%)
5)Nasopharynx	58 (4.2%)
6)Nasal cavity, <i>etc.</i>	26 (1.9%)
7)Maxillary sinus	79 (5.7%)
Total	1378 (100.0%)

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

Head and Neck Carcinoma ----- 1378 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	5	1	0	6
10 - 19	3	0	0	3
20 - 29	3	6	0	9
30 - 39	23	8	0	31
40 - 49	123	29	0	152
50 - 59	250	62	0	312
60 - 69	386	79	0	465
70 - 79	219	79	0	298
80 - 89	65	34	0	99
90 -	0	3	0	3
Unknown	0	0	0	0
Total	1077	301	0	1378

Head and Neck Carcinoma ----- 1378 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.	3	0	0	5	3	3	1	15
Carcinoma, NOS	3	0	0	0	1	0	2	6
Ca., undiff., NOS	1	1	0	2	6	1	1	12
Verrucous ca., NOS	6	3	0	1	0	0	0	10
Papillary S.C.C.	0	0	0	0	0	0	1	1
S.C.C.-in-situ, NOS	6	13	1	0	0	0	0	20
S.C.C., NOS	298	280	105	82	34	12	44	855
S.C.C., kerat., NOS	145	98	48	31	3	1	17	343
S.C.C., large cell, non-kerat.	10	23	5	4	3	1	1	47
S.C.C., small cell, non-kerat.	6	1	1	2	3	1	2	16
S.C.C., spindle cell	0	1	2	0	0	0	0	3
S.C.C.-in-situ with quest. stromal invasion	2	0	0	0	0	0	0	2
Transitional cell ca., NOS	0	0	0	1	0	0	0	1
Adenocarcinoma, NOS	1	0	0	1	3	3	2	10
Adenoid cystic ca.	6	2	0	2	2	1	7	20
Mucoepidermoid ca.	6	0	0	3	0	1	0	10
Adenosquamous ca.	0	1	0	0	0	0	0	1
Malig. melanoma, NOS	0	0	0	0	0	1	1	2
Mixed tumor, malig., NOS	1	0	0	1	0	0	0	2
Esthesioneuroblastoma	0	0	0	0	0	1	0	1
Malig. lymphoma, NOS	0	0	0	1	0	0	0	1
Unknown	0	0	0	0	0	0	0	0
Total	494	423	162	136	58	26	79	1378

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 ----- 1378 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.	1	0	0	3	3	1	1	9
Carcinoma, NOS	2	0	0	0	0	0	1	3
Ca., undiff., NOS	0	1	0	1	5	1	0	8
Verrucous ca., NOS	4	3	0	0	0	0	0	7
Papillary S.C.C.	0	0	0	0	0	0	1	1
S.C.C.-in-situ, NOS	3	12	0	0	0	0	0	15
S.C.C., NOS	200	259	89	76	24	11	28	687
S.C.C., kerat., NOS	96	90	41	29	2	1	13	272
S.C.C., large cell, non-kerat.	8	20	4	2	3	0	0	37
S.C.C., small cell, non-kerat.	3	1	1	0	2	1	2	10
S.C.C., spindle cell	0	1	2	0	0	0	0	3
S.C.C.-in-situ with quest. stromal invasion	1	0	0	0	0	0	0	1
Transitional cell ca., NOS	0	0	0	1	0	0	0	1
Adenocarcinoma, NOS	1	0	0	0	1	2	2	6
Adenoid cystic ca.	1	1	0	1	1	0	5	9
Mucoepidermoid ca.	1	0	0	2	0	1	0	4
Adenosquamous ca.	0	1	0	0	0	0	0	1
Malig. melanoma, NOS	0	0	0	0	0	1	0	1
Mixed tumor, malig., NOS	0	0	0	0	0	0	0	0
Esthesioneuroblastoma	0	0	0	0	0	1	0	1
Malig. lymphoma, NOS	0	0	0	1	0	0	0	1
Unknown	0	0	0	0	0	0	0	0
Total	321	389	137	116	41	20	53	1077

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 ----- 1378 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.	2	0	0	2	0	2	0	6
Carcinoma, NOS	1	0	0	0	1	0	1	3
Ca., undiff., NOS	1	0	0	1	1	0	1	4
Verrucous ca., NOS	2	0	0	1	0	0	0	3
Papillary S.C.C.	0	0	0	0	0	0	0	0
S.C.C.-in-situ, NOS	3	1	1	0	0	0	0	5
S.C.C., NOS	98	21	16	6	10	1	16	168
S.C.C., kerat., NOS	49	8	7	2	1	0	4	71
S.C.C., large cell, non-kerat.	2	3	1	2	0	1	1	10
S.C.C., small cell, non-kerat.	3	0	0	2	1	0	0	6
S.C.C., spindle cell	0	0	0	0	0	0	0	0
S.C.C.-in-situ with quest. stromal invasion	1	0	0	0	0	0	0	1
Transitional cell ca., NOS	0	0	0	0	0	0	0	0
Adenocarcinoma, NOS	0	0	0	1	2	1	0	4
Adenoid cystic ca.	5	1	0	1	1	1	2	11
Mucoepidermoid ca.	5	0	0	1	0	0	0	6
Adenosquamous ca.	0	0	0	0	0	0	0	0
Malig. melanoma, NOS	0	0	0	0	0	0	1	1
Mixed tumor, malig., NOS	1	0	0	1	0	0	0	2
Esthesioneuroblastoma	0	0	0	0	0	0	0	0
Malig. lymphoma, NOS	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	173	34	25	20	17	6	26	301

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 ----- 1378 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	295	13	2	6	6	6	1	0	329
T2	340	66	4	15	29	35	8	1	498
T3	142	61	4	12	27	31	24	0	301
T4	95	35	4	11	33	30	11	0	219
TX	12	1	0	0	0	0	2	16	31
Total	884	176	14	44	95	102	46	17	1378

Head and Neck Carcinoma ----- 1378 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	0	0	0	0	0	0	0	0	0
T1	274	12	1	6	6	6	1	0	306
T2	314	56	4	13	25	30	7	1	450
T3	128	52	4	10	23	28	19	0	264
T4	86	33	4	7	27	26	9	0	192
TX	11	1	0	0	0	0	2	0	14
Total	813	154	13	36	81	90	38	1	1226

Head and Neck Carcinoma ----- 1378 Cases

T and N Status (M1 Cases)

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	0	0	0	0	0	0	0	0	0
T2	1	0	0	0	2	1	0	0	4
T3	0	0	0	0	0	1	2	0	3
T4	0	2	0	1	2	1	0	0	6
TX	0	0	0	0	0	0	0	0	0
Total	1	2	0	1	4	3	2	0	13

Head and Neck Carcinoma ----- 1378 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	21	1	1	0	0	0	0	0	23
T2	25	10	0	2	2	4	1	0	44
T3	14	9	0	2	4	2	3	0	34
T4	9	0	0	3	4	3	2	0	21
TX	1	0	0	0	0	0	0	16	17
Total	70	20	1	7	10	9	6	16	139

Head and Neck Carcinoma ----- 1378 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	5	5	6	2	0	0	0	18
1)Rad. alone	60	179	12	29	12	4	7	303
2)Surg. alone	209	82	45	21	1	7	4	369
3)Preop. rad.	59	29	26	10	0	2	7	133
4)Postop. rad.	16	17	8	4	2	3	5	55
5)Preop. & postop. rad.	11	1	5	3	0	0	0	20
6)Rad.→ salvage	6	9	6	2	0	0	3	26
7)Rad.+chem.+surg.	50	28	24	18	2	2	41	165
8)Rad.+chem.	19	52	16	31	37	5	6	166
9)Others	59	21	14	16	4	3	6	123
No information	0	0	0	0	0	0	0	0
Total	494	423	162	136	58	26	79	1378

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 ----- 1378 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	100	39	44	35	57	211	2	6	494
2)Larynx	237	26	110	0	0	27	14	9	423
3)Hypopharynx	35	51	67	0	0	4	0	5	162
4)Mesopharynx	63	12	24	6	2	18	2	9	136
5)Nasopharynx	51	0	0	0	0	0	6	1	58
6)Nasal cavity, <i>etc.</i>	8	0	0	0	0	0	16	2	26
7)Maxillary sinus	15	27	15	9	0	10	1	2	79
Total	509	155	260	50	59	270	41	34	1378

surg.: surgery.

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

Head and Neck Carcinoma ----- 1378 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	258	300	26	44	18	21	58	725
1)Rad. alone	15	15	5	14	6	1	5	61
2)Surg. alone	99	50	47	20	1	0	7	224
3)Preop. rad.	32	8	18	8	0	0	2	68
4)Postop. rad.	8	11	9	4	0	0	0	32
5)Preop. & postop. rad.	2	2	5	0	0	0	0	9
6)Rad.→ salvage	1	3	7	3	1	0	0	15
7)Rad.+chem.+surg.	32	17	25	14	2	1	6	97
8)Rad.+chem.	11	5	10	19	30	2	1	78
9)Others	36	12	10	10	0	1	0	69
No information	0	0	0	0	0	0	0	0
Total	494	423	162	136	58	26	79	1378

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 ----- 1378 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	245	128	65	44	3	9	494
2)Larynx	296	59	50	8	1	9	423
3)Hypopharynx	30	69	50	7	0	6	162
4)Mesopharynx	65	34	23	5	1	8	136
5)Nasopharynx	53	4	0	0	0	1	58
6)Nasal cavity, <i>etc.</i>	21	2	0	0	0	3	26
7)Maxillary sinus	58	8	1	7	2	3	79
Total	768	304	189	71	7	39	1378

N.D.: neck dissection.

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

Head and Neck Carcinoma ----- 1378 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	286	52	109	1	2	2	0	2	4	23	13	494
2)Larynx	382	14	13	0	0	0	0	0	0	4	10	423
3)Hypopharynx	49	9	76	0	0	2	0	0	0	21	5	162
4)Mesopharynx	84	8	32	0	0	0	0	0	1	2	9	136
5)Nasopharynx	57	0	0	0	0	0	0	0	0	0	1	58
6)Nasal cavity, <i>etc.</i>	18	0	0	0	0	0	0	0	0	4	4	26
7)Maxillary sinus	46	0	20	0	0	0	0	9	0	1	3	79
Total	922	83	250	1	2	4	0	11	5	55	45	1378

recon.: reconstruction.

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

Head and Neck Carcinoma ----- 1378 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	251	179	0	17	2	24	21	494
2)Larynx	105	307	1	0	0	0	10	423
3)Hypopharynx	59	96	0	0	0	0	7	162
4)Mesopharynx	30	95	0	0	1	2	8	136
5)Nasopharynx	4	53	0	0	0	0	1	58
6)Nasal cavity, <i>etc.</i>	7	15	0	0	0	0	4	26
7)Maxillary sinus	7	68	0	0	2	0	2	79
Total	463	813	1	17	5	26	53	1378

R.T.: radiotherapy.

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

Head and Neck Carcinoma ----- 1378 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	338	1	8	124	1	3	1	0	18	494
2)Larynx	301	0	0	110	0	0	0	0	12	423
3)Hypopharynx	94	0	0	58	0	0	0	0	10	162
4)Mesopharynx	61	0	5	57	0	0	1	0	12	136
5)Nasopharynx	12	0	2	42	0	0	1	0	1	58
6)Nasal cavity, <i>etc.</i>	13	0	1	8	0	0	1	0	3	26
7)Maxillary sinus	21	1	33	14	0	0	8	0	2	79
Total	840	2	49	413	1	3	12	0	58	1378

chem.: chemotherapy.

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

Head and Neck Carcinoma ----- 1378 Cases

Immunotherapy by Primary Site

Primary Site	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Oral cavity	448	27	19	494
2)Larynx	410	1	12	423
3)Hypopharynx	149	3	10	162
4)Mesopharynx	124	1	11	136
5)Nasopharynx	53	3	2	58
6)Nasal cavity, <i>etc.</i>	22	1	3	26
7)Maxillary sinus	76	1	2	79
Total	1282	37	59	1378

immuno.: immunotherapy.

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

Head and Neck Carcinoma ----- 1378 Cases

Cryosurgery by Primary Site

Primary Site	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Oral cavity	470	2	22	494
2)Larynx	411	0	12	423
3)Hypopharynx	150	0	12	162
4)Mesopharynx	125	0	11	136
5)Nasopharynx	57	0	1	58
6)Nasal cavity, <i>etc.</i>	23	0	3	26
7)Maxillary sinus	77	0	2	79
Total	1313	2	63	1378

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

Oral Cavity

494 Cases

Carcinoma of the Oral Cavity ----- 494 Cases

Subsite

Subsite	Number of patients
1)Lip	5 (1.0%)
2)Buccal mucosa	41 (8.3%)
3)Retromolar area	14 (2.8%)
4)Gingiva	74 (15.0%)
5)Hard palate	12 (2.4%)
6)Floor of the mouth	73 (14.8%)
7)Tongue	273 (55.3%)
9)Oral cavity, NOS	2 (0.4%)
Total	494 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	1	0	1
10 - 19	2	0	0	2
20 - 29	1	3	0	4
30 - 39	16	5	0	21
40 - 49	44	15	0	59
50 - 59	74	34	0	108
60 - 69	108	45	0	153
70 - 79	55	42	0	97
80 - 89	21	26	0	47
90 -	0	2	0	2
Unknown	0	0	0	0
Total	321	173	0	494

Carcinoma of the Oral Cavity ----- 494 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	1	0	0	1
70 - 79	2	1	0	3
80 - 89	1	0	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	4	1	0	5

Carcinoma of the Oral Cavity ----- 494 Cases

Carcinoma of the Buccal Mucosa

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	1	0	0	1
40 - 49	1	1	0	2
50 - 59	7	2	0	9
60 - 69	5	6	0	11
70 - 79	2	7	0	9
80 - 89	3	5	0	8
90 -	0	0	0	0
Unknown	0	0	0	0
Total	20	21	0	41

Carcinoma of the Oral Cavity ----- 494 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	4	0	0	4
60 - 69	4	1	0	5
70 - 79	4	1	0	5
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	12	2	0	14

Carcinoma of the Oral Cavity ----- 494 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	4	1	0	5
50 - 59	6	7	0	13
60 - 69	17	9	0	26
70 - 79	11	8	0	19
80 - 89	4	5	0	9
90 -	0	2	0	2
Unknown	0	0	0	0
Total	42	32	0	74

Carcinoma of the Oral Cavity ----- 494 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	0	2	0	2
60 - 69	0	2	0	2
70 - 79	3	1	0	4
80 - 89	1	3	0	4
90 -	0	0	0	0
Unknown	0	0	0	0
Total	4	8	0	12

Carcinoma of the Oral Cavity ----- 494 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	2	0	0	2
40 - 49	5	0	0	5
50 - 59	17	4	0	21
60 - 69	19	3	0	22
70 - 79	17	3	0	20
80 - 89	2	1	0	3
90 -	0	0	0	0
Unknown	0	0	0	0
Total	62	11	0	73

Carcinoma of the Oral Cavity ----- 494 Cases

Carcinoma of the Tongue

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	1	0	1
10 - 19	1	0	0	1
20 - 29	1	3	0	4
30 - 39	13	5	0	18
40 - 49	34	12	0	46
50 - 59	40	19	0	59
60 - 69	62	24	0	86
70 - 79	16	21	0	37
80 - 89	9	12	0	21
90 -	0	0	0	0
Unknown	0	0	0	0
Total	176	97	0	273

Carcinoma of the Oral Cavity ----- 494 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	1	0	1
50 - 59	0	0	0	0
60 - 69	0	0	0	0
70 - 79	0	0	0	0
80 - 89	1	0	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	1	1	0	2

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 Cases

Histological Distribution by Subsite

Histologic type	(1) Lip	(2) Buccal mucosa	(3) Retromolar area	(4) Gingiva	(5) Hard palate	(6) Floor of the mouth	(7) Tongue	(9) Oral cavity, NOS	Total
Neoplasm, malig.	0	0	0	1	2	0	0	0	3
Carcinoma, NOS	0	0	0	1	0	1	1	0	3
Ca., undiff., NOS	0	0	0	1	0	0	0	0	1
Verrucous ca., NOS	0	2	0	0	1	1	2	0	6
S.C.C.-in-situ, NOS	0	1	1	0	0	1	3	0	6
S.C.C., NOS	3	24	8	41	4	40	177	1	298
S.C.C., kerat., NOS	2	8	5	26	2	20	82	0	145
S.C.C., large cell, non-kerat.	0	0	0	2	0	4	4	0	10
S.C.C., small cell, non-kerat.	0	3	0	2	0	0	1	0	6
invasion	0	0	0	0	0	0	2	0	2
Adenocarcinoma, NOS	0	1	0	0	0	0	0	0	1
Adenoid cystic ca.	0	1	0	0	2	3	0	0	6
Mucoepidermoid ca.	0	1	0	0	0	3	1	1	6
Mixed tumor, malig., NOS	0	0	0	0	1	0	0	0	1
Total	5	41	14	74	12	73	273	2	494

NOS: not otherwise specified.

undiff.: undifferentiated.

quest.: questionable.

malig.: malignant.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Carcinoma of the Oral Cavity ----- 494 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	101	5	0	2	1	1	0	0	110
T2	172 *	39	2	4	8	7	0	0	232
T3	40	23	0	1	12	6	4	0	86
T4	21	12	1	2	16	8 *	1	0	61
TX	2	0	3	0	0	0	0	0	5
Total	336	79	6	9	37	22	5	0	494

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

Carcinoma of the Oral Cavity ----- 494 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	3	0	0	0	0	0	0	0	3
T2	1	0	0	0	0	0	0	0	1
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 ----- 494 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	8	1	0	0	0	0	0	0	9
T2	14	3	0	1	1	1	0	0	20
T3	0	2	0	0	0	0	1	0	3
T4	4	1	0	0	3	1	0	0	9
TX	0	0	0	0	0	0	0	0	0
Total	26	7	0	1	4	2	1	0	41

M1: 0 case.

Carcinoma of the Oral Cavity ----- 494 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	1	0	0	0	0	0	0	3
T2	3	1	0	0	0	0	0	0	4
T3	1	1	0	0	0	0	0	0	2
T4	1	3	0	0	0	0	0	0	4
TX	0	0	0	0	1	0	0	0	1
Total	7	6	0	0	1	0	0	0	14

M1: 0 case.

Carcinoma of the Oral Cavity ----- 494 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	5	1	1	1	0	0	0	0	8
T2	29 *	7	0	0	2	1	0	0	39
T3	8	1	0	0	1	1	0	0	11
T4	8	3	0	1	4	0	0	0	16
TX	0	0	0	0	0	0	0	0	0
Total	50	12	1	2	7	2	0	0	74

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

Carcinoma of the Oral Cavity ----- 494 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	2	0	0	0	0	0	0	0	2
T2	4	1	0	0	1	0	0	0	6
T3	2	0	0	0	0	0	0	0	2
T4	2	0	0	0	0	0	0	0	2
TX	0	0	0	0	0	0	0	0	0
Total	10	1	0	0	1	0	0	0	12

M1: 0 case.

Carcinoma of the Oral Cavity ----- 494 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	0	0	1	0	1	0	0	10
T2	25	7	0	0	0	5	0	0	37
T3	3	2	0	1	3	3	0	0	12
T4	2	2	1	0	4	4 *	1	0	14
TX	0	0	0	0	0	0	0	0	0
Total	38	11	1	2	7	13	1	0	73

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

Carcinoma of the Oral Cavity ----- 494 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	73	2	0	0	1	0	0	0	76
T2	96	20	2	3	4	0	0	0	125
T3	24	17	1	0	8	2	3	0	55
T4	3	3	1	1	4	3	0	0	15
TX	2	0	0	0	0	0	0	0	2
Total	198	42	4	4	17	5	3	0	273

M1: 0 case.

Carcinoma of the Oral Cavity ----- 494 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	1	0	0	0	0	0	0	0	1
T4	1	0	0	0	0	0	0	0	1
TX	0	0	0	0	0	0	0	0	0
Total	2	0	0	0	0	0	0	0	2

M1: 0 case.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 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	0	1	1	0	1	2	0	5
1)Rad. alone	1	4	3	4	0	8	39	1	60
2)Surg. alone	4	12	2	33	3	23	131	1	209
3)Preop. rad.	0	5	3	10	2	10	29	0	59
4)Postop. rad.	0	5	0	5	1	3	2	0	16
5)Preop. & postop. rad.	0	1	1	0	0	3	6	0	11
6)Rad.→ salvage	0	1	0	1	1	1	2	0	6
7)Rad.+chem.+surg.	0	3	4	7	1	9	26	0	50
8)Rad.+chem.	0	2	0	4	0	4	9	0	19
9)Others	0	8	0	9	4	11	27	0	59
No information	0	0	0	0	0	0	0	0	0
Total	5	41	14	74	12	73	273	2	494

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 494 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	1	0	1	0	0	3	0	0	5
2)Buccal mucosa	6	4	12	4	2	12	0	1	41
3)Retromolar area	5	2	3	0	1	3	0	0	14
4)Gingiva	11	6	6	7	2	41	0	1	74
5)Hard palate	1	3	0	1	1	6	0	0	12
6)Floor of the mouth	14	15	10	6	2	24	1	1	73
7)Tongue	61	9	12	17	49	121	1	3	273
9)Oral cavity, NOS	1	0	0	0	0	1	0	0	2
Total	100	39	44	35	57	211	2	6	494

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	(1) Lip	(2) Buccal mucosa	(3) Retromolar area	(4) Gingiva	(5) Hard palate	(6) Floor of the mouth	(7) Tongue	(9) Oral cavity, NOS	Total
0)No treatment	5	21	6	29	8	25	162	2	258
1)Rad. alone	0	2	2	2	0	2	7	0	15
2)Surg. alone	0	6	0	24	0	18	51	0	99
3)Preop. rad.	0	3	2	4	0	9	14	0	32
4)Postop. rad.	0	1	0	3	0	1	3	0	8
5)Preop. & postop. rad.	0	0	1	0	0	0	1	0	2
6)Rad.→ salvage	0	0	0	0	1	0	0	0	1
7)Rad.+chem.+surg.	0	3	3	6	1	5	14	0	32
8)Rad.+chem.	0	1	0	1	0	3	6	0	11
9)Others	0	4	0	5	2	10	15	0	36
No information	0	0	0	0	0	0	0	0	0
Total	5	41	14	74	12	73	273	2	494

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 494 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	5	0	0	0	0	0	5
2)Buccal mucosa	21	13	2	4	0	1	41
3)Retromolar area	7	4	3	0	0	0	14
4)Gingiva	30	18	10	14	2	0	74
5)Hard palate	9	0	1	2	0	0	12
6)Floor of the mouth	28	27	9	7	0	2	73
7)Tongue	143	66	40	17	1	6	273
9)Oral cavity, NOS	2	0	0	0	0	0	2
Total	245	128	65	44	3	9	494

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 Cases

Reconstructive Surgery by Subsite

	(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
Subsite	No recon.	Pedicled flap	Free flap or jejunum	Free bone graft	Vascularized bone graft	(1)+(2)	(1)+(3)	(2)+(3)	(2)+(4)	Others	No information	Total
1)Lip	3	2	0	0	0	0	0	0	0	0	0	5
2)Buccal mucosa	21	8	8	0	0	0	0	0	1	2	1	41
3)Retromolar area	6	2	6	0	0	0	0	0	0	0	0	14
4)Gingiva	43	6	11	0	1	0	0	0	1	12	0	74
5)Hard palate	8	0	1	0	0	0	0	0	2	1	0	12
6)Floor of the mouth	32	7	24	1	1	1	0	2	0	2	3	73
7)Tongue	172	27	59	0	0	1	0	0	0	5	9	273
9)Oral cavity, NOS	1	0	0	0	0	0	0	0	0	1	0	2
Total	286	52	109	1	2	2	0	2	4	23	13	494

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 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	4	0	0	0	0	0	1	5
2)Buccal mucosa	15	21	0	0	0	3	2	41
3)Retromolar area	3	11	0	0	0	0	0	14
4)Gingiva	36	35	0	1	0	0	2	74
5)Hard palate	6	5	0	0	1	0	0	12
6)Floor of the mouth	34	29	0	4	0	2	4	73
7)Tongue	152	77	0	12	1	19	12	273
9)Oral cavity, NOS	1	1	0	0	0	0	0	2
Total	251	179	0	17	2	24	21	494

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 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	26	0	1	12	1	0	0	0	1	41
3)Retromolar area	9	0	0	5	0	0	0	0	0	14
4)Gingiva	49	0	1	20	0	1	1	0	2	74
5)Hard palate	8	0	1	3	0	0	0	0	0	12
6)Floor of the mouth	45	0	1	23	0	1	0	0	3	73
7)Tongue	194	1	4	61	0	1	0	0	12	273
9)Oral cavity, NOS	2	0	0	0	0	0	0	0	0	2
Total	338	1	8	124	1	3	1	0	18	494

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Lip	5	0	0	5
2)Buccal mucosa	37	3	1	41
3)Retromolar area	14	0	0	14
4)Gingiva	67	4	3	74
5)Hard palate	11	1	0	12
6)Floor of the mouth	67	3	3	73
7)Tongue	245	16	12	273
9)Oral cavity, NOS	2	0	0	2
Total	448	27	19	494

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 494 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Lip	5	0	0	5
2)Buccal mucosa	40	0	1	41
3)Retromolar area	14	0	0	14
4)Gingiva	71	0	3	74
5)Hard palate	12	0	0	12
6)Floor of the mouth	67	2	4	73
7)Tongue	259	0	14	273
9)Oral cavity, NOS	2	0	0	2
Total	470	2	22	494

NOS: not otherwise specified.

Larynx

423 Cases

Carcinoma of the Larynx ----- 423 Cases

Subsite

Subsite	Number of patients
Glottis	217 (51.3%)
Supraglottis	123 (29.1%)
Subglottis	14 (3.3%)
Larynx, NOS	69 (16.3%)
Total	423 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	4	0	0	4
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	2	0	0	2
40 - 49	31	4	0	35
50 - 59	72	9	0	81
60 - 69	150	7	0	157
70 - 79	100	14	0	114
80 - 89	30	0	0	30
90 -	0	0	0	0
Unknown	0	0	0	0
Total	389	34	0	423

Carcinoma of the Larynx ----- 423 Cases

Carcinoma of the Glottis

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	20	1	0	21
50 - 59	40	4	0	44
60 - 69	76	0	0	76
70 - 79	54	4	0	58
80 - 89	16	0	0	16
90 -	0	0	0	0
Unknown	0	0	0	0
Total	208	9	0	217

Carcinoma of the Larynx ----- 423 Cases

Carcinoma of the Supraglottis

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	4	3	0	7
50 - 59	19	3	0	22
60 - 69	43	4	0	47
70 - 79	29	8	0	37
80 - 89	9	0	0	9
90 -	0	0	0	0
Unknown	0	0	0	0
Total	105	18	0	123

Carcinoma of the Larynx ----- 423 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	1	0	0	1
40 - 49	2	0	0	2
50 - 59	1	1	0	2
60 - 69	6	0	0	6
70 - 79	2	0	0	2
80 - 89	1	0	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	13	1	0	14

Carcinoma of the Larynx ----- 423 Cases

Carcinoma of the Larynx, NOS

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	2	0	0	2
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	12	1	0	13
60 - 69	25	3	0	28
70 - 79	15	2	0	17
80 - 89	4	0	0	4
90 -	0	0	0	0
Unknown	0	0	0	0
Total	63	6	0	69

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 Cases

Histological Distribution by Subsite

Histologic type	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
Ca., undiff., NOS	0	0	0	1	1
Verrucous ca., NOS	1	1	0	1	3
S.C.C.-in-situ, NOS	10	2	0	1	13
S.C.C., NOS	152	75	6	47	280
S.C.C., kerat., NOS	46	34	6	12	98
S.C.C., large cell, non-kerat.	8	8	0	7	23
S.C.C., small cell, non-kerat.	0	1	0	0	1
S.C.C., spindle cell	0	0	1	0	1
Adenoid cystic ca.	0	1	1	0	2
Adenosquamous ca.	0	1	0	0	1
Total	217	123	14	69	423

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

undiff.: undifferentiated.

kerat.: keratinizing.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 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	167	4	0	1	3	2	0	0	177
T2	110	9	0	2	4 *	8	2	0	135
T3	42	10	1	3	4	5	6 *	0	71
T4	18	6 *	0	0	4	8	2	0	38
TX	0	0	0	0	0	0	0	2	2
Total	337	29	1	6	15	23	10	2	423

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

Carcinoma of the Larynx ----- 423 Cases

Carcinoma of the Glottis

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	12	0	0	0	0	1	0	0	13
T1a	87	1	0	0	0	0	0	0	88
T1b	24	1	0	0	0	0	0	0	25
T2	57	3	0	0	1 *	1	0	0	62
T3	17	2	0	0	0	1	1	0	21
T4	6	0	0	0	1	0	0	0	7
TX	0	0	0	0	0	0	0	1	1
Total	203	7	0	0	2	3	1	1	217

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

Carcinoma of the Larynx ----- 423 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	16	2	0	0	2	1	0	0	21
T2	31	6	0	2	1	6	1	0	47
T3	16	4	1	2	2	4	3	0	32
T4	7	5 *	0	0	3	5	2	0	22
TX	0	0	0	0	0	0	0	1	1
Total	70	17	1	4	8	16	6	1	123

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

Carcinoma of the Larynx ----- 423 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	2	0	0	0	0	0	0	0	2
T2	7	0	0	0	0	0	0	0	7
T3	2	1	0	0	0	0	0	0	3
T4	2	0	0	0	0	0	0	0	2
TX	0	0	0	0	0	0	0	0	0
Total	13	1	0	0	0	0	0	0	14

M1: 0 case.

Carcinoma of the Larynx ----- 423 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	26	0	0	1	1	0	0	0	28
T2	15	0	0	0	2	1	1	0	19
T3	7	3	0	1	2	0	2 *	0	15
T4	3	1	0	0	0	3	0	0	7
TX	0	0	0	0	0	0	0	0	0
Total	51	4	0	2	5	4	3	0	69

NOS: not otherwise specified.

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

Carcinoma of the Larynx ----- 423 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	1	3	0	1	5
1)Rad. alone	122	23	3	31	179
2)Surg. alone	34	27	7	14	82
3)Preop. rad.	11	10	1	7	29
4)Postop. rad.	6	4	0	7	17
5)Preop. & postop. rad.	0	0	0	1	1
6)Rad.→ salvage	5	2	1	1	9
7)Rad.+chem.+surg.	4	21	0	3	28
8)Rad.+chem.	28	18	2	4	52
9)Others	6	15	0	0	21
No information	0	0	0	0	0
Total	217	123	14	69	423

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 423 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	2	1	1	1	0	5
1)Rad. alone	0	0	114	53	7	4	1	179
2)Surg. alone	0	0	17	20	33	12	0	82
3)Preop. rad.	0	0	3	14	9	3	0	29
4)Postop. rad.	0	0	5	5	4	3	0	17
5)Preop. & postop. rad.	0	0	0	1	0	0	0	1
6)Rad.→ salvage	0	0	1	6	0	2	0	9
7)Rad.+chem.+surg.	0	0	6	8	9	5	0	28
8)Rad.+chem.	0	0	22	23	3	4	0	52
9)Others	0	0	7	4	5	4	1	21
No information	0	0	0	0	0	0	0	0
Total	0	0	177	135	71	38	2	423

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 423 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	1	0	0	0	0	0	1
1)Rad. alone	0	0	6	68	17	28	1	1	1	122
2)Surg. alone	0	0	1	6	1	8	15	3	0	34
3)Preop. rad.	0	0	0	1	0	7	2	1	0	11
4)Postop. rad.	0	0	1	0	1	2	1	1	0	6
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	1	4	0	0	0	5
7)Rad.+chem.+surg.	0	0	2	0	0	0	2	0	0	4
8)Rad.+chem.	0	0	2	9	4	13	0	0	0	28
9)Others	0	0	1	3	1	0	0	1	0	6
No information	0	0	0	0	0	0	0	0	0	0
Total	0	0	13	88	25	62	21	7	1	217

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 423 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	5	15	1	2	0	23
2)Surg. alone	0	0	3	7	12	5	0	27
3)Preop. rad.	0	0	1	5	2	2	0	10
4)Postop. rad.	0	0	1	2	1	0	0	4
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	1	0	1	0	2
7)Rad.+chem.+surg.	0	0	4	6	7	4	0	21
8)Rad.+chem.	0	0	5	6	3	4	0	18
9)Others	0	0	2	4	5	3	0	14
No information	0	0	0	0	0	0	1	1
Total	0	0	21	47	32	22	1	123

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 423 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	2	2	2	1	0	7
3)Preop. rad.	0	0	0	0	1	0	0	1
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	2	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	7	3	2	0	14

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 423 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	1	0	0	0	0	1
1)Rad. alone	0	0	18	7	5	1	0	31
2)Surg. alone	0	0	4	3	4	3	0	14
3)Preop. rad.	0	0	1	2	4	0	0	7
4)Postop. rad.	0	0	2	1	2	2	0	7
5)Preop. & postop. rad.	0	0	0	1	0	0	0	1
6)Rad.→ salvage	0	0	0	1	0	0	0	1
7)Rad.+chem.+surg.	0	0	0	2	0	1	0	3
8)Rad.+chem.	0	0	2	2	0	0	0	4
9)Others	0	0	0	0	0	0	0	0
No information	0	0	0	0	0	0	0	0
Total	0	0	28	19	15	7	0	69

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 423 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)	151	7	32	0	16	11	0	217
Supraglottis (1611)	46	13	47	0	8	1	8	123
Subglottis (1612)	5	0	8	0	1	0	0	14
Larynx, NOS (1619)	35	6	23	0	2	2	1	69
Total	237	26	110	0	27	14	9	423

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 Cases

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T2	T3	T4	TX	Total
0)No surgery	0	0	139	76	11	10	1	237
1)Extended total	0	0	4	5	5	12	0	26
2)Total	0	0	8	36	50	15	1	110
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	11	15	1	0	0	27
9)Others	0	0	13	1	0	0	0	14
No information	0	0	2	2	4	1	0	9
Total	0	0	177	135	71	38	2	423

Carcinoma of the Larynx ----- 423 Cases

Carcinoma of the Glottis

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T1a	T1b	T2	T3	T4	TX	Total
0)No surgery	0	0	9	78	20	41	1	1	1	151
1)Extended total	0	0	1	1	0	2	0	3	0	7
2)Total	0	0	0	0	0	10	19	3	0	32
3)Subtotal	0	0	0	0	0	0	0	0	0	0
4)Partial	0	0	0	3	3	9	1	0	0	16
9)Others	0	0	3	6	2	0	0	0	0	11
No information	0	0	0	0	0	0	0	0	0	0
Total	0	0	13	88	25	62	21	7	1	217

Carcinoma of the Larynx ----- 423 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	12	21	5	8	0	46
1)Extended total	0	0	2	3	4	4	0	13
2)Total	0	0	3	15	19	9	1	47
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	3	5	0	0	0	8
9)Others	0	0	0	1	0	0	0	1
No information	0	0	1	2	4	1	0	8
Total	0	0	21	47	32	22	1	123

Carcinoma of the Larynx ----- 423 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	5	0	0	0	5
1)Extended total	0	0	0	0	0	0	0	0
2)Total	0	0	1	2	3	2	0	8
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	1	0	0	0	0	1
9)Others	0	0	0	0	0	0	0	0
No information	0	0	0	0	0	0	0	0
Total	0	0	2	7	3	2	0	14

Carcinoma of the Larynx ----- 423 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	20	9	5	1	0	35
1)Extended total	0	0	0	0	1	5	0	6
2)Total	0	0	4	9	9	1	0	23
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	1	1	0	0	0	2
9)Others	0	0	2	0	0	0	0	2
No information	0	0	1	0	0	0	0	1
Total	0	0	28	19	15	7	0	69

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	190	57	8	45	300
1)Rad. alone	4	5	0	6	15
2)Surg. alone	16	22	6	6	50
3)Preop. rad.	0	5	0	3	8
4)Postop. rad.	2	5	0	4	11
5)Preop. & postop. rad.	0	1	0	1	2
6)Rad.→ salvage	0	2	0	1	3
7)Rad.+chem.+surg.	1	14	0	2	17
8)Rad.+chem.	0	4	0	1	5
9)Others	4	8	0	0	12
No information	0	0	0	0	0
Total	217	123	14	69	423

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 423 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)	191	7	14	4	1	0	217
Supraglottis (1611)	51	37	25	2	0	8	123
Subglottis (1612)	8	1	4	1	0	0	14
Larynx, NOS (1619)	46	14	7	1	0	1	69
Total	296	59	50	8	1	9	423

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 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)	211	4	1	0	0	0	0	0	1	217
Supraglottis (1611)	96	6	4	5	0	0	0	4	8	123
Subglottis (1612)	13	0	1	0	0	0	0	0	0	14
Larynx, NOS (1619)	62	4	1	1	0	0	0	0	1	69
Total	382	14	7	6	0	0	0	4	10	423

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 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)	43	173	0	0	0	0	1	217
Supraglottis (1611)	38	75	1	0	0	0	9	123
Subglottis (1612)	8	6	0	0	0	0	0	14
Larynx, NOS (1619)	16	53	0	0	0	0	0	69
Total	105	307	1	0	0	0	10	423

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 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)	171	0	0	45	0	0	0	0	1	217
Supraglottis (1611)	60	0	0	53	0	0	0	0	10	123
Subglottis (1612)	11	0	0	3	0	0	0	0	0	14
Larynx, NOS (1619)	59	0	0	9	0	0	0	0	1	69
Total	301	0	0	110	0	0	0	0	12	423

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 423 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Glottis (1610)	216	0	1	217
Supraglottis (1611)	112	1	10	123
Subglottis (1612)	14	0	0	14
Larynx, NOS (1619)	68	0	1	69
Total	410	1	12	423

immuno.: immunotherapy.

NOS: not otherwise specified.

Hypopharynx

162 Cases

Carcinoma of the Hypopharynx ----- 162 Cases

Subsite

Subsite	Number of patients
Postcricoid	20 (12.3%)
Pyriiform sinus	96 (59.3%)
Posterior wall	0 (0.0%)
Cervical esophagus	11 (6.8%)
Hypopharynx, NOS	35 (21.6%)
Total	162 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 162 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	0	0	0	0
40 - 49	7	2	0	9
50 - 59	49	7	0	56
60 - 69	52	11	0	63
70 - 79	25	3	0	28
80 - 89	4	1	0	5
90 -	0	0	0	0
Unknown	0	0	0	0
Total	137	25	0	162

Carcinoma of the Hypopharynx ----- 162 Cases

Histological Distribution by Subsite

Histologic type	Post-cricoid (1480)	Pyriiform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
S.C.C.-in-situ, NOS	1	0	0	0	0	1
S.C.C., NOS	9	59	0	5	32	105
S.C.C., kerat., NOS	8	33	0	6	1	48
S.C.C., large cell, non-kerat.	2	2	0	0	1	5
S.C.C., small cell, non-kerat.	0	0	0	0	1	1
S.C.C., spindle cell	0	2	0	0	0	2
Total	20	96	0	11	35	162

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Hypopharynx ----- 162 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	2	0	1	0	8
T2	20	6	0	4	9	9	3	0	51
T3	20	11	1	5	5	10	8 *	0	60
T4	7	4	0	5 *	5 *	8	3	0	32
TX	7	1	0	0	0	0	0	3	11
Total	59	22	1	14	21	27	15	3	162

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

Carcinoma of the Hypopharynx ----- 162 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Post-cricoid (1480)	Pyriform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
0)No treatment	1	2	0	3	0	6
1)Rad. alone	0	5	0	0	7	12
2)Surg. alone	12	23	0	4	6	45
3)Preop. rad.	5	11	0	2	8	26
4)Postop. rad.	0	8	0	0	0	8
5)Preop. & postop. rad.	0	3	0	0	2	5
6)Rad.→ salvage	1	2	0	0	3	6
7)Rad.+chem.+surg.	0	20	0	1	3	24
8)Rad.+chem.	1	12	0	0	3	16
9)Others	0	10	0	1	3	14
No information	0	0	0	0	0	0
Total	20	96	0	11	35	162

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 162 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)	2	8	10	0	0	0	0	20
Pyriiform sinus (1481)	18	28	44	0	3	0	3	96
Posterior wall (1483)	0	0	0	0	0	0	0	0
Cervical esophagus (1500)	4	3	4	0	0	0	0	11
Hypopharynx, NOS (1489)	11	12	9	0	1	0	2	35
Total	35	51	67	0	4	0	5	162

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 162 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	1	15	0	5	5	26
1)Rad. alone	0	1	0	0	4	5
2)Surg. alone	13	23	0	4	7	47
3)Preop. rad.	3	7	0	1	7	18
4)Postop. rad.	0	9	0	0	0	9
5)Preop. & postop. rad.	0	3	0	0	2	5
6)Rad.→ salvage	1	2	0	0	4	7
7)Rad.+chem.+surg.	0	21	0	1	3	25
8)Rad.+chem.	1	7	0	0	2	10
9)Others	1	8	0	0	1	10
No information	0	0	0	0	0	0
Total	20	96	0	11	35	162

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 162 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)	2	3	12	3	0	0	20
Pyriiform sinus (1481)	15	46	28	3	0	4	96
Posterior wall (1483)	0	0	0	0	0	0	0
Cervical esophagus (1500)	4	2	4	1	0	0	11
Hypopharynx, NOS (1489)	9	18	6	0	0	2	35
Total	30	69	50	7	0	6	162

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 162 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)	2	1	3	12	0	0	0	2	0	20
Pyriiform sinus (1481)	30	5	11	35	1	0	0	11	3	96
Posterior wall (1483)	0	0	0	0	0	0	0	0	0	0
Cervical esophagus (1500)	4	1	1	2	0	0	0	3	0	11
Hypopharynx, NOS (1489)	13	2	1	11	0	1	0	5	2	35
Total	49	9	16	60	1	1	0	21	5	162

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 162 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)	12	7	0	0	0	0	1	20
Pyriform sinus (1481)	32	60	0	0	0	0	4	96
Posterior wall (1483)	0	0	0	0	0	0	0	0
Cervical esophagus (1500)	8	3	0	0	0	0	0	11
Hypopharynx, NOS (1489)	7	26	0	0	0	0	2	35
Total	59	96	0	0	0	0	7	162

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 162 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)	16	0	0	2	0	0	0	0	2	20
Pyriiform sinus (1481)	45	0	0	45	0	0	0	0	6	96
Posterior wall (1483)	0	0	0	0	0	0	0	0	0	0
Cervical esophagus (1500)	9	0	0	2	0	0	0	0	0	11
Hypopharynx, NOS (1489)	24	0	0	9	0	0	0	0	2	35
Total	94	0	0	58	0	0	0	0	10	162

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 162 Cases

Immunotherapy by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without immuno.	With immuno.		
Postcricoid	(1480)	18	0	2	20
Pyriiform sinus	(1481)	87	3	6	96
Posterior wall	(1843)	0	0	0	0
Cervical esophagus	(1500)	11	0	0	11
Hypopharynx, NOS	(1489)	33	0	2	35
Total		149	3	10	162

immuno.: immunotherapy.

NOS: not otherwise specified.

Mesopharynx

136 Cases

Carcinoma of the Mesopharynx ----- 136 Cases

Subsite

Subsite	Number of patients
Soft palate	23 (16.9%)
Lateral wall	70 (51.5%)
Posterior wall	2 (1.5%)
Base of the tongue	18 (13.2%)
Mesopharynx, NOS	23 (16.9%)
Total	136 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 136 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	16	2	0	18
50 - 59	28	2	0	30
60 - 69	42	8	0	50
70 - 79	24	5	0	29
80 - 89	4	2	0	6
90 -	0	0	0	0
Unknown	0	0	0	0
Total	116	20	0	136

Carcinoma of the Mesopharynx ----- 136 Cases

Histological Distribution by Subsite

Histologic type	Soft palate	Lateral wall	Posterior wall	Base of the tongue	Mesopharynx, NOS	Total
Neoplasm, malig.	0	5	0	0	0	5
Ca., undiff., NOS	0	2	0	0	0	2
Verrucous ca., NOS	0	1	0	0	0	1
S.C.C., NOS	10	35	2	14	21	82
S.C.C., kerat., NOS	8	19	0	3	1	31
S.C.C., large cell, non-kerat.	0	3	0	1	0	4
S.C.C., small cell, non-kerat.	0	2	0	0	0	2
Transitional cell ca., NOS	0	1	0	0	0	1
Adenocarcinoma, NOS	1	0	0	0	0	1
Adenoid cystic ca.	2	0	0	0	0	2
Mucoepidermoid ca.	1	1	0	0	1	3
Mixed tumor, malig., NOS	1	0	0	0	0	1
Malig. lymphoma, NOS	0	1	0	0	0	1
Total	23	70	2	18	23	136

NOS: not otherwise specified.

undiff.: undifferentiated.

malig.: malignant.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Carcinoma of the Mesopharynx ----- 136 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	15	3	1	2	0	0	0	0	21
T2	21	11	1	4	6 *	5	2	1	51
T3	14	11	1	3	5	6 *	2	0	42
T4	4	7 *	0	4	3 *	1	3	0	22
TX	0	0	0	0	0	0	0	0	0
Total	54	32	3	13	14	12	7	1	136

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

Carcinoma of the Mesopharynx ----- 136 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	0	1	2
1)Rad. alone	5	18	1	2	3	29
2)Surg. alone	6	6	0	5	4	21
3)Preop. rad.	0	6	0	3	1	10
4)Postop. rad.	1	2	0	1	0	4
5)Preop. & postop. rad.	0	2	0	1	0	3
6)Rad.→ salvage	0	0	0	1	1	2
7)Rad.+chem.+surg.	1	12	0	1	4	18
8)Rad.+chem.	7	13	1	2	8	31
9)Others	3	10	0	2	1	16
No information	0	0	0	0	0	0
Total	23	70	2	18	23	136

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ----- 136 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	11	0	6	0	0	5	0	1	23
Lateral wall	34	5	9	4	2	8	1	7	70
Posterior wall	2	0	0	0	0	0	0	0	2
Base of the tongue	4	2	4	2	0	4	1	1	18
Mesopharynx, NOS	12	5	5	0	0	1	0	0	23
Total	63	12	24	6	2	18	2	9	136

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 136 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	14	24	1	3	2	44
1)Rad. alone	2	7	1	1	3	14
2)Surg. alone	3	8	0	5	4	20
3)Preop. rad.	0	5	0	3	0	8
4)Postop. rad.	1	1	0	1	1	4
5)Preop. & postop. rad.	0	0	0	0	0	0
6)Rad.→ salvage	0	1	0	1	1	3
7)Rad.+chem.+surg.	0	10	0	1	3	14
8)Rad.+chem.	2	8	0	1	8	19
9)Others	1	6	0	2	1	10
No information	0	0	0	0	0	0
Total	23	70	2	18	23	136

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ----- 136 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	16	4	1	1	0	1	23
Lateral wall	32	16	13	2	1	6	70
Posterior wall	2	0	0	0	0	0	2
Base of the tongue	4	8	5	1	0	0	18
Mesopharynx, NOS	11	6	4	1	0	1	23
Total	65	34	23	5	1	8	136

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 136 Cases

Reconstructive Surgery by Subsite

Subsite	(0) No recon.	(1) Pedicled flap	(2) Free flap or jejunum	(3) Free bone graft	(4) Vascu- larized bone graft	(5) (1)+ (2)	(6) (1)+ (3)	(7) (2)+ (3)	(8) (2)+ (4)	(9) Others	No infor- mation	Total
Soft palate	17	0	2	0	0	0	0	0	0	2	2	23
Lateral wall	44	2	17	0	0	0	0	0	1	0	6	70
Posterior wall	2	0	0	0	0	0	0	0	0	0	0	2
Base of the tongue	5	3	9	0	0	0	0	0	0	0	1	18
Mesopharynx, NOS	16	3	4	0	0	0	0	0	0	0	0	23
Total	84	8	32	0	0	0	0	0	1	2	9	136

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 136 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	5	15	0	0	1	1	1	23
Lateral wall	12	50	0	0	0	1	7	70
Posterior wall	0	2	0	0	0	0	0	2
Base of the tongue	7	11	0	0	0	0	0	18
Mesopharynx, NOS	6	17	0	0	0	0	0	23
Total	30	95	0	0	1	2	8	136

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 136 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	9	0	3	8	0	0	0	0	3	23
Lateral wall	31	0	2	28	0	0	1	0	8	70
Posterior wall	1	0	0	1	0	0	0	0	0	2
Base of the tongue	12	0	0	6	0	0	0	0	0	18
Mesopharynx, NOS	8	0	0	14	0	0	0	0	1	23
Total	61	0	5	57	0	0	1	0	12	136

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 136 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Soft palate	19	1	3	23
Lateral wall	62	0	8	70
Posterior wall	2	0	0	2
Base of the tongue	18	0	0	18
Mesopharynx, NOS	23	0	0	23
Total	124	1	11	136

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 136 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
Soft palate	20	0	3	23
Lateral wall	62	0	8	70
Posterior wall	2	0	0	2
Base of the tongue	18	0	0	18
Mesopharynx, NOS	23	0	0	23
Total	125	0	11	136

NOS: not otherwise specified.

Nasopharynx

58 Cases

Carcinoma of the Nasopharynx ----- 58 Cases

Subsite

Subsite	Number of patients
Postero-superior wall	10 (17.2%)
Lateral wall	12 (20.7%)
Inferior wall	4 (6.9%)
Nasopharynx, NOS	32 (55.2%)
Total	58 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 58 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	1	1	0	2
30 - 39	2	1	0	3
40 - 49	11	4	0	15
50 - 59	12	4	0	16
60 - 69	9	1	0	10
70 - 79	3	5	0	8
80 - 89	2	1	0	3
90 -	0	0	0	0
Unknown	0	0	0	0
Total	41	17	0	58

Carcinoma of the Nasopharynx ----- 58 Cases

Histological Distribution by Subsite

Histologic type	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
Neoplasm, malig.	0	0	0	3	3
Carcinoma, NOS	0	1	0	0	1
Ca., undiff., NOS	2	1	0	3	6
S.C.C., NOS	6	4	1	23	34
S.C.C., kerat., NOS	0	1	1	1	3
S.C.C., large cell, non-kerat.	1	1	1	0	3
S.C.C., small cell, non-kerat.	1	2	0	0	3
Adenocarcinoma, NOS	0	1	1	1	3
Adenoid cystic ca.	0	1	0	1	2
Total	10	12	4	32	58

NOS: not otherwise specified.
 Ca., ca.: carcinoma.
 S.C.C.: squamous cell carcinoma.

malig.: malignant.
 undiff.: undifferentiated.
 kerat.: keratinizing.

Carcinoma of the Nasopharynx ----- 58 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	3	1	1	1	0	3	0	0	9
T2	7	0	1	1	2	6 *	1	0	18
T3	4	2	0	0	1	3	4	0	14
T4	5	2	0	0	4	3	1	0	15
TX	0	0	0	0	0	0	0	2	2
Total	19	5	2	2	7	15	6	2	58

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

Carcinoma of the Nasopharynx ----- 58 Cases

Cranial Nerve Palsy

Without cranial nerve palsy 45 cases
 With cranial nerve palsy 13 cases

Cranial nerve	Right		Left	
	Incomplete palsy	Complete palsy	Incomplete palsy	Complete palsy
I	0	0	0	0
II	0	0	0	0
III	2	1	1	0
IV	0	1	1	0
V	3	1	6	0
VI	0	1	1	3
VII	0	1	1	0
VIII	0	1	0	0
IX	0	0	2	1
X	0	0	1	0
XI	0	0	1	0
XII	0	1	2	0

Carcinoma of the Nasopharynx ----- 58 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	2	2	1	7	12
2)Surg. alone	0	0	1	0	1
3)Preop. rad.	0	0	0	0	0
4)Postop. rad.	0	1	0	1	2
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0
7)Rad.+chem.+surg.	1	0	1	0	2
8)Rad.+chem.	6	8	1	22	37
9)Others	1	1	0	2	4
No information	0	0	0	0	0
Total	10	12	4	32	58

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 58 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0) Without surgery	(1) With surgery	No infor- mation	Total
Postero-superior wall	9	0	1	10
Lateral wall	10	2	0	12
Inferior wall	2	2	0	4
Nasopharynx, NOS	30	2	0	32
Total	51	6	1	58

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 58 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	2	9	18
1)Rad. alone	1	2	0	3	6
2)Surg. alone	0	0	1	0	1
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	1	1
7)Rad.+chem.+surg.	2	0	0	0	2
8)Rad.+chem.	5	5	1	19	30
9)Others	0	0	0	0	0
No information	0	0	0	0	0
Total	10	12	4	32	58

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 58 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	7	2	0	0	0	1	10
Lateral wall	12	0	0	0	0	0	12
Inferior wall	3	1	0	0	0	0	4
Nasopharynx, NOS	31	1	0	0	0	0	32
Total	53	4	0	0	0	1	58

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 58 Cases

Reconstructive Surgery by Subsite

Subsite	(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Postero-superior wall	9	0	1	10
Lateral wall	12	0	0	12
Inferior wall	4	0	0	4
Nasopharynx, NOS	32	0	0	32
Total	57	0	1	58

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 58 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	9	0	0	0	0	1	10
Lateral wall	1	11	0	0	0	0	0	12
Inferior wall	1	3	0	0	0	0	0	4
Nasopharynx, NOS	2	30	0	0	0	0	0	32
Total	4	53	0	0	0	0	1	58

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 58 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	1	0	0	8	0	0	0	0	1	10
Lateral wall	3	0	1	7	0	0	1	0	0	12
Inferior wall	1	0	1	2	0	0	0	0	0	4
Nasopharynx, NOS	7	0	0	25	0	0	0	0	0	32
Total	12	0	2	42	0	0	1	0	1	58

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 58 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Postero-superior wall	7	2	1	10
Lateral wall	11	1	0	12
Inferior wall	4	0	0	4
Nasopharynx, NOS	31	0	1	32
Total	53	3	2	58

immuno.: immunotherapy.

NOS: not otherwise specified.

Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus

26 Cases

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the
Maxillary Sinus ----- 26 Cases

Subsite

Subsite	Number of patients
Nasal cavity	18 (69.2%)
Ethmoid sinus	1 (3.8%)
Frontal sinus	6 (23.1%)
Sphenoid sinus	1 (3.8%)
Paranasal sinus, NOS	0 (0.0%)
Total	26 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses
Excluding the Maxillary Sinus ----- 26 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	4	1	0	5
50 - 59	7	3	0	10
60 - 69	3	1	0	4
70 - 79	5	0	0	5
80 - 89	0	1	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	20	6	0	26

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 26 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.	3	0	0	0	0	3
Ca., undiff., NOS	1	0	0	0	0	1
S.C.C., NOS	6	1	4	1	0	12
S.C.C., kerat., NOS	1	0	0	0	0	1
S.C.C., large cell, non-kerat.	1	0	0	0	0	1
S.C.C., small cell, non-kerat.	1	0	0	0	0	1
Adenocarcinoma, NOS	1	0	2	0	0	3
Adenoid cystic ca.	1	0	0	0	0	1
Mucoepidermoid ca.	1	0	0	0	0	1
Malig. melanoma, NOS	1	0	0	0	0	1
Esthesioneuroblastoma	1	0	0	0	0	1
Total	18	1	6	1	0	26

NOS: not otherwise specified.

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

malig.: malignant.

undiff.: undifferentiated.

kerat.: keratinizing.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 26 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	3	0	1	0	0	4
2)Surg. alone	5	0	2	0	0	7
3)Preop. rad.	1	0	1	0	0	2
4)Postop. rad.	2	0	1	0	0	3
5)Preop. & postop. rad.	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0	0
7)Rad.+chem.+surg.	1	1	0	0	0	2
8)Rad.+chem.	3	0	1	1	0	5
9)Others	3	0	0	0	0	3
No information	0	0	0	0	0	0
Total	18	1	6	1	0	26

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 ----- 26 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	12	1	18
Ethmoid sinus	(1603)	0	0	1	1
Frontal sinus	(1604)	2	4	0	6
Sphenoid sinus	(1605)	1	0	0	1
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		8	16	2	26

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 26 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	14	1	5	1	0	21
1)Rad. alone	1	0	0	0	0	1
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.	1	0	0	0	0	1
8)Rad.+chem.	1	0	1	0	0	2
9)Others	1	0	0	0	0	1
No information	0	0	0	0	0	0
Total	18	1	6	1	0	26

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 ----- 26 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)	13	2	0	0	0	3	18
Ethmoid sinus (1603)	1	0	0	0	0	0	1
Frontal sinus (1604)	6	0	0	0	0	0	6
Sphenoid sinus (1605)	1	0	0	0	0	0	1
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0
Total	21	2	0	0	0	3	26

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 26 Cases

Reconstructive Surgery by Subsite

Subsite	(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Nasal cavity (1600)	12	2	4	18
Ethmoid sinus (1603)	1	0	0	1
Frontal sinus (1604)	4	2	0	6
Sphenoid sinus (1605)	1	0	0	1
Paranasal sinus, NOS (1609)	0	0	0	0
Total	18	4	4	26

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 26 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)	5	9	0	0	0	0	4	18
Ethmoid sinus (1603)	0	1	0	0	0	0	0	1
Frontal sinus (1604)	2	4	0	0	0	0	0	6
Sphenoid sinus (1605)	0	1	0	0	0	0	0	1
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0
Total	7	15	0	0	0	0	4	26

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 26 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)	8	0	0	6	0	0	1	0	3	18
Ethmoid sinus (1603)	0	0	1	0	0	0	0	0	0	1
Frontal sinus (1604)	5	0	0	1	0	0	0	0	0	6
Sphenoid sinus (1605)	0	0	0	1	0	0	0	0	0	1
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0	0	0
Total	13	0	1	8	0	0	1	0	3	26

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 26 Cases

Immunotherapy by Subsite

Subsite		(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Nasal cavity	(1600)	14	1	3	18
Ethmoid sinus	(1603)	1	0	0	1
Frontal sinus	(1604)	6	0	0	6
Sphenoid sinus	(1605)	1	0	0	1
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		22	1	3	26

immuno.: immunotherapy.

NOS: not otherwise specified.

Maxillary Sinus

79 Cases

Carcinoma of the Maxillary Sinus ----- 79 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	2	1	0	3
40 - 49	10	1	0	11
50 - 59	8	3	0	11
60 - 69	22	6	0	28
70 - 79	7	10	0	17
80 - 89	4	3	0	7
90 -	0	1	0	1
Unknown	0	0	0	0
Total	53	26	0	79

Carcinoma of the Maxillary Sinus ----- 79 Cases

Histological Distribution

Histologic type	Number of patients
Neoplasm, malign.	1 (1.3%)
Carcinoma, NOS	2 (2.5%)
Ca., undiff., NOS	1 (1.3%)
Papillary S.C.C.	1 (1.3%)
S.C.C., NOS	44 (55.7%)
S.C.C., kerat., NOS	17 (21.5%)
S.C.C., large cell, non-kerat.	1 (1.3%)
S.C.C., small cell, non-kerat.	2 (2.5%)
Adenocarcinoma, NOS	2 (2.5%)
Adenoid cystic ca.	7 (8.9%)
Malign. melanoma, NOS	1 (1.3%)
Total	79 (100.0%)

malig.: malignant.

NOS: not otherwise specified.

Ca., ca.: carcinoma.

undiff.: undifferentiated.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Maxillary Sinus ----- 79 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	1	0	0	0	0	0	0	0	1
T2	7	1	0	0	0	0	0	0	8
T3	20	4	0	0	0	1	0	0	25
T4	37	4	1	0	1	1	1	0	45
TX	0	0	0	0	0	0	0	0	0
Total	65	9	1	0	1	2	1	0	79

M1: 0 case.

Carcinoma of the Maxillary Sinus ----- 79 Cases

Treatment Method for the Primary Lesion

Treatment method	Number of patients
0)No treatment	0 (0.0%)
1)Rad. alone	7 (8.9%)
2)Surg. alone	4 (5.1%)
3)Preop. rad.	7 (8.9%)
4)Postop. rad.	5 (6.3%)
5)Preop. & postop. rad.	0 (0.0%)
6)Rad.→ salvage	3 (3.8%)
7)Rad.+chem.+surg.	41 (51.9%)
8)Rad.+chem.	6 (7.6%)
9)Others	6 (7.6%)
No information	0 (0.0%)
Total	79 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 79 Cases

Method of Surgery for the Primary Lesion

Method of Surgery	Number of patients
0)No surgery	15 (19.0%)
1)Extended total maxillectomy	27 (34.2%)
2)Total maxillectomy	15 (19.0%)
3)Subtotal maxillectomy	9 (11.4%)
4)Partial maxillectomy	10 (12.7%)
9)Others	1 (1.3%)
No information	2 (2.5%)
Total	79 (100.0%)

Carcinoma of the Maxillary Sinus ----- 79 Cases

Treatment Method for the Cervical Nodes

Treatment method	Number of patients
0)No treatment	58 (73.4%)
1)Rad. alone	5 (6.3%)
2)Surg. alone	7 (8.9%)
3)Preop. rad.	2 (2.5%)
4)Postop. rad.	0 (0.0%)
5)Preop. & postop. rad.	0 (0.0%)
6)Rad.→ salvage	0 (0.0%)
7)Rad.+chem.+surg.	6 (7.6%)
8)Rad.+chem.	1 (1.3%)
9)Others	0 (0.0%)
No information	0 (0.0%)
Total	79 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 79 Cases

Neck Dissection

Neck dissection	Number of patients
0)No neck dissection	58 (73.4%)
1)Radical neck dissection	8 (10.1%)
2)Conservative neck dissection	1 (1.3%)
3)Partial neck dissection	7 (8.9%)
4)Enucleation	2 (2.5%)
No information	3 (3.8%)
Total	79 (100.0%)

Carcinoma of the Maxillary Sinus ----- 79 Cases

Reconstructive Surgery

Reconstructive surgery	Number of patients
0)No reconstruction	46 (58.2%)
1)Pedicled flap	0 (0.0%)
2)Free flap	20 (25.3%)
3)Free bone graft	0 (0.0%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	9 (11.4%)
9)Others	1 (1.3%)
No information	3 (3.8%)
Total	79 (100.0%)

Carcinoma of the Maxillary Sinus ----- 79 Cases

Radiotherapy for the Primary Lesion

Radiotherapy	Number of patients
0)No radiotherapy	7 (8.9%)
1)External radiotherapy	68 (86.1%)
2)Intracavitary radiotherapy	0 (0.0%)
3)Interstitial radiotherapy	0 (0.0%)
4) 1)+2)	2 (2.5%)
5) 1)+3)	0 (0.0%)
No information	2 (2.5%)
Total	79 (100.0%)

Carcinoma of the Maxillary Sinus ----- 79 Cases

Total Dose of Irradiation

Dose(Gy)	Number of patients
No R.T.	7 (8.9%)
0 <-< 10	0 (0.0%)
10 <-< 20	3 (3.8%)
20 <-< 30	1 (1.3%)
30 <-< 40	0 (0.0%)
40 <-< 50	11 (13.9%)
50 <-< 60	22 (27.8%)
60 <-< 70	27 (34.2%)
70 <-< 80	5 (6.3%)
80 <-< 90	0 (0.0%)
90 -	0 (0.0%)
Dose unknown	1 (1.3%)
No information	2 (2.5%)
Total	79 (100.0%)

0 <-< 40 Gy 5.7% of irradiated patients

0 <-< 50 Gy 21.4% of irradiated patients

0 <-< 60 Gy 52.9% of irradiated patients

R.T.: radiotherapy.

Carcinoma of the Maxillary Sinus ----- 79 Cases

Chemotherapy

Chemotherapy	Number of patients
0)No chemotherapy	21 (26.6%)
1)Topical	1 (1.3%)
2)Arterial	33 (41.8%)
3)Systemic	14 (17.7%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	8 (10.1%)
7) 1)+2)+3)	0 (0.0%)
No information	2 (2.5%)
Total	79 (100.0%)

Carcinoma of the Maxillary Sinus ----- 79 Cases

Immunotherapy

Immunotherapy	Number of patients
0)Without immunotherapy	76 (96.2%)
1)With immunotherapy	1 (1.3%)
No information	2 (2.5%)
Total	79 (100.0%)

Carcinoma of the Maxillary Sinus ----- 79 Cases

Cryosurgery

Cryosurgery	Number of patients
0)Without cryosurgery	77 (97.5%)
1)With cryosurgery	0 (0.0%)
No information	2 (2.5%)
Total	79 (100.0%)