

頭頸部 T N M 分類研究資料

(1994年度症例のTNM分類および一次治療の動向)

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(1994 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

1994年度症例登録施設（27施設）

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旭川医科大学
東北大学医学部
国立水戸病院
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日本医科大学
東京医科大学
福井医科大学
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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・第2
東北大学歯学部第2
東京医科歯科大学歯学部第1
横浜市立大学医学部
信州大学医学部
大阪大学歯学部第2
徳島大学歯学部第1
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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

1335 Cases

Head and Neck Carcinoma ----- 1335 Cases

Primary Site

Site	Number of patients
1)Oral cavity	548 (41.0%)
2)Larynx	359 (26.9%)
3)Hypopharynx	160 (12.0%)
4)Mesopharynx	115 (8.6%)
5)Nasopharynx	59 (4.4%)
6)Nasal cavity, <i>etc</i> .	25 (1.9%)
7)Maxillary sinus	69 (5.2%)
Total	1335 (100.0%)

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

Head and Neck Carcinoma ----- 1335 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	2	0	2
10 - 19	2	2	0	4
20 - 29	9	6	0	15
30 - 39	25	12	0	37
40 - 49	92	21	0	113
50 - 59	256	58	0	314
60 - 69	386	91	0	477
70 - 79	197	65	0	262
80 - 89	71	39	0	110
90 -	1	0	0	1
Unknown	0	0	0	0
Total	1039	296	0	1335

Head and Neck Carcinoma ----- 1335 Cases

Histological Distribution by Primary Site

Histologic type	(1) Oral cavity	(2) Larynx	(3) Hypo- pharynx	(4) Meso- pharynx	(5) Naso- pharynx	(6) Nasal cavity, <i>etc.</i>	(7) Maxillary sinus	Total
Neoplasm, malig.	4	0	0	1	0	4	1	10
Carcinoma, NOS	1	0	1	1	0	1	1	5
Ca., undiff., NOS	0	0	0	0	6	2	2	10
Verrucous ca., NOS	6	0	0	0	0	0	0	6
Papillary S.C.C.	1	0	0	0	0	1	0	2
S.C.C.-in-situ, NOS	9	5	2	0	1	0	0	17
S.C.C., NOS	401	267	121	84	38	6	45	962
S.C.C., kerat., NOS	108	82	33	15	5	1	13	257
S.C.C., large cell, non-kerat.	3	4	2	3	3	0	1	16
S.C.C., small cell, non-kerat.	0	0	0	0	4	0	0	4
Basal cell ca., NOS	0	1	0	0	0	0	0	1
Multicentric basal cell ca.	1	0	0	0	0	0	0	1
Papillary transitional cell ca.	0	0	0	0	0	1	0	1
Adenocarcinoma, NOS	1	0	0	1	0	4	2	8
Adenoid cystic ca.	4	0	1	4	0	1	2	12
Carcinoid tumor, NOS	0	0	0	0	0	1	0	1
Mucoepidermoid ca.	4	0	0	3	1	1	1	10
Acinar cell ca.	1	0	0	1	0	0	1	3
Adenosquamous ca.	1	0	0	0	0	0	0	1
Malig. melanoma, NOS	1	0	0	0	0	2	0	3
Fibrosarcoma, NOS	1	0	0	0	0	0	0	1
Mixed tumor, malig., NOS	1	0	0	1	1	0	0	3
Malig. lymphoma, NOS	0	0	0	1	0	0	0	1
Unknown	0	0	0	0	0	0	0	0
Total	548	359	160	115	59	25	69	1335

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

malig., Malig.: malignant.

undiff.: undifferentiated.

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Head and Neck Carcinoma ----- 1335 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.	3	0	0	0	0	3	0	6
Carcinoma, NOS	1	0	1	1	0	1	1	5
Ca., undiff., NOS	0	0	0	0	5	1	2	8
Verrucous ca., NOS	3	0	0	0	0	0	0	3
Papillary S.C.C.	0	0	0	0	0	1	0	1
S.C.C.-in-situ, NOS	5	4	2	0	0	0	0	11
S.C.C., NOS	265	249	105	77	28	4	34	762
S.C.C., kerat., NOS	68	78	29	15	3	0	9	202
S.C.C., large cell, non-kerat.	2	3	2	2	1	0	0	10
S.C.C., small cell, non-kerat.	0	0	0	0	3	0	0	3
Basal cell ca., NOS	0	1	0	0	0	0	0	1
Multicentric basal cell ca.	0	0	0	0	0	0	0	0
Papillary transitional cell ca.	0	0	0	0	0	0	0	0
Adenocarcinoma, NOS	1	0	0	1	0	3	1	6
Adenoid cystic ca.	1	0	1	1	0	1	2	6
Carcinoid tumor, NOS	0	0	0	0	0	1	0	1
Mucoepidermoid ca.	0	0	0	2	1	1	1	5
Acinar cell ca.	1	0	0	1	0	0	1	3
Adenosquamous ca.	1	0	0	0	0	0	0	1
Malig. melanoma, NOS	0	0	0	0	0	2	0	2
Fibrosarcoma, NOS	1	0	0	0	0	0	0	1
Mixed tumor, malig., NOS	0	0	0	1	0	0	0	1
Malig. lymphoma, NOS	0	0	0	1	0	0	0	1
Unknown	0	0	0	0	0	0	0	0
Total	352	335	140	102	41	18	51	1039

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

malig., Malig.: malignant.

undiff.: undifferentiated.

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Head and Neck Carcinoma ----- 1335 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.	1	0	0	1	0	1	1	4
Carcinoma, NOS	0	0	0	0	0	0	0	0
Ca., undiff., NOS	0	0	0	0	1	1	0	2
Verrucous ca., NOS	3	0	0	0	0	0	0	3
Papillary S.C.C.	1	0	0	0	0	0	0	1
S.C.C.-in-situ, NOS	4	1	0	0	1	0	0	6
S.C.C., NOS	136	18	16	7	10	2	11	200
S.C.C., kerat., NOS	40	4	4	0	2	1	4	55
S.C.C., large cell, non-kerat.	1	1	0	1	2	0	1	6
S.C.C., small cell, non-kerat.	0	0	0	0	1	0	0	1
Basal cell ca., NOS	0	0	0	0	0	0	0	0
Multicentric basal cell ca.	1	0	0	0	0	0	0	1
Papillary transitional cell ca.	0	0	0	0	0	1	0	1
Adenocarcinoma, NOS	0	0	0	0	0	1	1	2
Adenoid cystic ca.	3	0	0	3	0	0	0	6
Carcinoid tumor, NOS	0	0	0	0	0	0	0	0
Mucoepidermoid ca.	4	0	0	1	0	0	0	5
Acinar cell ca.	0	0	0	0	0	0	0	0
Adenosquamous ca.	0	0	0	0	0	0	0	0
Malig. melanoma, NOS	1	0	0	0	0	0	0	1
Fibrosarcoma, NOS	0	0	0	0	0	0	0	0
Mixed tumor, malig., NOS	1	0	0	0	1	0	0	2
Malig. lymphoma, NOS	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	196	24	20	13	18	7	18	296

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

malig., Malig.: malignant.

undiff.: undifferentiated.

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

Head and Neck Carcinoma ----- 1335 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	1	0	0	0	0	0	0	1
Tis	3	0	0	0	0	0	0	0	3
T1	306	7	0	2	3	4	5	0	327
T2	331	83	4	12	35	19	10	2	496
T3	126	40	5	10	33	25	11	1	251
T4	96	33	5	4	44	39	8	2	231
TX	7	2	0	0	2	0	0	15	26
Total	869	166	14	28	117	87	34	20	1335

Head and Neck Carcinoma ----- 1335 Cases

T and N Status (M0 Cases)

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	1	0	0	0	0	0	0	1
Tis	3	0	0	0	0	0	0	0	3
T1	281	7	0	2	3	4	3	0	300
T2	303	77	4	11	30	17	9	1	452
T3	108	32	5	8	26	21	10	0	210
T4	87	27	4	4	39	34	5	0	200
TX	5	2	0	0	0	0	0	0	7
Total	787	146	13	25	98	76	27	1	1173

Head and Neck Carcinoma ----- 1335 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	1	0	0	1	0	1	0	3
T3	2	1	0	0	1	0	1	0	5
T4	2	0	0	0	1	1	0	0	4
TX	0	0	0	0	0	0	0	0	0
Total	4	2	0	0	3	1	3	0	13

Head and Neck Carcinoma ----- 1335 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	25	0	0	0	0	0	1	0	26
T2	28	5	0	1	4	2	0	1	41
T3	16	7	0	2	6	4	0	1	36
T4	7	6	1	0	4	4	3	2	27
TX	2	0	0	0	2	0	0	15	19
Total	78	18	1	3	16	10	4	19	149

Head and Neck Carcinoma ----- 1335 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	15	7	4	3	0	2	1	32
1)Rad. alone	68	175	31	27	20	5	5	331
2)Surg. alone	234	68	35	25	2	3	4	371
3)Preop. rad.	62	18	25	9	0	3	8	125
4)Postop. rad.	15	5	1	4	1	6	1	33
5)Preop. & postop. rad.	8	2	2	2	0	1	3	18
6)Rad.→ salvage	9	6	3	6	0	1	2	27
7)Rad.+chem.+surg.	57	16	15	10	2	3	32	135
8)Rad.+chem.	29	45	24	18	32	0	9	157
9)Others	51	17	20	11	2	1	4	106
No information	0	0	0	0	0	0	0	0
Total	548	359	160	115	59	25	69	1335

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 ----- 1335 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	111	54	67	37	40	222	6	11	548
2)Larynx	224	6	87	1	0	27	5	9	359
3)Hypopharynx	63	27	51	1	0	10	0	8	160
4)Mesopharynx	52	14	28	1	1	13	0	6	115
5)Nasopharynx	55	0	0	0	0	0	2	2	59
6)Nasal cavity, <i>etc</i> .	8	0	0	0	0	0	15	2	25
7)Maxillary sinus	15	11	18	6	0	16	2	1	69
Total	528	112	251	46	41	288	30	39	1335

surg.: surgery.

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

Head and Neck Carcinoma ----- 1335 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	267	259	38	38	16	23	61	702
1)Rad. alone	17	14	21	18	13	0	3	86
2)Surg. alone	133	42	34	17	1	0	2	229
3)Preop. rad.	28	10	21	7	0	1	0	67
4)Postop. rad.	12	5	1	5	1	0	1	25
5)Preop. & postop. rad.	2	2	1	1	0	0	0	6
6)Rad.→ salvage	5	0	3	4	1	0	0	13
7)Rad.+chem.+surg.	40	10	17	13	6	1	1	88
8)Rad.+chem.	18	13	12	8	21	0	0	72
9)Others	26	4	12	4	0	0	1	47
No information	0	0	0	0	0	0	0	0
Total	548	359	160	115	59	25	69	1335

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 ----- 1335 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	267	118	87	60	6	10	548
2)Larynx	267	24	45	14	0	9	359
3)Hypopharynx	59	53	36	5	0	7	160
4)Mesopharynx	55	30	17	6	1	6	115
5)Nasopharynx	49	5	1	0	2	2	59
6)Nasal cavity, <i>etc</i> .	21	1	0	2	0	1	25
7)Maxillary sinus	62	2	3	1	0	1	69
Total	780	233	189	88	9	36	1335

N.D.: neck dissection.

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

Head and Neck Carcinoma ----- 1335 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	320	48	136	0	5	1	0	2	4	21	11	548
2)Larynx	344	6	0	0	0	0	0	0	0	0	9	359
3)Hypopharynx	74	10	57	0	0	3	0	0	0	9	7	160
4)Mesopharynx	63	6	38	0	0	0	0	0	0	2	6	115
5)Nasopharynx	56	0	0	0	0	0	0	0	0	1	2	59
6)Nasal cavity, <i>etc</i> .	18	0	0	0	0	0	0	0	0	6	1	25
7)Maxillary sinus	49	1	14	0	0	0	0	4	0	0	1	69
Total	924	71	245	0	5	4	0	6	4	39	37	1335

recon.: reconstruction.

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

Head and Neck Carcinoma ----- 1335 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	284	210	0	22	4	17	11	548
2)Larynx	83	267	0	0	0	0	9	359
3)Hypopharynx	51	99	0	0	2	0	8	160
4)Mesopharynx	28	76	0	2	0	3	6	115
5)Nasopharynx	2	46	0	0	9	0	2	59
6)Nasal cavity, <i>etc</i> .	5	18	0	0	0	0	2	25
7)Maxillary sinus	8	60	0	0	0	0	1	69
Total	461	776	0	24	15	20	39	1335

R.T.: radiotherapy.

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

Head and Neck Carcinoma ----- 1335 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	380	1	20	126	0	2	4	0	15	548
2)Larynx	267	0	0	82	0	0	0	0	10	359
3)Hypopharynx	93	0	0	59	0	0	0	0	8	160
4)Mesopharynx	66	1	5	37	0	0	0	0	6	115
5)Nasopharynx	20	0	0	36	0	0	0	0	3	59
6)Nasal cavity, <i>etc</i> .	18	1	0	4	0	0	1	0	1	25
7)Maxillary sinus	23	2	21	13	1	3	3	2	1	69
Total	867	5	46	357	1	5	8	2	44	1335

chem.: chemotherapy.

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

Head and Neck Carcinoma ----- 1335 Cases

Immunotherapy by Primary Site

Primary Site	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Oral cavity	518	17	13	548
2)Larynx	349	1	9	359
3)Hypopharynx	152	1	7	160
4)Mesopharynx	108	1	6	115
5)Nasopharynx	55	1	3	59
6)Nasal cavity, <i>etc</i> .	24	0	1	25
7)Maxillary sinus	68	0	1	69
Total	1274	21	40	1335

immuno.: immunotherapy.

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

Head and Neck Carcinoma ----- 1335 Cases

Cryosurgery by Primary Site

Primary Site	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Oral cavity	531	4	13	548
2)Larynx	350	0	9	359
3)Hypopharynx	153	0	7	160
4)Mesopharynx	109	0	6	115
5)Nasopharynx	56	0	3	59
6)Nasal cavity, <i>etc</i> .	24	0	1	25
7)Maxillary sinus	68	0	1	69
Total	1291	4	40	1335

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

Oral Cavity

548 Cases

Carcinoma of the Oral Cavity ----- 548 Cases

Subsite

Subsite	Number of patients
1)Lip	5 (0.9%)
2)Buccal mucosa	32 (5.8%)
3)Retromolar area	18 (3.3%)
4)Gingiva	102 (18.6%)
5)Hard palate	18 (3.3%)
6)Floor of the mouth	76 (13.9%)
7)Tongue	294 (53.6%)
9)Oral cavity, NOS	3 (0.5%)
Total	548 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	2	0	2
10 - 19	0	2	0	2
20 - 29	6	5	0	11
30 - 39	17	9	0	26
40 - 49	38	16	0	54
50 - 59	99	39	0	138
60 - 69	118	53	0	171
70 - 79	53	42	0	95
80 - 89	20	28	0	48
90 -	1	0	0	1
Unknown	0	0	0	0
Total	352	196	0	548

Carcinoma of the Oral Cavity ----- 548 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	0	1	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	3	2	0	5

Carcinoma of the Oral Cavity ----- 548 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	1	0	1
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	0	1	0	1
50 - 59	1	1	0	2
60 - 69	7	2	0	9
70 - 79	1	13	0	14
80 - 89	1	4	0	5
90 -	0	0	0	0
Unknown	0	0	0	0
Total	10	22	0	32

Carcinoma of the Oral Cavity ----- 548 Cases

Carcinoma of the Retromolar Area

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	1	0	0	1
50 - 59	6	0	0	6
60 - 69	7	2	0	9
70 - 79	0	0	0	0
80 - 89	1	1	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	15	3	0	18

Carcinoma of the Oral Cavity ----- 548 Cases

Carcinoma of the Gingiva

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	1	0	1
10 - 19	0	0	0	0
20 - 29	1	0	0	1
30 - 39	2	0	0	2
40 - 49	3	2	0	5
50 - 59	9	12	0	21
60 - 69	19	12	0	31
70 - 79	14	14	0	28
80 - 89	5	8	0	13
90 -	0	0	0	0
Unknown	0	0	0	0
Total	53	49	0	102

Carcinoma of the Oral Cavity ----- 548 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	1	2	0	3
40 - 49	1	1	0	2
50 - 59	1	0	0	1
60 - 69	1	5	0	6
70 - 79	2	0	0	2
80 - 89	3	0	0	3
90 -	1	0	0	1
Unknown	0	0	0	0
Total	10	8	0	18

Carcinoma of the Oral Cavity ----- 548 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	1	0	1
30 - 39	0	0	0	0
40 - 49	7	1	0	8
50 - 59	22	3	0	25
60 - 69	25	7	0	32
70 - 79	8	1	0	9
80 - 89	0	1	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	62	14	0	76

Carcinoma of the Oral Cavity ----- 548 Cases

Carcinoma of the Tongue

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	1	0	1
10 - 19	0	0	0	0
20 - 29	5	4	0	9
30 - 39	13	7	0	20
40 - 49	26	11	0	37
50 - 59	59	23	0	82
60 - 69	58	25	0	83
70 - 79	26	13	0	39
80 - 89	10	13	0	23
90 -	0	0	0	0
Unknown	0	0	0	0
Total	197	97	0	294

Carcinoma of the Oral Cavity ----- 548 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	1	0	1
20 - 29	0	0	0	0
30 - 39	1	0	0	1
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	2	1	0	3

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 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	1	1	0	0	0	2	4
Carcinoma, NOS	0	0	0	0	1	0	0	0	1
Verrucous ca., NOS	0	0	0	2	2	0	2	0	6
Papillary S.C.C.	0	0	0	1	0	0	0	0	1
S.C.C.-in-situ, NOS	1	1	0	0	0	1	6	0	9
S.C.C., NOS	4	23	13	73	5	61	221	1	401
S.C.C., kerat., NOS	0	8	3	23	2	14	58	0	108
S.C.C., large cell, non-kerat.	0	0	0	0	0	0	3	0	3
Multicentric basal cell ca.	0	0	0	0	0	0	1	0	1
Adenocarcinoma, NOS	0	0	0	1	0	0	0	0	1
Adenoid cystic ca.	0	0	0	0	3	0	1	0	4
Mucoepidermoid ca.	0	0	1	0	2	0	1	0	4
Acinar cell ca.	0	0	0	0	1	0	0	0	1
Adenosquamous ca.	0	0	0	0	0	0	1	0	1
Malig. melanoma, NOS	0	0	0	0	1	0	0	0	1
Fibrosarcoma, NOS	0	0	0	1	0	0	0	0	1
Mixed tumor, malig., NOS	0	0	0	0	1	0	0	0	1
Total	5	32	18	102	18	76	294	3	548

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

malig., Malig.: malignant.

kerat.: keratinizing.

ca.: carcinoma.

Carcinoma of the Oral Cavity ----- 548 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	1	0	0	0	0	0	0	1
Tis	0	0	0	0	0	0	0	0	0
T1	107	1	0	0	0	1	0	0	109
T2	181	57 *	1	2	16	4	0	0	261
T3	42	15	2	3	18	5	1	0	86
T4	28	19	4	2	17 *	17	2	0	89
TX	1	0	0	0	0	0	0	1	2
Total	359	93	7	7	51	27	3	1	548

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

Carcinoma of the Oral Cavity ----- 548 Cases

Carcinoma of the Lip

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	1	0	0	0	0	0	0	0	1
T2	4	0	0	0	0	0	0	0	4
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	5	0	0	0	0	0	0	0	5

M1: 0 case.

Carcinoma of the Oral Cavity ----- 548 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	0	0	0	0	0	0	0	3
T2	15	3	0	0	1	0	0	0	19
T3	3	1	0	0	1	0	0	0	5
T4	3	0	0	0	2	0	0	0	5
TX	0	0	0	0	0	0	0	0	0
Total	24	4	0	0	4	0	0	0	32

M1: 0 case.

Carcinoma of the Oral Cavity ----- 548 Cases

Carcinoma of the Retromolar Area

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	0	0	0	0	0	0	0	0	0
T2	7	1	0	1	1	0	0	0	10
T3	1	0	0	0	0	0	0	0	1
T4	2	3	1	0	1 *	0	0	0	7
TX	0	0	0	0	0	0	0	0	0
Total	10	4	1	1	2	0	0	0	18

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

Carcinoma of the Oral Cavity ----- 548 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	15	1	0	0	0	0	0	0	16
T2	35	11	0	0	3	2	0	0	51
T3	6	2	0	1	4	0	0	0	13
T4	9	2	0	1	6	3	0	0	21
TX	1	0	0	0	0	0	0	0	1
Total	66	16	0	2	13	5	0	0	102

M1: 0 case.

Carcinoma of the Oral Cavity ----- 548 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	6	0	0	0	0	0	0	0	6
T2	5	0	0	0	0	0	0	0	5
T3	4	0	0	0	0	0	0	0	4
T4	3	0	0	0	0	0	0	0	3
TX	0	0	0	0	0	0	0	0	0
Total	18	0	0	0	0	0	0	0	18

M1: 0 case.

Carcinoma of the Oral Cavity ----- 548 Cases

Carcinoma of the Floor of the Mouth

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	11	0	0	0	0	1	0	0	12
T2	22	11	0	1	3	1	0	0	38
T3	5	1	0	0	2	0	0	0	8
T4	3	2	0	0	4	8	1	0	18
TX	0	0	0	0	0	0	0	0	0
Total	41	14	0	1	9	10	1	0	76

M1: 0 case.

Carcinoma of the Oral Cavity ----- 548 Cases

Carcinoma of the Tongue

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	1	0	0	0	0	0	0	1
Tis	0	0	0	0	0	0	0	0	0
T1	71	0	0	0	0	0	0	0	71
T2	91	31 *	1	0	8	1	0	0	132
T3	23	11	2	2	11	5	1	0	55
T4	7	12	3	1	4	6	1	0	34
TX	0	0	0	0	0	0	0	1	1
Total	192	55	6	3	23	12	2	1	294

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

Carcinoma of the Oral Cavity ----- 548 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	2	0	0	0	0	0	0	0	2
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	3	0	0	0	0	0	0	0	3

M1: 0 case.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	(1) Lip	(2) Buccal mucosa	(3) Retromolar area	(4) Gingiva	(5) Hard palate	(6) Floor of the mouth	(7) Tongue	(9) Oral cavity, NOS	Total
0)No treatment	0	1	0	1	2	2	9	0	15
1)Rad. alone	3	5	6	5	2	8	39	0	68
2)Surg. alone	2	15	3	46	6	24	136	2	234
3)Preop. rad.	0	3	3	6	1	15	34	0	62
4)Postop. rad.	0	1	1	3	1	1	8	0	15
5)Preop. & postop. rad.	0	0	0	3	1	1	3	0	8
6)Rad.→ salvage	0	1	0	2	0	3	3	0	9
7)Rad.+chem.+surg.	0	2	1	16	2	10	26	0	57
8)Rad.+chem.	0	2	1	6	1	5	14	0	29
9)Others	0	2	3	14	2	7	22	1	51
No information	0	0	0	0	0	0	0	0	0
Total	5	32	18	102	18	76	294	3	548

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 548 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0) No surg.	(1) Extended total	(2) Total	(3) Subtotal	(4) Hemi-	(5) Partial	(9) Others	No infor- mation	Total
1)Lip	3	0	1	1	0	0	0	0	5
2)Buccal mucosa	7	6	7	1	0	10	1	0	32
3)Retromolar area	8	3	3	0	1	3	0	0	18
4)Gingiva	13	13	10	3	5	56	2	0	102
5)Hard palate	6	0	4	1	0	7	0	0	18
6)Floor of the mouth	14	9	17	3	4	23	2	4	76
7)Tongue	60	22	25	27	29	123	1	7	294
9)Oral cavity, NOS	0	1	0	1	1	0	0	0	3
Total	111	54	67	37	40	222	6	11	548

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 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	18	7	48	16	23	149	1	267
1)Rad. alone	0	1	1	2	0	2	11	0	17
2)Surg. alone	0	8	4	27	2	24	67	1	133
3)Preop. rad.	0	1	3	4	0	7	13	0	28
4)Postop. rad.	0	0	0	1	0	1	10	0	12
5)Preop. & postop. rad.	0	0	0	1	0	0	1	0	2
6)Rad.→ salvage	0	1	0	0	0	3	1	0	5
7)Rad.+chem.+surg.	0	3	1	6	0	8	22	0	40
8)Rad.+chem.	0	0	1	4	0	4	9	0	18
9)Others	0	0	1	9	0	4	11	1	26
No information	0	0	0	0	0	0	0	0	0
Total	5	32	18	102	18	76	294	3	548

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 548 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	17	5	4	5	1	0	32
3)Retromolar area	8	7	2	1	0	0	18
4)Gingiva	45	22	19	13	2	1	102
5)Hard palate	16	0	0	2	0	0	18
6)Floor of the mouth	23	21	18	9	2	3	76
7)Tongue	153	62	43	29	1	6	294
9)Oral cavity, NOS	0	1	1	1	0	0	3
Total	267	118	87	60	6	10	548

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 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	4	1	0	0	0	0	0	0	0	0	0	5
2)Buccal mucosa	17	4	7	0	0	0	0	0	0	3	1	32
3)Retromolar area	10	4	4	0	0	0	0	0	0	0	0	18
4)Gingiva	65	8	18	0	4	0	0	1	1	5	0	102
5)Hard palate	13	0	4	0	0	0	0	0	0	1	0	18
6)Floor of the mouth	28	10	24	0	1	1	0	1	2	5	4	76
7)Tongue	182	20	78	0	0	0	0	0	1	7	6	294
9)Oral cavity, NOS	1	1	1	0	0	0	0	0	0	0	0	3
Total	320	48	136	0	5	1	0	2	4	21	11	548

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
1)Lip	2	2	0	1	0	0	0	5
2)Buccal mucosa	15	15	0	0	0	1	1	32
3)Retromolar area	6	11	0	0	0	1	0	18
4)Gingiva	58	39	0	1	1	1	2	102
5)Hard palate	10	8	0	0	0	0	0	18
6)Floor of the mouth	33	37	0	0	0	4	2	76
7)Tongue	157	98	0	20	3	10	6	294
9)Oral cavity, NOS	3	0	0	0	0	0	0	3
Total	284	210	0	22	4	17	11	548

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 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	20	0	0	11	0	0	0	0	1	32
3)Retromolar area	13	0	1	4	0	0	0	0	0	18
4)Gingiva	58	0	8	29	0	1	4	0	2	102
5)Hard palate	11	0	1	5	0	0	0	0	1	18
6)Floor of the mouth	50	0	1	20	0	0	0	0	5	76
7)Tongue	221	1	9	56	0	1	0	0	6	294
9)Oral cavity, NOS	2	0	0	1	0	0	0	0	0	3
Total	380	1	20	126	0	2	4	0	15	548

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Lip	5	0	0	5
2)Buccal mucosa	30	1	1	32
3)Retromolar area	18	0	0	18
4)Gingiva	94	6	2	102
5)Hard palate	17	0	1	18
6)Floor of the mouth	67	6	3	76
7)Tongue	284	4	6	294
9)Oral cavity, NOS	3	0	0	3
Total	518	17	13	548

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 548 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Lip	5	0	0	5
2)Buccal mucosa	31	0	1	32
3)Retromolar area	18	0	0	18
4)Gingiva	100	0	2	102
5)Hard palate	17	0	1	18
6)Floor of the mouth	71	2	3	76
7)Tongue	286	2	6	294
9)Oral cavity, NOS	3	0	0	3
Total	531	4	13	548

NOS: not otherwise specified.

Larynx

359 Cases

Carcinoma of the Larynx ----- 359 Cases

Subsite

Subsite	Number of patients
Glottis	235 (65.5%)
Supraglottis	89 (24.8%)
Subglottis	10 (2.8%)
Larynx, NOS	25 (7.0%)
Total	359 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 359 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	1	0	0	1
30 - 39	1	0	0	1
40 - 49	14	0	0	14
50 - 59	61	5	0	66
60 - 69	151	8	0	159
70 - 79	82	7	0	89
80 - 89	25	4	0	29
90 -	0	0	0	0
Unknown	0	0	0	0
Total	335	24	0	359

Carcinoma of the Larynx ----- 359 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	1	0	0	1
30 - 39	1	0	0	1
40 - 49	10	0	0	10
50 - 59	37	1	0	38
60 - 69	107	5	0	112
70 - 79	53	4	0	57
80 - 89	15	1	0	16
90 -	0	0	0	0
Unknown	0	0	0	0
Total	224	11	0	235

Carcinoma of the Larynx ----- 359 Cases

Carcinoma of the Supraglottis

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	4	0	0	4
50 - 59	17	4	0	21
60 - 69	30	2	0	32
70 - 79	21	3	0	24
80 - 89	6	2	0	8
90 -	0	0	0	0
Unknown	0	0	0	0
Total	78	11	0	89

Carcinoma of the Larynx ----- 359 Cases

Carcinoma of the Subglottis

Distribution of Gender by Age

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

Carcinoma of the Larynx ----- 359 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	4	0	0	4
60 - 69	12	0	0	12
70 - 79	7	0	0	7
80 - 89	1	1	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	24	1	0	25

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 359 Cases

Histological Distribution by Subsite

Histologic type	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
S.C.C.-in-situ, NOS	5	0	0	0	5
S.C.C., NOS	169	71	8	19	267
S.C.C., kerat., NOS	58	17	2	5	82
S.C.C., large cell, non-kerat.	3	1	0	0	4
Basal cell ca., NOS	0	0	0	1	1
Total	235	89	10	25	359

NOS: not otherwise specified.
ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Larynx ----- 359 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	3	0	0	0	0	0	0	0	3
T1	172	4	0	1	1	0	1	0	179
T2	87	3	2	0	0	1	0	0	93
T3	34 *	7	0	1	3	8	2 *	0	55
T4	11	3	0	1	7	4	0	0	26
TX	0	0	0	0	0	0	0	3	3
Total	307	17	2	3	11	13	3	3	359

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

Carcinoma of the Larynx ----- 359 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	3	0	0	0	0	0	0	0	3
T1	4	0	0	0	0	0	0	0	4
T1a	105	0	0	0	0	0	0	0	105
T1b	45	0	0	0	0	0	0	0	45
T2	50	1	0	0	0	0	0	0	51
T3	11 *	3	0	0	2	2	0	0	18
T4	4	1	0	0	1	1	0	0	7
TX	0	0	0	0	0	0	0	2	2
Total	222	5	0	0	3	3	0	2	235

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

Carcinoma of the Larynx ----- 359 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	12	4	0	1	0	0	1	0	18
T2	21	1	2	0	0	1	0	0	25
T3	17	4	0	1	1	6	1 *	0	30
T4	4	2	0	1	6	3	0	0	16
TX	0	0	0	0	0	0	0	0	0
Total	54	11	2	3	7	10	2	0	89

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

Carcinoma of the Larynx ----- 359 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	6	0	0	0	0	0	0	0	6
T3	2	0	0	0	0	0	1	0	3
T4	1	0	0	0	0	0	0	0	1
TX	0	0	0	0	0	0	0	0	0
Total	9	0	0	0	0	0	1	0	10

M1: 0 case.

Carcinoma of the Larynx ----- 359 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	6	0	0	0	1	0	0	0	7
T2	10	1	0	0	0	0	0	0	11
T3	4	0	0	0	0	0	0	0	4
T4	2	0	0	0	0	0	0	0	2
TX	0	0	0	0	0	0	0	1	1
Total	22	1	0	0	1	0	0	1	25

NOS: not otherwise specified.

M1: 0 case.

Carcinoma of the Larynx ----- 359 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	0	6	0	1	7
1)Rad. alone	146	24	2	3	175
2)Surg. alone	29	28	5	6	68
3)Preop. rad.	10	7	1	0	18
4)Postop. rad.	3	1	0	1	5
5)Preop. & postop. rad.	1	1	0	0	2
6)Rad.→ salvage	4	1	0	1	6
7)Rad.+chem.+surg.	8	3	0	5	16
8)Rad.+chem.	27	12	1	5	45
9)Others	7	6	1	3	17
No information	0	0	0	0	0
Total	235	89	10	25	359

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 359 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	2	2	1	0	7
1)Rad. alone	0	3	126	40	4	1	1	175
2)Surg. alone	0	0	9	20	26	13	0	68
3)Preop. rad.	0	0	3	5	8	1	1	18
4)Postop. rad.	0	0	1	0	3	1	0	5
5)Preop. & postop. rad.	0	0	1	0	1	0	0	2
6)Rad.→ salvage	0	0	1	5	0	0	0	6
7)Rad.+chem.+surg.	0	0	4	7	1	4	0	16
8)Rad.+chem.	0	0	28	10	3	4	0	45
9)Others	0	0	4	4	7	1	1	17
No information	0	0	0	0	0	0	0	0
Total	0	3	179	93	55	26	3	359

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 359 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	0	0	0	0	0	0
1)Rad. alone	0	3	1	83	29	28	1	0	1	146
2)Surg. alone	0	0	0	5	1	12	7	4	0	29
3)Preop. rad.	0	0	1	1	1	2	3	1	1	10
4)Postop. rad.	0	0	0	0	0	0	3	0	0	3
5)Preop. & postop. rad.	0	0	0	0	0	0	1	0	0	1
6)Rad.→ salvage	0	0	0	1	0	3	0	0	0	4
7)Rad.+chem.+surg.	0	0	0	3	0	3	0	2	0	8
8)Rad.+chem.	0	0	2	10	12	2	1	0	0	27
9)Others	0	0	0	2	2	1	2	0	0	7
No information	0	0	0	0	0	0	0	0	0	0
Total	0	3	4	105	45	51	18	7	2	235

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 359 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	1	2	2	1	0	6
1)Rad. alone	0	0	12	8	3	1	0	24
2)Surg. alone	0	0	2	4	14	8	0	28
3)Preop. rad.	0	0	0	2	5	0	0	7
4)Postop. rad.	0	0	0	0	0	1	0	1
5)Preop. & postop. rad.	0	0	1	0	0	0	0	1
6)Rad.→ salvage	0	0	0	1	0	0	0	1
7)Rad.+chem.+surg.	0	0	0	2	1	0	0	3
8)Rad.+chem.	0	0	2	4	2	4	0	12
9)Others	0	0	0	2	3	1	0	6
No information	0	0	0	0	0	0	0	0
Total	0	0	18	25	30	16	0	89

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 359 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	0	0	0	2
2)Surg. alone	0	0	0	2	2	1	0	5
3)Preop. rad.	0	0	0	1	0	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	0	0	0
7)Rad.+chem.+surg.	0	0	0	0	0	0	0	0
8)Rad.+chem.	0	0	0	1	0	0	0	1
9)Others	0	0	0	0	1	0	0	1
No information	0	0	0	0	0	0	0	0
Total	0	0	0	6	3	1	0	10

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 359 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	1	2	0	0	0	3
2)Surg. alone	0	0	1	2	3	0	0	6
3)Preop. rad.	0	0	0	0	0	0	0	0
4)Postop. rad.	0	0	1	0	0	0	0	1
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	1	0	0	0	1
7)Rad.+chem.+surg.	0	0	1	2	0	2	0	5
8)Rad.+chem.	0	0	2	3	0	0	0	5
9)Others	0	0	0	1	1	0	1	3
No information	0	0	0	0	0	0	0	0
Total	0	0	7	11	4	2	1	25

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 359 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)	170	2	36	0	18	5	4	235
Supraglottis (1611)	42	4	35	0	5	0	3	89
Subglottis (1612)	3	0	5	1	0	0	1	10
Larynx, NOS (1619)	9	0	11	0	4	0	1	25
Total	224	6	87	1	27	5	9	359

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 359 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	3	155	50	9	6	1	224
1)Extended total	0	0	0	0	3	3	0	6
2)Total	0	0	3	29	37	17	1	87
3)Subtotal	0	0	0	1	0	0	0	1
4)Partial	0	0	14	12	1	0	0	27
9)Others	0	0	4	1	0	0	0	5
No information	0	0	3	0	5	0	1	9
Total	0	3	179	93	55	26	3	359

Carcinoma of the Larynx ----- 359 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	3	3	92	41	28	2	0	1	170
1)Extended total	0	0	0	0	0	0	2	0	0	2
2)Total	0	0	0	1	0	14	13	7	1	36
3)Subtotal	0	0	0	0	0	0	0	0	0	0
4)Partial	0	0	1	6	3	8	0	0	0	18
9)Others	0	0	0	4	0	1	0	0	0	5
No information	0	0	0	2	1	0	1	0	0	4
Total	0	3	4	105	45	51	18	7	2	235

Carcinoma of the Larynx ----- 359 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	15	14	7	6	0	42
1)Extended total	0	0	0	0	1	3	0	4
2)Total	0	0	1	9	18	7	0	35
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	2	2	1	0	0	5
9)Others	0	0	0	0	0	0	0	0
No information	0	0	0	0	3	0	0	3
Total	0	0	18	25	30	16	0	89

Carcinoma of the Larynx ----- 359 Cases

Carcinoma of the Subglottis

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T2	T3	T4	TX	Total
0)No surgery	0	0	0	3	0	0	0	3
1)Extended total	0	0	0	0	0	0	0	0
2)Total	0	0	0	2	2	1	0	5
3)Subtotal	0	0	0	1	0	0	0	1
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	1	0	0	1
Total	0	0	0	6	3	1	0	10

Carcinoma of the Larynx ----- 359 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	4	5	0	0	0	9
1)Extended total	0	0	0	0	0	0	0	0
2)Total	0	0	1	4	4	2	0	11
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	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	1	1
Total	0	0	7	11	4	2	1	25

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 359 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	203	35	5	16	259
1)Rad. alone	7	7	0	0	14
2)Surg. alone	11	25	4	2	42
3)Preop. rad.	4	5	1	0	10
4)Postop. rad.	3	2	0	0	5
5)Preop. & postop. rad.	1	1	0	0	2
6)Rad.→ salvage	0	0	0	0	0
7)Rad.+chem.+surg.	3	4	0	3	10
8)Rad.+chem.	1	9	0	3	13
9)Others	2	1	0	1	4
No information	0	0	0	0	0
Total	235	89	10	25	359

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 359 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)	201	10	15	5	0	4	235
Supraglottis (1611)	45	12	23	6	0	3	89
Subglottis (1612)	4	1	2	2	0	1	10
Larynx, NOS (1619)	17	1	5	1	0	1	25
Total	267	24	45	14	0	9	359

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 359 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)	228	3	0	0	0	0	0	0	4	235
Supraglottis (1611)	83	3	0	0	0	0	0	0	3	89
Subglottis (1612)	9	0	0	0	0	0	0	0	1	10
Larynx, NOS (1619)	24	0	0	0	0	0	0	0	1	25
Total	344	6	0	0	0	0	0	0	9	359

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 359 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)	35	197	0	0	0	0	3	235
Supraglottis (1611)	35	50	0	0	0	0	4	89
Subglottis (1612)	5	4	0	0	0	0	1	10
Larynx, NOS (1619)	8	16	0	0	0	0	1	25
Total	83	267	0	0	0	0	9	359

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 359 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)	183	0	0	48	0	0	0	0	4	235
Supraglottis (1611)	64	0	0	21	0	0	0	0	4	89
Subglottis (1612)	7	0	0	2	0	0	0	0	1	10
Larynx, NOS (1619)	13	0	0	11	0	0	0	0	1	25
Total	267	0	0	82	0	0	0	0	10	359

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 359 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Glottis (1610)	231	1	3	235
Supraglottis (1611)	85	0	4	89
Subglottis (1612)	9	0	1	10
Larynx, NOS (1619)	24	0	1	25
Total	349	1	9	359

immuno.: immunotherapy.

NOS: not otherwise specified.

Hypopharynx

160 Cases

Carcinoma of the Hypopharynx ----- 160 Cases

Subsite

Subsite	Number of patients
Postcricoid	21 (13.1%)
Pyriiform sinus	90 (56.3%)
Posterior wall	13 (8.1%)
Cervical esophagus	12 (7.5%)
Hypopharynx, NOS	24 (15.0%)
Total	160 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 160 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	1	0	2
40 - 49	14	2	0	16
50 - 59	35	5	0	40
60 - 69	47	10	0	57
70 - 79	31	2	0	33
80 - 89	12	0	0	12
90 -	0	0	0	0
Unknown	0	0	0	0
Total	140	20	0	160

Carcinoma of the Hypopharynx ----- 160 Cases

Histological Distribution by Subsite

Histologic type	Post-cricoid (1480)	Pyriiform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
Carcinoma, NOS	0	1	0	0	0	1
S.C.C.-in-situ, NOS	1	0	1	0	0	2
S.C.C., NOS	17	72	8	11	13	121
S.C.C., kerat., NOS	3	14	4	1	11	33
S.C.C., large cell, non-kerat.	0	2	0	0	0	2
Adenoid cystic ca.	0	1	0	0	0	1
Total	21	90	13	12	24	160

NOS: not otherwise specified.
kerat.: keratinizing.

S.C.C.: squamous cell carcinoma.
ca.: carcinoma.

Carcinoma of the Hypopharynx ----- 160 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	11	1	0	1	2	0	2 *	0	17
T2	24	13	1	5	9 *	6	4	1	63
T3	9 *	11 *	1	2	8 *	6	4	1	42
T4	10 *	3	0	0	8	7 *	2	0	30
TX	3	1	0	0	2	0	0	2	8
Total	57	29	2	8	29	19	12	4	160

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

Carcinoma of the Hypopharynx ----- 160 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Post-cricoid (1480)	Pyriiform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
0)No treatment	0	3	1	0	0	4
1)Rad. alone	6	19	4	0	2	31
2)Surg. alone	5	22	1	4	3	35
3)Preop. rad.	2	16	0	4	3	25
4)Postop. rad.	1	0	0	0	0	1
5)Preop. & postop. rad.	0	2	0	0	0	2
6)Rad.→ salvage	0	2	0	0	1	3
7)Rad.+chem.+surg.	3	5	2	1	4	15
8)Rad.+chem.	2	10	3	2	7	24
9)Others	2	11	2	1	4	20
No information	0	0	0	0	0	0
Total	21	90	13	12	24	160

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 160 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite		(0)	(1)	(2)	(3)	(4)	(9)	No infor- mation	Total
		No surg.	Extended total	Total	Subtotal	Partial	Others		
Postcricoid	(1480)	9	4	7	0	1	0	0	21
Pyriform sinus	(1481)	34	14	31	1	6	0	4	90
Posterior wall	(1483)	8	2	1	0	1	0	1	13
Cervical esophagus	(1500)	2	2	7	0	0	0	1	12
Hypopharynx, NOS	(1489)	10	5	5	0	2	0	2	24
Total		63	27	51	1	10	0	8	160

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 160 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Post-cricoid (1480)	Pyriform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
0)No treatment	2	22	4	3	7	38
1)Rad. alone	5	11	3	0	2	21
2)Surg. alone	5	22	1	2	4	34
3)Preop. rad.	1	14	0	4	2	21
4)Postop. rad.	1	0	0	0	0	1
5)Preop. & postop. rad.	0	1	0	0	0	1
6)Rad.→ salvage	0	2	0	0	1	3
7)Rad.+chem.+surg.	4	6	2	1	4	17
8)Rad.+chem.	1	6	2	1	2	12
9)Others	2	6	1	1	2	12
No information	0	0	0	0	0	0
Total	21	90	13	12	24	160

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 160 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)	7	8	6	0	0	0	21
Pyriform sinus (1481)	32	36	19	0	0	3	90
Posterior wall (1483)	9	2	0	1	0	1	13
Cervical esophagus (1500)	2	2	4	3	0	1	12
Hypopharynx, NOS (1489)	9	5	7	1	0	2	24
Total	59	53	36	5	0	7	160

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 160 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)	9	0	4	7	0	0	0	1	0	21
Pyriiform sinus (1481)	42	7	9	25	1	1	0	2	3	90
Posterior wall (1483)	8	1	1	2	0	0	0	0	1	13
Cervical esophagus (1500)	2	0	0	3	0	1	0	5	1	12
Hypopharynx, NOS (1489)	13	2	2	4	0	0	0	1	2	24
Total	74	10	16	41	1	2	0	9	7	160

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 160 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)	8	13	0	0	0	0	0	21
Pyriiform sinus (1481)	31	56	0	0	0	0	3	90
Posterior wall (1483)	3	8	0	0	1	0	1	13
Cervical esophagus (1500)	4	6	0	0	0	0	2	12
Hypopharynx, NOS (1489)	5	16	0	0	1	0	2	24
Total	51	99	0	0	2	0	8	160

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 160 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)	14	0	0	7	0	0	0	0	0	21
Pyriiform sinus (1481)	59	0	0	27	0	0	0	0	4	90
Posterior wall (1483)	5	0	0	7	0	0	0	0	1	13
Cervical esophagus (1500)	7	0	0	4	0	0	0	0	1	12
Hypopharynx, NOS (1489)	8	0	0	14	0	0	0	0	2	24
Total	93	0	0	59	0	0	0	0	8	160

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 160 Cases

Immunotherapy by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without immuno.	With immuno.		
Postcricoid	(1480)	21	0	0	21
Pyriiform sinus	(1481)	86	1	3	90
Posterior wall	(1483)	12	0	1	13
Cervical esophagus	(1500)	11	0	1	12
Hypopharynx, NOS	(1489)	22	0	2	24
Total		152	1	7	160

immuno.: immunotherapy.

NOS: not otherwise specified.

Mesopharynx

115 Cases

Carcinoma of the Mesopharynx ----- 115 Cases

Subsite

Subsite	Number of patients
Soft palate	14 (12.2%)
Lateral wall	58 (50.4%)
Posterior wall	5 (4.3%)
Base of the tongue	19 (16.5%)
Mesopharynx, NOS	19 (16.5%)
Total	115 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 115 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	2	0	0	2
40 - 49	9	1	0	10
50 - 59	33	3	0	36
60 - 69	38	6	0	44
70 - 79	12	3	0	15
80 - 89	8	0	0	8
90 -	0	0	0	0
Unknown	0	0	0	0
Total	102	13	0	115

Carcinoma of the Mesopharynx ----- 115 Cases

Histological Distribution by Subsite

Histologic type	Soft palate	Lateral wall	Posterior wall	Base of the tongue	Mesopharynx, NOS	Total
Neoplasm, malig.	0	0	0	0	1	1
Carcinoma, NOS	1	0	0	0	0	1
S.C.C., NOS	10	43	3	13	15	84
S.C.C., kerat., NOS	0	9	1	3	2	15
S.C.C., large cell, non-kerat.	0	1	1	1	0	3
Adenocarcinoma, NOS	0	1	0	0	0	1
Adenoid cystic ca.	1	0	0	2	1	4
Mucoepidermoid ca.	1	2	0	0	0	3
Acinar cell ca.	0	1	0	0	0	1
Mixed tumor, malig., NOS	1	0	0	0	0	1
Malig. lymphoma, NOS	0	1	0	0	0	1
Total	14	58	5	19	19	115

NOS: not otherwise specified.
kerat.: keratinizing.

malig., Malig.: malignant.
ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

Carcinoma of the Mesopharynx ----- 115 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	11	1	0	0	0	1	2	0	15
T2	23	5	0	4	5	5	2 *	0	44
T3	12	5	2	3	3	3	2	0	30
T4	3	5	1	1	7	5	2	0	24
TX	0	1	0	0	0	0	0	1	2
Total	49	17	3	8	15	14	8	1	115

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

Carcinoma of the Mesopharynx ----- 115 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Soft palate	Lateral wall	Posterior wall	Base of the tongue	Mesopharynx, NOS	Total
0)No treatment	1	0	0	0	2	3
1)Rad. alone	6	11	2	3	5	27
2)Surg. alone	5	8	0	6	6	25
3)Preop. rad.	1	6	1	1	0	9
4)Postop. rad.	0	1	0	1	2	4
5)Preop. & postop. rad.	0	0	0	2	0	2
6)Rad.→ salvage	0	5	0	0	1	6
7)Rad.+chem.+surg.	0	8	0	1	1	10
8)Rad.+chem.	0	11	2	3	2	18
9)Others	1	8	0	2	0	11
No information	0	0	0	0	0	0
Total	14	58	5	19	19	115

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ----- 115 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	1	5	0	0	2	0	0	14
Lateral wall	26	9	13	0	0	5	0	5	58
Posterior wall	4	0	1	0	0	0	0	0	5
Base of the tongue	7	2	4	1	1	3	0	1	19
Mesopharynx, NOS	9	2	5	0	0	3	0	0	19
Total	52	14	28	1	1	13	0	6	115

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 115 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	0	4	9	38
1)Rad. alone	3	7	2	4	2	18
2)Surg. alone	1	6	0	5	5	17
3)Preop. rad.	1	4	1	1	0	7
4)Postop. rad.	0	2	0	1	2	5
5)Preop. & postop. rad.	0	0	0	1	0	1
6)Rad.→ salvage	0	4	0	0	0	4
7)Rad.+chem.+surg.	0	10	0	2	1	13
8)Rad.+chem.	0	6	2	0	0	8
9)Others	0	3	0	1	0	4
No information	0	0	0	0	0	0
Total	14	58	5	19	19	115

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ----- 115 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	12	1	1	0	0	0	14
Lateral wall	23	20	8	1	1	5	58
Posterior wall	4	1	0	0	0	0	5
Base of the tongue	7	4	3	4	0	1	19
Mesopharynx, NOS	9	4	5	1	0	0	19
Total	55	30	17	6	1	6	115

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 115 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	11	0	2	0	0	0	0	0	0	1	0	14
Lateral wall	30	5	17	0	0	0	0	0	0	1	5	58
Posterior wall	4	0	1	0	0	0	0	0	0	0	0	5
Base of the tongue	8	0	10	0	0	0	0	0	0	0	1	19
Mesopharynx, NOS	10	1	8	0	0	0	0	0	0	0	0	19
Total	63	6	38	0	0	0	0	0	0	2	6	115

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 115 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	6	5	0	2	0	1	0	14
Lateral wall	8	45	0	0	0	0	5	58
Posterior wall	0	5	0	0	0	0	0	5
Base of the tongue	6	11	0	0	0	1	1	19
Mesopharynx, NOS	8	10	0	0	0	1	0	19
Total	28	76	0	2	0	3	6	115

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 115 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
Soft palate	12	0	0	2	0	0	0	0	0	14
Lateral wall	25	1	4	23	0	0	0	0	5	58
Posterior wall	3	0	0	2	0	0	0	0	0	5
Base of the tongue	12	0	0	6	0	0	0	0	1	19
Mesopharynx, NOS	14	0	1	4	0	0	0	0	0	19
Total	66	1	5	37	0	0	0	0	6	115

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 115 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Soft palate	14	0	0	14
Lateral wall	52	1	5	58
Posterior wall	5	0	0	5
Base of the tongue	18	0	1	19
Mesopharynx, NOS	19	0	0	19
Total	108	1	6	115

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 115 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
Soft palate	14	0	0	14
Lateral wall	53	0	5	58
Posterior wall	5	0	0	5
Base of the tongue	18	0	1	19
Mesopharynx, NOS	19	0	0	19
Total	109	0	6	115

NOS: not otherwise specified.

Nasopharynx

59 Cases

Carcinoma of the Nasopharynx ----- 59 Cases

Subsite

Subsite	Number of patients
Postero-superior wall	19 (32.2%)
Lateral wall	16 (27.1%)
Inferior wall	0 (0.0%)
Nasopharynx, NOS	24 (40.7%)
Total	59 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 59 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	2	0	0	2
20 - 29	2	1	0	3
30 - 39	3	1	0	4
40 - 49	10	1	0	11
50 - 59	12	3	0	15
60 - 69	5	9	0	14
70 - 79	6	2	0	8
80 - 89	1	1	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	41	18	0	59

Carcinoma of the Nasopharynx ----- 59Cases

Histological Distribution by Subsite

Histologic type	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
Ca., undiff., NOS	4	1	0	1	6
S.C.C.-in-situ, NOS	0	1	0	0	1
S.C.C., NOS	10	13	0	15	38
S.C.C., kerat., NOS	3	0	0	2	5
S.C.C., large cell, non-kerat.	2	1	0	0	3
S.C.C., small cell, non-kerat.	0	0	0	4	4
Mucoepidermoid ca.	0	0	0	1	1
Mixed tumor, malig., NOS	0	0	0	1	1
Total	19	16	0	24	59

NOS: not otherwise specified.

undiff.: undifferentiated.

kerat.: keratinizing.

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

malig.: malignant.

Carcinoma of the Nasopharynx ----- 59 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	4	0	0	0	0	2	0	0	6
T2	5	5	0	1	5	3	4	1	24
T3	3	2	0	1	1	3	2	0	12
T4	8	1	0	0	2	4	2	0	17
TX	0	0	0	0	0	0	0	0	0
Total	20	8	0	2	8	12	8	1	59

M1: 0 case.

Carcinoma of the Nasopharynx ----- 59 Cases

Cranial Nerve Palsy

Without cranial nerve palsy 48 cases
 With cranial nerve palsy 11 cases

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

Carcinoma of the Nasopharynx ----- 59 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	7	5	0	8	20
2)Surg. alone	1	0	0	1	2
3)Preop. rad.	0	0	0	0	0
4)Postop. rad.	1	0	0	0	1
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0
7)Rad.+chem.+surg.	0	0	0	2	2
8)Rad.+chem.	9	11	0	12	32
9)Others	1	0	0	1	2
No information	0	0	0	0	0
Total	19	16	0	24	59

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 59 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0) Without surgery	(1) With surgery	No infor- mation	Total
Postero-superior wall	18	0	1	19
Lateral wall	16	0	0	16
Inferior wall	0	0	0	0
Nasopharynx, NOS	21	2	1	24
Total	55	2	2	59

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 59 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
0)No treatment	4	5	0	7	16
1)Rad. alone	4	3	0	6	13
2)Surg. alone	1	0	0	0	1
3)Preop. rad.	0	0	0	0	0
4)Postop. rad.	1	0	0	0	1
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	1	0	0	0	1
7)Rad.+chem.+surg.	2	2	0	2	6
8)Rad.+chem.	6	6	0	9	21
9)Others	0	0	0	0	0
No information	0	0	0	0	0
Total	19	16	0	24	59

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 59 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	14	3	0	0	1	1	19
Lateral wall	14	1	0	0	1	0	16
Inferior wall	0	0	0	0	0	0	0
Nasopharynx, NOS	21	1	1	0	0	1	24
Total	49	5	1	0	2	2	59

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 59 Cases

Reconstructive Surgery by Subsite

Subsite	(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Postero-superior wall	18	0	1	19
Lateral wall	16	0	0	16
Inferior wall	0	0	0	0
Nasopharynx, NOS	22	1	1	24
Total	56	1	2	59

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 59 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	6	0	1	19
Lateral wall	0	13	0	0	3	0	0	16
Inferior wall	0	0	0	0	0	0	0	0
Nasopharynx, NOS	2	21	0	0	0	0	1	24
Total	2	46	0	0	9	0	2	59

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 59 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	8	0	0	10	0	0	0	0	1	19
Lateral wall	5	0	0	10	0	0	0	0	1	16
Inferior wall	0	0	0	0	0	0	0	0	0	0
Nasopharynx, NOS	7	0	0	16	0	0	0	0	1	24
Total	20	0	0	36	0	0	0	0	3	59

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 59 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Postero-superior wall	17	1	1	19
Lateral wall	15	0	1	16
Inferior wall	0	0	0	0
Nasopharynx, NOS	23	0	1	24
Total	55	1	3	59

immuno.: immunotherapy.

NOS: not otherwise specified.

Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus

25 Cases

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the
Maxillary Sinus ----- 25 Cases

Subsite

Subsite	Number of patients
Nasal cavity	16 (64.0%)
Ethmoid sinus	0 (0.0%)
Frontal sinus	0 (0.0%)
Sphenoid sinus	8 (32.0%)
Paranasal sinus, NOS	1 (4.0%)
Total	25 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses
Excluding the Maxillary Sinus ----- 25 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	1	1	0	2
50 - 59	7	2	0	9
60 - 69	5	1	0	6
70 - 79	3	2	0	5
80 - 89	2	1	0	3
90 -	0	0	0	0
Unknown	0	0	0	0
Total	18	7	0	25

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 25 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.	4	0	0	0	0	4
Carcinoma, NOS	1	0	0	0	0	1
Ca., undiff., NOS	0	0	0	2	0	2
Papillary S.C.C.	0	0	0	1	0	1
S.C.C., NOS	3	0	0	2	1	6
S.C.C., kerat., NOS	1	0	0	0	0	1
Papillary transitional cell ca.	1	0	0	0	0	1
Adenocarcinoma, NOS	2	0	0	2	0	4
Adenoid cystic ca.	1	0	0	0	0	1
Carcinoid tumor, NOS	0	0	0	1	0	1
Mucoepidermoid ca.	1	0	0	0	0	1
Malig. melanoma, NOS	2	0	0	0	0	2
Total	16	0	0	8	1	25

NOS: not otherwise specified.

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

malig., Malig.: malignant.

undiff.: undifferentiated.

kerat.: keratinizing.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 25 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Nasal cavity (1600)	Ethmoid sinus (1603)	Frontal sinus (1604)	Sphenoid sinus (1605)	Paranasal sinus, NOS (1609)	Total
0)No treatment	1	0	0	1	0	2
1)Rad. alone	3	0	0	1	1	5
2)Surg. alone	3	0	0	0	0	3
3)Preop. rad.	1	0	0	2	0	3
4)Postop. rad.	3	0	0	3	0	6
5)Preop. & postop. rad.	1	0	0	0	0	1
6)Rad.→ salvage	1	0	0	0	0	1
7)Rad.+chem.+surg.	2	0	0	1	0	3
8)Rad.+chem.	0	0	0	0	0	0
9)Others	1	0	0	0	0	1
No information	0	0	0	0	0	0
Total	16	0	0	8	1	25

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 ----- 25 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite		(0) Without surgery	(1) With surgery	No infor- mation	Total
Nasal cavity	(1600)	4	10	2	16
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	0	0	0	0
Sphenoid sinus	(1605)	3	5	0	8
Paranasal sinus, NOS	(1609)	1	0	0	1
Total		8	15	2	25

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 25 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	15	0	0	7	1	23
1)Rad. alone	0	0	0	0	0	0
2)Surg. alone	0	0	0	0	0	0
3)Preop. rad.	0	0	0	1	0	1
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.	0	0	0	0	0	0
9)Others	0	0	0	0	0	0
No information	0	0	0	0	0	0
Total	16	0	0	8	1	25

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 ----- 25 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)	14	0	0	1	0	1	16
Ethmoid sinus	(1603)	0	0	0	0	0	0	0
Frontal sinus	(1604)	0	0	0	0	0	0	0
Sphenoid sinus	(1605)	6	1	0	1	0	0	8
Paranasal sinus, NOS	(1609)	1	0	0	0	0	0	1
Total		21	1	0	2	0	1	25

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 25 Cases

Reconstructive Surgery by Subsite

Subsite		(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Nasal cavity	(1600)	13	2	1	16
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	0	0	0	0
Sphenoid sinus	(1605)	4	4	0	8
Paranasal sinus, NOS	(1609)	1	0	0	1
Total		18	6	1	25

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 25 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
Nasal cavity (1600)	4	11	0	0	0	0	1	16
Ethmoid sinus (1603)	0	0	0	0	0	0	0	0
Frontal sinus (1604)	0	0	0	0	0	0	0	0
Sphenoid sinus (1605)	1	6	0	0	0	0	1	8
Paranasal sinus, NOS (1609)	0	1	0	0	0	0	0	1
Total	5	18	0	0	0	0	2	25

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 25 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)	11	1	0	2	0	0	1	0	1	16
Ethmoid sinus (1603)	0	0	0	0	0	0	0	0	0	0
Frontal sinus (1604)	0	0	0	0	0	0	0	0	0	0
Sphenoid sinus (1605)	7	0	0	1	0	0	0	0	0	8
Paranasal sinus, NOS (1609)	0	0	0	1	0	0	0	0	0	1
Total	18	1	0	4	0	0	1	0	1	25

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 25 Cases

Immunotherapy by Subsite

Subsite		(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Nasal cavity	(1600)	15	0	1	16
Ethmoid sinus	(1603)	0	0	0	0
Frontal sinus	(1604)	0	0	0	0
Sphenoid sinus	(1605)	8	0	0	8
Paranasal sinus, NOS	(1609)	1	0	0	1
Total		24	0	1	25

immuno.: immunotherapy.

NOS: not otherwise specified.

Maxillary Sinus

69 Cases

Carcinoma of the Maxillary Sinus ----- 69 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	1	0	2
40 - 49	6	0	0	6
50 - 59	9	1	0	10
60 - 69	22	4	0	26
70 - 79	10	7	0	17
80 - 89	3	5	0	8
90 -	0	0	0	0
Unknown	0	0	0	0
Total	51	18	0	69

Carcinoma of the Maxillary Sinus ----- 69 Cases

Histological Distribution

Histologic type	Number of patients
Neoplasm, malig.	1 (1.4%)
Carcinoma, NOS	1 (1.4%)
Ca., undiff., NOS	2 (2.9%)
S.C.C., NOS	45 (65.2%)
S.C.C., kerat., NOS	13 (18.8%)
S.C.C., large cell, non-kerat.	1 (1.4%)
Adenocarcinoma, NOS	2 (2.9%)
Adenoid cystic ca.	2 (2.9%)
Mucoepidermoid ca.	1 (1.4%)
Acinar cell ca.	1 (1.4%)
Total	69 (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 ----- 69 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	25	0	0	0	0	0	0	0	25
T4	29 *	2	0	0	3	2	0	1	37
TX	0	0	0	0	0	0	0	0	0
Total	61	2	0	0	3	2	0	1	69

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

Carcinoma of the Maxillary Sinus ----- 69 Cases

Treatment Method for the Primary Lesion

Treatment method	Number of patients
0)No treatment	1 (1.4%)
1)Rad. alone	5 (7.2%)
2)Surg. alone	4 (5.8%)
3)Preop. rad.	8 (11.6%)
4)Postop. rad.	1 (1.4%)
5)Preop. & postop. rad.	3 (4.3%)
6)Rad.→ salvage	2 (2.9%)
7)Rad.+chem.+surg.	32 (46.4%)
8)Rad.+chem.	9 (13.0%)
9)Others	4 (5.8%)
No information	0 (0.0%)
Total	69 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 69 Cases

Method of Surgery for the Primary Lesion

Method of Surgery	Number of patients
0)No surgery	15 (21.7%)
1)Extended total maxillectomy	11 (15.9%)
2)Total maxillectomy	18 (26.1%)
3)Subtotal maxillectomy	6 (8.7%)
4)Partial maxillectomy	16 (23.2%)
9)Others	2 (2.9%)
No information	1 (1.4%)
Total	69 (100.0%)

Carcinoma of the Maxillary Sinus ----- 69 Cases

Treatment Method for the Cervical Nodes

Treatment method	Number of patients
0)No treatment	61 (88.4%)
1)Rad. alone	3 (4.3%)
2)Surg. alone	2 (2.9%)
3)Preop. rad.	0 (0.0%)
4)Postop. rad.	1 (1.4%)
5)Preop. & postop. rad.	0 (0.0%)
6)Rad.→ salvage	0 (0.0%)
7)Rad.+chem.+surg.	1 (1.4%)
8)Rad.+chem.	0 (0.0%)
9)Others	1 (1.4%)
No information	0 (0.0%)
Total	69 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 69 Cases

Neck Dissection

Neck dissection	Number of patients
0)No neck dissection	62 (89.9%)
1)Radical neck dissection	2 (2.9%)
2)Conservative neck dissection	3 (4.3%)
3)Partial neck dissection	1 (1.4%)
4)Enucleation	0 (0.0%)
No information	1 (1.4%)
Total	69 (100.0%)

Carcinoma of the Maxillary Sinus ----- 69 Cases

Reconstructive Surgery

Reconstructive surgery	Number of patients
0)No reconstruction	49 (71.0%)
1)Pedicled flap	1 (1.4%)
2)Free flap	14 (20.3%)
3)Free bone graft	0 (0.0%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	4 (5.8%)
9)Others	0 (0.0%)
No information	1 (1.4%)
Total	69 (100.0%)

Carcinoma of the Maxillary Sinus ----- 69 Cases

Radiotherapy for the Primary Lesion

Radiotherapy	Number of patients
0)No radiotherapy	8 (11.6%)
1)External radiotherapy	60 (87.0%)
2)Intracavitary radiotherapy	0 (0.0%)
3)Interstitial radiotherapy	0 (0.0%)
4) 1)+2)	0 (0.0%)
5) 1)+3)	0 (0.0%)
No information	1 (1.4%)
Total	69 (100.0%)

Carcinoma of the Maxillary Sinus ----- 69 Cases

Total Dose of Irradiation

Dose(Gy)	Number of patients
No R.T.	8 (11.6%)
0 <-< 10	0 (0.0%)
10 <-< 20	1 (1.4%)
20 <-< 30	1 (1.4%)
30 <-< 40	2 (2.9%)
40 <-< 50	14 (20.3%)
50 <-< 60	18 (26.1%)
60 <-< 70	19 (27.5%)
70 <-< 80	3 (4.3%)
80 <-< 90	1 (1.4%)
90 -	1 (1.4%)
Dose unknown	0 (0.0%)
No information	1 (1.4%)
Total	69 (100.0%)

0 <-< 40 Gy 6.7% of irradiated patients
 0 <-< 50 Gy 30.0% of irradiated patients
 0 <-< 60 Gy 60.0% of irradiated patients

R.T.: radiotherapy.

Carcinoma of the Maxillary Sinus ----- 69 Cases

Chemotherapy

Chemotherapy	Number of patients
0)No chemotherapy	23 (33.3%)
1)Topical	2 (2.9%)
2)Arterial	21 (30.4%)
3)Systemic	13 (18.8%)
4) 1)+2)	1 (1.4%)
5) 1)+3)	3 (4.3%)
6) 2)+3)	3 (4.3%)
7) 1)+2)+3)	2 (2.9%)
No information	1 (1.4%)
Total	69 (100.0%)

Carcinoma of the Maxillary Sinus ----- 69 Cases

Immunotherapy

Immunotherapy	Number of patients
0)Without immunotherapy	68 (98.6%)
1)With immunotherapy	0 (0.0%)
No information	1 (1.4%)
Total	69 (100.0%)

Carcinoma of the Maxillary Sinus ----- 69 Cases

Cryosurgery

Cryosurgery	Number of patients
0)Without cryosurgery	68 (98.6%)
1)With cryosurgery	0 (0.0%)
No information	1 (1.4%)
Total	69 (100.0%)