

頭頸部TNM分類研究資料

(1997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

(1997 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

1997年度症例登録施設（22施設）

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

その他の施設

千葉県がんセンター
国立がんセンター中央病院
癌研究会附属病院

Total Cases

1075 Cases

Head and Neck Carcinoma ----- 1075 Cases

Primary Site

Site	Number of patients
1)Oral cavity	393 (36.6%)
2)Larynx	291 (27.1%)
3)Hypopharynx	146 (13.6%)
4)Mesopharynx	113 (10.5%)
5)Nasopharynx	46 (4.3%)
6)Nasal cavity, <i>etc</i> .	18 (1.7%)
7)Maxillary sinus	68 (6.3%)
Total	1075 (100.0%)

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

Head and Neck Carcinoma ----- 1075 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	1	0	1
10 - 19	0	1	0	1
20 - 29	6	4	0	10
30 - 39	18	4	0	22
40 - 49	72	20	0	92
50 - 59	197	37	0	234
60 - 69	311	72	0	383
70 - 79	193	62	0	255
80 - 89	50	25	0	75
90 -	2	0	0	2
Unknown	0	0	0	0
Total	849	226	0	1075

Head and Neck Carcinoma ----- 1075 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.	0	0	0	0	1	1	3	5
Carcinoma, NOS	3	1	1	0	0	1	0	6
Ca., undiff., NOS	0	0	1	2	5	1	0	9
Ca., anaplastic, NOS	1	0	0	0	0	0	1	2
Papillary ca., NOS	1	0	0	0	0	0	0	1
Verrucous ca., NOS	16	0	0	0	0	0	0	16
Papillary squamous cell ca.	1	0	0	0	0	0	0	1
S.C.C.-in-situ, NOS	3	4	1	1	0	0	0	9
S.C.C., NOS	214	207	112	64	28	6	41	672
S.C.C., kerat., NOS	137	56	21	34	4	2	8	262
S.C.C., large cell, non-kerat.	2	17	9	5	1	2	1	37
S.C.C., small cell, non-kerat.	1	0	1	2	4	1	0	9
S.C.C., spindle cell	0	3	0	1	0	0	0	4
Transitional cell ca., NOS	0	0	0	0	0	0	1	1
Adenocarcinoma, NOS	0	1	0	2	1	2	2	8
Adenoid cystic ca.	3	0	0	2	2	0	6	13
Papillary adenocarcinoma, NOS	1	0	0	0	0	0	0	1
Mucoepidermoid ca.	4	2	0	0	0	0	2	8
Cystadenocarcinoma, NOS	1	0	0	0	0	0	0	1
Acinar cell ca.	2	0	0	0	0	0	0	2
Adenosquamous ca.	0	0	0	0	0	0	1	1
Malignant melanoma, NOS	1	0	0	0	0	1	0	2
Hemangiosarcoma	1	0	0	0	0	0	0	1
Osteosarcoma, NOS	0	0	0	0	0	0	1	1
Chondrosarcoma, NOS	1	0	0	0	0	0	0	1
Esthesioneuroblastoma	0	0	0	0	0	1	0	1
Malignant lymphoma, NOS	0	0	0	0	0	0	1	1
Total	393	291	146	113	46	18	68	1075

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.

Head and Neck Carcinoma ----- 1075 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.	0	0	0	0	0	1	3	4
Carcinoma, NOS	3	1	1	0	0	1	0	6
Ca., undiff., NOS	0	0	1	2	4	1	0	8
Ca., anaplastic, NOS	0	0	0	0	0	0	1	1
Papillary ca., NOS	0	0	0	0	0	0	0	0
Verrucous ca., NOS	8	0	0	0	0	0	0	8
Papillary squamous cell ca.	0	0	0	0	0	0	0	0
S.C.C.-in-situ, NOS	1	4	1	1	0	0	0	7
S.C.C., NOS	137	190	97	58	23	4	31	540
S.C.C., kerat., NOS	104	47	15	30	3	1	8	208
S.C.C., large cell, non-kerat.	1	16	8	5	1	2	1	34
S.C.C., small cell, non-kerat.	0	0	1	2	3	0	0	6
S.C.C., spindle cell	0	3	0	1	0	0	0	4
Transitional cell ca., NOS	0	0	0	0	0	0	0	0
Adenocarcinoma, NOS	0	1	0	2	1	2	2	8
Adenoid cystic ca.	2	0	0	1	0	0	3	6
Papillary adenocarcinoma, NOS	0	0	0	0	0	0	0	0
Mucoepidermoid ca.	1	2	0	0	0	0	0	3
Cystadenocarcinoma, NOS	1	0	0	0	0	0	0	1
Acinar cell ca.	2	0	0	0	0	0	0	2
Adenosquamous ca.	0	0	0	0	0	0	1	1
Malignant melanoma, NOS	1	0	0	0	0	0	0	1
Hemangiosarcoma	0	0	0	0	0	0	0	0
Osteosarcoma, NOS	0	0	0	0	0	0	1	1
Chondrosarcoma, NOS	0	0	0	0	0	0	0	0
Esthesioneuroblastoma	0	0	0	0	0	0	0	0
Malignant lymphoma, NOS	0	0	0	0	0	0	0	0
Total	261	264	124	102	35	12	51	849

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.

Head and Neck Carcinoma ----- 1075 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.	0	0	0	0	1	0	0	1
Carcinoma, NOS	0	0	0	0	0	0	0	0
Ca., undiff., NOS	0	0	0	0	1	0	0	1
Ca., anaplastic, NOS	1	0	0	0	0	0	0	1
Papillary ca., NOS	1	0	0	0	0	0	0	1
Verrucous ca., NOS	8	0	0	0	0	0	0	8
Papillary squamous cell ca.	1	0	0	0	0	0	0	1
S.C.C.-in-situ, NOS	2	0	0	0	0	0	0	2
S.C.C., NOS	77	17	15	6	5	2	10	132
S.C.C., kerat., NOS	33	9	6	4	1	1	0	54
S.C.C., large cell, non-kerat.	1	1	1	0	0	0	0	3
S.C.C., small cell, non-kerat.	1	0	0	0	1	1	0	3
S.C.C., spindle cell	0	0	0	0	0	0	0	0
Transitional cell ca., NOS	0	0	0	0	0	0	1	1
Adenocarcinoma, NOS	0	0	0	0	0	0	0	0
Adenoid cystic ca.	1	0	0	1	2	0	3	7
Papillary adenocarcinoma, NOS	1	0	0	0	0	0	0	1
Mucoepidermoid ca.	3	0	0	0	0	0	2	5
Cystadenocarcinoma, NOS	0	0	0	0	0	0	0	0
Acinar cell ca.	0	0	0	0	0	0	0	0
Adenosquamous ca.	0	0	0	0	0	0	0	0
Malignant melanoma, NOS	0	0	0	0	0	1	0	1
Hemangiosarcoma	1	0	0	0	0	0	0	1
Osteosarcoma, NOS	0	0	0	0	0	0	0	0
Chondrosarcoma, NOS	1	0	0	0	0	0	0	1
Esthesioneuroblastoma	0	0	0	0	0	1	0	1
Malignant lymphoma, NOS	0	0	0	0	0	0	1	1
Total	132	27	22	11	11	6	17	226

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.

Head and Neck Carcinoma ----- 1075 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	1	0	0	0	0	1
Tis	0	0	0	0	0	0	0	0	0
T1	204	7	0	8	7	3	6	4	239
T2	274	50	0	14	33	26	7	3	407
T3	107	32	2	8	28	24	6	0	207
T4	84	29	5	2	36	28	14	1	199
TX	5	0	0	0	0	0	0	17	22
Total	674	118	7	33	104	81	33	25	1075

Head and Neck Carcinoma ----- 1075 Cases

T and N Status (M0 Cases)

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	1	0	0	0	0	1
Tis	0	0	0	0	0	0	0	0	0
T1	173	5	0	6	5	3	4	2	198
T2	239	43	0	11	28	21	6	3	351
T3	89	24	1	7	26	17	2	0	166
T4	72	24	4	1	27	22	10	1	161
TX	4	0	0	0	0	0	0	1	5
Total	577	96	5	26	86	63	22	7	882

Head and Neck Carcinoma ----- 1075 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	1	0	0	0	1	0	0	0	2
T2	3	2	0	0	1	0	0	0	6
T3	1	1	0	0	1	0	1	0	4
T4	3	1	0	0	1	1	3	0	9
TX	1	0	0	0	0	0	0	0	1
Total	9	4	0	0	4	1	4	0	22

Head and Neck Carcinoma ----- 1075 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	30	2	0	2	1	0	2	2	39
T2	32	5	0	3	4	5	1	0	50
T3	17	7	1	1	1	7	3	0	37
T4	9	4	1	1	8	5	1	0	29
TX	0	0	0	0	0	0	0	16	16
Total	88	18	2	7	14	17	7	18	171

Head and Neck Carcinoma ----- 1075 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	17	4	5	4	0	0	2	32
1)Rad. alone	40	142	23	36	15	3	5	264
2)Surg. alone	187	61	43	20	3	5	10	329
3)Preop. rad.	43	24	11	4	0	0	10	92
4)Postop. rad.	14	12	14	3	0	3	3	49
5)Preop. & postop. rad.	0	0	1	0	0	0	2	3
6)Rad.→ salvage	6	8	4	2	1	0	0	21
7)Rad.+chem.+surg.	23	7	16	11	2	2	27	88
8)Rad.+chem.	19	21	14	24	25	4	2	109
9)Others	44	12	15	9	0	1	7	88
No information	0	0	0	0	0	0	0	0
Total	393	291	146	113	46	18	68	1075

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 ----- 1075 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	76	20	35	26	44	175	17	0	393
2)Larynx	171	18	66	0	0	14	22	0	291
3)Hypopharynx	48	22	69	0	0	4	3	0	146
4)Mesopharynx	71	7	21	1	0	10	3	0	113
5)Nasopharynx	41	0	0	0	0	0	5	0	46
6)Nasal cavity, <i>etc</i> .	8	0	0	0	0	0	10	0	18
7)Maxillary sinus	12	13	27	3	0	10	3	0	68
Total	427	80	218	30	44	213	63	0	1075

surg.: surgery.

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

Head and Neck Carcinoma ----- 1075 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, etc .	(7) Maxillary Sinus	Total
0)No treatment	199	208	19	43	9	13	49	540
1)Rad. alone	5	11	13	14	11	2	3	59
2)Surg. alone	99	35	44	15	0	2	8	203
3)Preop. rad.	21	13	12	6	0	0	0	52
4)Postop. rad.	11	5	18	3	0	1	1	39
5)Preop. & postop. rad.	4	1	1	0	0	0	1	7
6)Rad.→ salvage	4	4	1	3	3	0	0	15
7)Rad.+chem.+surg.	16	5	12	11	3	0	1	48
8)Rad.+chem.	9	4	13	15	19	0	1	61
9)Others	25	5	13	3	1	0	4	51
No information	0	0	0	0	0	0	0	0
Total	393	291	146	113	46	18	68	1075

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 ----- 1075 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	197	61	76	47	4	8	393
2)Larynx	210	28	46	7	0	0	291
3)Hypopharynx	41	48	50	4	0	3	146
4)Mesopharynx	68	22	20	2	0	1	113
5)Nasopharynx	39	3	3	1	0	0	46
6)Nasal cavity, <i>etc</i> .	15	0	1	2	0	0	18
7)Maxillary sinus	53	0	8	7	0	0	68
Total	623	162	204	70	4	12	1075

N.D.: neck dissection.

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

Head and Neck Carcinoma ----- 1075 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	236	29	100	1	1	1	0	4	3	18	0	393
2)Larynx	273	4	10	0	0	1	0	0	0	3	0	291
3)Hypopharynx	58	6	70	0	0	0	0	0	0	12	0	146
4)Mesopharynx	79	4	25	1	0	0	0	0	0	4	0	113
5)Nasopharynx	46	0	0	0	0	0	0	0	0	0	0	46
6)Nasal cavity, <i>etc</i> .	12	0	0	0	0	0	0	0	0	6	0	18
7)Maxillary sinus	39	1	17	0	0	1	0	6	0	4	0	68
Total	743	44	222	2	1	3	0	10	3	47	0	1075

recon.: reconstruction.

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

Head and Neck Carcinoma ----- 1075 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	222	132	0	20	2	8	9	393
2)Larynx	79	210	0	0	0	0	2	291
3)Hypopharynx	60	82	0	0	0	0	4	146
4)Mesopharynx	32	76	0	2	0	1	2	113
5)Nasopharynx	3	42	0	0	1	0	0	46
6)Nasal cavity, <i>etc</i> .	8	10	0	0	0	0	0	18
7)Maxillary sinus	16	52	0	0	0	0	0	68
Total	420	604	0	22	3	9	17	1075

R.T.: radiotherapy.

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

Head and Neck Carcinoma ----- 1075 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	288	2	20	72	1	1	0	0	9	393
2)Larynx	252	0	0	38	0	0	0	0	1	291
3)Hypopharynx	99	0	0	40	0	0	0	0	7	146
4)Mesopharynx	67	0	7	36	0	0	1	0	2	113
5)Nasopharynx	19	1	0	26	0	0	0	0	0	46
6)Nasal cavity, <i>etc</i> .	12	0	2	4	0	0	0	0	0	18
7)Maxillary sinus	28	0	29	9	1	0	1	0	0	68
Total	765	3	58	225	2	1	2	0	19	1075

chem.: chemotherapy.

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

Head and Neck Carcinoma ----- 1075 Cases

Immunotherapy by Primary Site

Primary Site	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Oral cavity	377	6	10	393
2)Larynx	289	0	2	291
3)Hypopharynx	141	0	5	146
4)Mesopharynx	109	1	3	113
5)Nasopharynx	46	0	0	46
6)Nasal cavity, <i>etc</i> .	17	1	0	18
7)Maxillary sinus	66	2	0	68
Total	1045	10	20	1075

immuno.: immunotherapy.

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

Head and Neck Carcinoma ----- 1075 Cases

Cryosurgery by Primary Site

Primary Site	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Oral cavity	378	5	10	393
2)Larynx	289	0	2	291
3)Hypopharynx	141	0	5	146
4)Mesopharynx	109	1	3	113
5)Nasopharynx	46	0	0	46
6)Nasal cavity, <i>etc</i> .	18	0	0	18
7)Maxillary sinus	68	0	0	68
Total	1049	6	20	1075

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

Oral Cavity

393 Cases

Carcinoma of the Oral Cavity ----- 393 Cases

Subsite

Subsite	Number of patients
1)Lip	2 (0.5%)
2)Buccal mucosa	33 (8.4%)
3)Retromolar area	11 (2.8%)
4)Gingiva	77 (19.6%)
5)Hard palate	13 (3.3%)
6)Floor of the mouth	53 (13.5%)
7)Tongue	203 (51.7%)
9)Oral cavity, NOS	1 (0.3%)
Total	393 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 393 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	1	0	1
10 - 19	0	0	0	0
20 - 29	3	4	0	7
30 - 39	10	3	0	13
40 - 49	27	11	0	38
50 - 59	63	23	0	86
60 - 69	94	39	0	133
70 - 79	42	41	0	83
80 - 89	21	10	0	31
90 -	1	0	0	1
Unknown	0	0	0	0
Total	261	132	0	393

Carcinoma of the Oral Cavity ----- 393 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	2	0	0	2
70 - 79	0	0	0	0
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	2	0	0	2

Carcinoma of the Oral Cavity ----- 393 Cases

Carcinoma of the Buccal Mucosa

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	2	1	0	3
50 - 59	2	1	0	3
60 - 69	2	6	0	8
70 - 79	5	7	0	12
80 - 89	4	3	0	7
90 -	0	0	0	0
Unknown	0	0	0	0
Total	15	18	0	33

Carcinoma of the Oral Cavity ----- 393 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	3	0	0	3
60 - 69	5	0	0	5
70 - 79	1	1	0	2
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	10	1	0	11

Carcinoma of the Oral Cavity ----- 393 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	2	0	0	2
40 - 49	2	0	0	2
50 - 59	6	8	0	14
60 - 69	17	14	0	31
70 - 79	6	13	0	19
80 - 89	6	3	0	9
90 -	0	0	0	0
Unknown	0	0	0	0
Total	39	38	0	77

Carcinoma of the Oral Cavity ----- 393 Cases

Carcinoma of the Hard Palate

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	1	0	0	1
30 - 39	0	0	0	0
40 - 49	0	1	0	1
50 - 59	1	1	0	2
60 - 69	1	1	0	2
70 - 79	3	1	0	4
80 - 89	0	2	0	2
90 -	1	0	0	1
Unknown	0	0	0	0
Total	7	6	0	13

Carcinoma of the Oral Cavity ----- 393 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	1	1	0	2
40 - 49	9	0	0	9
50 - 59	9	2	0	11
60 - 69	15	1	0	16
70 - 79	10	3	0	13
80 - 89	1	1	0	2
90 -	0	0	0	0
Unknown	0	0	0	0
Total	45	8	0	53

Carcinoma of the Oral Cavity ----- 393 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	2	4	0	6
30 - 39	7	2	0	9
40 - 49	13	9	0	22
50 - 59	42	11	0	53
60 - 69	51	17	0	68
70 - 79	17	16	0	33
80 - 89	10	1	0	11
90 -	0	0	0	0
Unknown	0	0	0	0
Total	142	61	0	203

Carcinoma of the Oral Cavity ----- 393 Cases

Carcinoma of the Oral Cavity, NOS

Distribution of Gender by Age

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

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 393 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
Carcinoma, NOS	0	0	0	0	0	1	2	0	3
Ca., anaplastic, NOS	0	0	0	0	0	0	1	0	1
Papillary ca., NOS	0	0	0	0	0	0	1	0	1
Verrucous ca., NOS	0	2	0	4	0	1	9	0	16
Papillary squamous cell ca.	0	0	0	1	0	0	0	0	1
S.C.C.-in-situ, NOS	0	0	0	0	0	0	3	0	3
S.C.C., NOS	1	17	8	48	1	34	104	1	214
S.C.C., kerat., NOS	1	9	1	23	7	14	82	0	137
S.C.C., large cell, non-kerat.	0	1	1	0	0	0	0	0	2
S.C.C., small cell, non-kerat.	0	0	0	0	0	0	1	0	1
Adenoid cystic ca.	0	1	0	0	0	2	0	0	3
Papillary adenocarcinoma, NOS	0	0	0	1	0	0	0	0	1
Mucoepidermoid ca.	0	1	0	0	2	1	0	0	4
Cystadenocarcinoma, NOS	0	1	0	0	0	0	0	0	1
Acinar cell ca.	0	0	1	0	1	0	0	0	2
Malignant melanoma, NOS	0	0	0	0	1	0	0	0	1
Hemangiosarcoma	0	1	0	0	0	0	0	0	1
Chondrosarcoma, NOS	0	0	0	0	1	0	0	0	1
Total	2	33	11	77	13	53	203	1	393

NOS: not otherwise specified.

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Oral Cavity ----- 393 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	68	3	0	0	0	0	0	1	72
T2	146 *	25 *	0	6	9	6	2	0	194
T3	28	11	1	1	10	7	1	0	59
T4	26 *	13	1	1	11	10	5	0	67
TX	0	0	0	0	0	0	0	1	1
Total	268	52	2	8	30	23	8	2	393

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

Carcinoma of the Oral Cavity ----- 393 Cases

Carcinoma of the Lip

T and N Status

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

M1: 0 case.

Carcinoma of the Oral Cavity ----- 393 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	0	1	0	0	0	0	0	0	1
T2	20	2	0	1	0	1	0	0	24
T3	4	0	0	1	0	0	0	0	5
T4	0	2	0	0	0	0	1	0	3
TX	0	0	0	0	0	0	0	0	0
Total	24	5	0	2	0	1	1	0	33

M1: 0 case.

Carcinoma of the Oral Cavity ----- 393 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	4	1	0	0	0	0	0	0	5
T3	1	0	0	0	0	0	0	0	1
T4	2	0	0	0	3	0	0	0	5
TX	0	0	0	0	0	0	0	0	0
Total	7	1	0	0	3	0	0	0	11

M1: 0 case.

Carcinoma of the Oral Cavity ----- 393 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	10	0	0	0	0	0	0	0	10
T2	21	8	0	1	2	2	0	0	34
T3	3	2	0	0	0	0	0	0	5
T4	15	5	1	1	3	3	0	0	28
TX	0	0	0	0	0	0	0	0	0
Total	49	15	1	2	5	5	0	0	77

M1: 0 case.

Carcinoma of the Oral Cavity ----- 393 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	0	0	0	0	0	1	0	5
T3	1	1	0	0	0	1	0	0	3
T4	2	0	0	0	0	0	0	0	2
TX	0	0	0	0	0	0	0	1	1
Total	9	1	0	0	0	1	1	1	13

M1: 0 case.

Carcinoma of the Oral Cavity ----- 393 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	7	1	0	0	0	0	0	1	9
T2	20	3	0	1	1	1	0	0	26
T3	2	1	0	0	3	0	0	0	6
T4	2 *	3	0	0	2	4	1	0	12
TX	0	0	0	0	0	0	0	0	0
Total	31	8	0	1	6	5	1	1	53

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

Carcinoma of the Oral Cavity ----- 393 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	49	1	0	0	0	0	0	0	50
T2	76 *	11 *	0	3	5	2	1	0	98
T3	17	7	1	0	7	6	1	0	39
T4	4	3	0	0	3	3	3	0	16
TX	0	0	0	0	0	0	0	0	0
Total	146	22	1	3	15	11	5	0	203

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

Carcinoma of the Oral Cavity ----- 393 Cases

Carcinoma of the Oral Cavity, NOS

T and N Status

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

M1: 0 case.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 393 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	2	0	2	2	2	9	0	17
1)Rad. alone	0	7	2	1	1	7	22	0	40
2)Surg. alone	0	13	2	33	6	20	113	0	187
3)Preop. rad.	0	2	6	11	0	5	19	0	43
4)Postop. rad.	0	1	0	4	0	3	6	0	14
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	2	0	1	0	0	3	0	6
7)Rad.+chem.+surg.	0	0	0	9	1	6	7	0	23
8)Rad.+chem.	1	1	0	3	3	3	8	0	19
9)Others	1	5	1	13	0	7	16	1	44
No information	0	0	0	0	0	0	0	0	0
Total	2	33	11	77	13	53	203	1	393

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 393 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	0	0	0	2
2)Buccal mucosa	10	3	2	0	0	15	3	0	33
3)Retromolar area	2	2	4	0	0	2	1	0	11
4)Gingiva	6	6	11	4	5	39	6	0	77
5)Hard palate	7	1	2	0	0	3	0	0	13
6)Floor of the mouth	13	4	7	8	2	17	2	0	53
7)Tongue	37	4	8	14	36	99	5	0	203
9)Oral cavity, NOS	0	0	0	0	1	0	0	0	1
Total	76	20	35	26	44	175	17	0	393

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 393 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	1	21	2	29	11	25	110	0	199
1)Rad. alone	0	1	1	1	0	0	2	0	5
2)Surg. alone	0	6	6	24	1	15	47	0	99
3)Preop. rad.	0	1	2	4	0	1	13	0	21
4)Postop. rad.	0	0	0	1	0	2	8	0	11
5)Preop. & postop. rad.	0	1	0	2	0	1	0	0	4
6)Rad.→ salvage	0	2	0	0	0	0	2	0	4
7)Rad.+chem.+surg.	0	0	0	4	0	4	8	0	16
8)Rad.+chem.	1	0	0	3	1	0	4	0	9
9)Others	0	1	0	9	0	5	9	1	25
No information	0	0	0	0	0	0	0	0	0
Total	2	33	11	77	13	53	203	1	393

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Oral Cavity ----- 393 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	2	0	0	0	0	0	2
2)Buccal mucosa	20	1	7	4	0	1	33
3)Retromolar area	3	2	4	2	0	0	11
4)Gingiva	27	22	15	12	1	0	77
5)Hard palate	12	1	0	0	0	0	13
6)Floor of the mouth	20	9	11	10	0	3	53
7)Tongue	113	26	38	19	3	4	203
9)Oral cavity, NOS	0	0	1	0	0	0	1
Total	197	61	76	47	4	8	393

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 393 Cases

Reconstructive Surgery by Subsite

Subsite	(0) No recon.	(1) Pedicled flap	(2) Free flap or jejunum	(3) Free bone graft	(4) Vascu- larized bone graft	(5) (1)+ (2)	(6) (1)+ (3)	(7) (2)+ (3)	(8) (2)+ (4)	(9) Others	No infor- mation	Total
1)Lip	2	0	0	0	0	0	0	0	0	0	0	2
2)Buccal mucosa	18	5	8	0	0	0	0	0	0	2	0	33
3)Retromolar area	4	1	5	0	0	0	0	0	1	0	0	11
4)Gingiva	41	11	17	1	1	0	0	2	1	3	0	77
5)Hard palate	11	0	2	0	0	0	0	0	0	0	0	13
6)Floor of the mouth	22	3	23	0	0	0	0	2	0	3	0	53
7)Tongue	138	8	45	0	0	1	0	0	1	10	0	203
9)Oral cavity, NOS	0	1	0	0	0	0	0	0	0	0	0	1
Total	236	29	100	1	1	1	0	4	3	18	0	393

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 393 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	1	1	0	0	0	0	0	2
2)Buccal mucosa	17	12	0	0	0	2	2	33
3)Retromolar area	3	8	0	0	0	0	0	11
4)Gingiva	42	33	0	0	2	0	0	77
5)Hard palate	8	5	0	0	0	0	0	13
6)Floor of the mouth	26	21	0	2	0	2	2	53
7)Tongue	124	52	0	18	0	4	5	203
9)Oral cavity, NOS	1	0	0	0	0	0	0	1
Total	222	132	0	20	2	8	9	393

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity -----393 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
1)Lip	0	0	0	2	0	0	0	0	0	2
2)Buccal mucosa	26	0	1	5	0	0	0	0	1	33
3)Retromolar area	11	0	0	0	0	0	0	0	0	11
4)Gingiva	46	1	7	20	1	1	0	0	1	77
5)Hard palate	9	0	2	2	0	0	0	0	0	13
6)Floor of the mouth	35	0	4	12	0	0	0	0	2	53
7)Tongue	161	1	6	30	0	0	0	0	5	203
9)Oral cavity, NOS	0	0	0	1	0	0	0	0	0	1
Total	288	2	20	72	1	1	0	0	9	393

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 393 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
1)Lip	2	0	0	2
2)Buccal mucosa	31	1	1	33
3)Retromolar area	11	0	0	11
4)Gingiva	76	1	0	77
5)Hard palate	12	1	0	13
6)Floor of the mouth	50	1	2	53
7)Tongue	194	2	7	203
9)Oral cavity, NOS	1	0	0	1
Total	377	6	10	393

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Oral Cavity ----- 393 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
1)Lip	2	0	0	2
2)Buccal mucosa	32	0	1	33
3)Retromolar area	11	0	0	11
4)Gingiva	77	0	0	77
5)Hard palate	13	0	0	13
6)Floor of the mouth	51	0	2	53
7)Tongue	191	5	7	203
9)Oral cavity, NOS	1	0	0	1
Total	378	5	10	393

NOS: not otherwise specified.

Larynx

291 Cases

Carcinoma of the Larynx ----- 291 Cases

Subsite

Subsite	Number of patients
Glottis	178 (61.2%)
Supraglottis	99 (34.0%)
Subglottis	7 (2.4%)
Larynx, NOS	7 (2.4%)
Total	291 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	1	0	0	1
40 - 49	9	1	0	10
50 - 59	62	4	0	66
60 - 69	98	10	0	108
70 - 79	78	6	0	84
80 - 89	16	6	0	22
90 -	0	0	0	0
Unknown	0	0	0	0
Total	264	27	0	291

Carcinoma of the Larynx ----- 291 Cases

Carcinoma of the Glottis

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	0	0	0	0
30 - 39	0	0	0	0
40 - 49	7	1	0	8
50 - 59	43	1	0	44
60 - 69	58	2	0	60
70 - 79	48	3	0	51
80 - 89	10	5	0	15
90 -	0	0	0	0
Unknown	0	0	0	0
Total	166	12	0	178

Carcinoma of the Larynx ----- 291 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	1	0	0	1
40 - 49	2	0	0	2
50 - 59	17	3	0	20
60 - 69	35	8	0	43
70 - 79	26	2	0	28
80 - 89	4	1	0	5
90 -	0	0	0	0
Unknown	0	0	0	0
Total	85	14	0	99

Carcinoma of the Larynx ----- 291 Cases

Carcinoma of the Subglottis

Distribution of Gender by Age

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

Carcinoma of the Larynx ----- 291 Cases

Carcinoma of the Larynx, NOS

Distribution of Gender by Age

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

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 Cases

Histological Distribution by Subsite

Histologic type	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
Carcinoma, NOS	0	1	0	0	1
S.C.C.-in-situ, NOS	4	0	0	0	4
S.C.C., NOS	120	77	4	6	207
S.C.C., kerat., NOS	42	12	1	1	56
S.C.C., large cell, non-kerat.	10	5	2	0	17
S.C.C., spindle cell	2	1	0	0	3
Adenocarcinoma, NOS	0	1	0	0	1
Mucoepidermoid ca.	0	2	0	0	2
Total	178	99	7	7	291

NOS: not otherwise specified.
ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Larynx ----- 291 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	117	0	0	0	0	1	0	2	120
T2	72 *	2	0	1	4	5	1	1	86
T3	33	6	0	2	2	8	2	0	53
T4	14	2	1	0	4 *	4	1 *	0	26
TX	0	0	0	0	0	0	0	6	6
Total	236	10	1	3	10	18	4	9	291

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

Carcinoma of the Larynx ----- 291 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	7	0	0	0	0	0	0	0	7
T1a	74	0	0	0	0	0	0	2	76
T1b	32	0	0	0	0	0	0	0	32
T2	39 *	0	0	0	0	0	0	0	39
T3	13	0	0	0	0	0	0	0	13
T4	5	0	0	0	0	0	1 *	0	6
TX	0	0	0	0	0	0	0	5	5
Total	170	0	0	0	0	0	1	7	178

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

Carcinoma of the Larynx ----- 291 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	2	0	0	0	0	1	0	0	3
T2	27	1	0	1	4	5	1	0	39
T3	19	5	0	2	2	8	2	0	38
T4	7	2	1	0	4 *	4	0	0	18
TX	0	0	0	0	0	0	0	1	1
Total	55	8	1	3	10	18	3	1	99

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

Carcinoma of the Larynx ----- 291 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	4	0	0	0	0	0	0	0	4
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	7	0	0	0	0	0	0	0	7

M1: 0 case.

Carcinoma of the Larynx ----- 291 Cases

Carcinoma of the Larynx, NOS

T and N Status

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

M1: 0 case.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 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	0	4
1)Rad. alone	113	26	1	2	142
2)Surg. alone	33	26	0	2	61
3)Preop. rad.	5	17	1	1	24
4)Postop. rad.	4	7	1	0	12
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	4	3	1	0	8
7)Rad.+chem.+surg.	0	5	1	1	7
8)Rad.+chem.	12	6	2	1	21
9)Others	6	6	0	0	12
No information	0	0	0	0	0
Total	178	99	7	7	291

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 291Cases

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	2	1	0	4
1)Rad. alone	0	0	82	45	11	2	2	142
2)Surg. alone	0	0	17	17	17	10	0	61
3)Preop. rad.	0	0	0	9	10	4	1	24
4)Postop. rad.	0	0	3	0	4	3	2	12
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	2	2	2	1	1	8
7)Rad.+chem.+surg.	0	0	1	1	3	2	0	7
8)Rad.+chem.	0	0	9	9	1	2	0	21
9)Others	0	0	6	2	3	1	0	12
No information	0	0	0	0	0	0	0	0
Total	0	0	120	86	53	26	6	291

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 291 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	1	0	1
1)Rad. alone	0	0	6	54	19	28	4	0	2	113
2)Surg. alone	0	0	0	14	3	6	6	4	0	33
3)Preop. rad.	0	0	0	0	0	2	1	1	1	5
4)Postop. rad.	0	0	0	1	2	0	0	0	1	4
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	1	1	1	0	1	4
7)Rad.+chem.+surg.	0	0	0	0	0	0	0	0	0	0
8)Rad.+chem.	0	0	0	3	6	2	1	0	0	12
9)Others	0	0	1	4	1	0	0	0	0	6
No information	0	0	0	0	0	0	0	0	0	0
Total	0	0	7	76	32	39	13	6	5	178

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 291 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	2	0	0	3
1)Rad. alone	0	0	2	15	7	2	0	26
2)Surg. alone	0	0	0	11	10	5	0	26
3)Preop. rad.	0	0	0	5	9	3	0	17
4)Postop. rad.	0	0	0	0	4	2	1	7
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	1	0	1	1	0	3
7)Rad.+chem.+surg.	0	0	0	1	2	2	0	5
8)Rad.+chem.	0	0	0	4	0	2	0	6
9)Others	0	0	0	2	3	1	0	6
No information	0	0	0	0	0	0	0	0
Total	0	0	3	39	38	18	1	99

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 291 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	1	0	0	0	0	1
2)Surg. alone	0	0	0	0	0	0	0	0
3)Preop. rad.	0	0	0	1	0	0	0	1
4)Postop. rad.	0	0	0	0	0	1	0	1
5)Preop. & postop. rad.	0	0	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	1	0	0	0	1
7)Rad.+chem.+surg.	0	0	1	0	0	0	0	1
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	4	0	1	0	7

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Preop.: preoperative.

Carcinoma of the Larynx ----- 291 Cases

Carcinoma of the Larynx, NOS

Treatment Method for the Primary Lesion by T Classification

Treatment method	T0	Tis	T1	T2	T3	T4	TX	Total
0)No treatment	0	0	0	0	0	0	0	0
1)Rad. alone	0	0	0	2	0	0	0	2
2)Surg. alone	0	0	0	0	1	1	0	2
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	1	0	0	1
8)Rad.+chem.	0	0	0	1	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	0	4	2	1	0	7

NOS: not otherwise specified.

Preop.: preoperative.

Rad.: radiation.

Postop.: postoperative.

Surg.: surgery.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 291 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)	129	2	17	0	8	22	0	178
Supraglottis (1611)	36	16	42	0	5	0	0	99
Subglottis (1612)	3	0	3	0	1	0	0	7
Larynx, NOS (1619)	3	0	4	0	0	0	0	7
Total	171	18	66	0	14	22	0	291

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 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	95	55	14	5	2	171
1)Extended total	0	0	0	2	7	9	0	18
2)Total	0	0	1	19	31	12	3	66
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	4	9	1	0	0	14
9)Others	0	0	20	1	0	0	1	22
No information	0	0	0	0	0	0	0	0
Total	0	0	120	86	53	26	6	291

Carcinoma of the Larynx ----- 291 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	6	58	27	30	5	1	2	129
1)Extended total	0	0	0	0	0	0	1	1	0	2
2)Total	0	0	0	0	1	3	7	4	2	17
3)Subtotal	0	0	0	0	0	0	0	0	0	0
4)Partial	0	0	0	3	0	5	0	0	0	8
9)Others	0	0	1	15	4	1	0	0	1	22
No information	0	0	0	0	0	0	0	0	0	0
Total	0	0	7	76	32	39	13	6	5	178

Carcinoma of the Larynx ----- 291 Cases

Carcinoma of the Supraglottis

Method of Surgery for the Primary Lesion by T Classification

Method of Surgery	T0	Tis	T1	T2	T3	T4	TX	Total
0)No surgery	0	0	3	20	9	4	0	36
1)Extended total	0	0	0	2	6	8	0	16
2)Total	0	0	0	13	22	6	1	42
3)Subtotal	0	0	0	0	0	0	0	0
4)Partial	0	0	0	4	1	0	0	5
9)Others	0	0	0	0	0	0	0	0
No information	0	0	0	0	0	0	0	0
Total	0	0	3	39	38	18	1	99

Carcinoma of the Larynx ----- 291 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	1	2	0	0	0	3
1)Extended total	0	0	0	0	0	0	0	0
2)Total	0	0	0	2	0	1	0	3
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	4	0	1	0	7

Carcinoma of the Larynx ----- 291 Cases

Carcinoma of the Larynx, NOS

Method of Surgery for the Primary Lesion by T Classification

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

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Glottis (1610)	Supraglottis (1611)	Subglottis (1612)	Larynx, NOS (1619)	Total
0)No treatment	161	39	4	4	208
1)Rad. alone	4	6	1	0	11
2)Surg. alone	11	23	0	1	35
3)Preop. rad.	0	12	0	1	13
4)Postop. rad.	0	5	0	0	5
5)Preop. & postop. rad.	0	1	0	0	1
6)Rad.→ salvage	2	1	1	0	4
7)Rad.+chem.+surg.	0	4	0	1	5
8)Rad.+chem.	0	3	1	0	4
9)Others	0	5	0	0	5
No information	0	0	0	0	0
Total	178	99	7	7	291

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Larynx ----- 291 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)	162	4	9	3	0	0	178
Supraglottis (1611)	39	21	35	4	0	0	99
Subglottis (1612)	6	0	1	0	0	0	7
Larynx, NOS (1619)	3	3	1	0	0	0	7
Total	210	28	46	7	0	0	291

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 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)	177	0	0	0	0	0	0	1	0	178
Supraglottis (1611)	84	4	9	1	0	0	0	1	0	99
Subglottis (1612)	5	0	0	0	0	1	0	1	0	7
Larynx, NOS (1619)	7	0	0	0	0	0	0	0	0	7
Total	273	4	9	1	0	1	0	3	0	291

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 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)	42	134	0	0	0	0	2	178
Supraglottis (1611)	34	65	0	0	0	0	0	99
Subglottis (1612)	0	7	0	0	0	0	0	7
Larynx, NOS (1619)	3	4	0	0	0	0	0	7
Total	79	210	0	0	0	0	2	291

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 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)	165	0	0	13	0	0	0	0	0	178
Supraglottis (1611)	79	0	0	20	0	0	0	0	0	99
Subglottis (1612)	3	0	0	4	0	0	0	0	0	7
Larynx, NOS (1619)	5	0	0	1	0	0	0	0	1	7
Total	252	0	0	38	0	0	0	0	1	291

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Larynx ----- 291 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Glottis (1610)	177	0	1	178
Supraglottis (1611)	99	0	0	99
Subglottis (1612)	7	0	0	7
Larynx, NOS (1619)	6	0	1	7
Total	289	0	2	291

immuno.: immunotherapy.

NOS: not otherwise specified.

Hypopharynx

146 Cases

Carcinoma of the Hypopharynx ----- 146 Cases

Subsite

Subsite	Number of patients
Posterioricoid	20 (13.7%)
Pyriiform sinus	102 (69.9%)
Posterior wall	14 (9.6%)
Cervical esophagus	2 (1.4%)
Hypopharynx, NOS	8 (5.5%)
Total	146 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 146 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	6	2	0	8
50 - 59	21	4	0	25
60 - 69	57	7	0	64
70 - 79	32	6	0	38
80 - 89	7	3	0	10
90 -	1	0	0	1
Unknown	0	0	0	0
Total	124	22	0	146

Carcinoma of the Hypopharynx ----- 146 Cases

Histological Distribution by Subsite

Histologic type	Post-cricoid (1480)	Pyriform sinus (1481)	Posterior wall (1483)	Cervical esophagus (1500)	Hypopharynx, NOS (1489)	Total
Carcinoma, NOS	0	0	0	0	1	1
Ca., undiff., NOS	0	1	0	0	0	1
S.C.C.-in-situ, NOS	0	1	0	0	0	1
S.C.C., NOS	15	84	6	1	6	112
S.C.C., kerat., NOS	2	9	8	1	1	21
S.C.C., large cell, non-kerat.	3	6	0	0	0	9
S.C.C., small cell, non-kerat.	0	1	0	0	0	1
Total	20	102	14	2	8	146

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

Ca.: carcinoma.
kerat.: keratinizing.

undiff.: undifferentiated.

Carcinoma of the Hypopharynx ----- 146 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	1	0	0	0	0	1
Tis	0	0	0	0	0	0	0	0	0
T1	6	2	0	5	3 *	0	2	0	18
T2	23	13	0	2	7	7	2	1	55
T3	14	8 *	0	2	10 *	4	0	0	38
T4	5	5	0	1	7	9 *	5 *	0	32
TX	0	0	0	0	0	0	0	2	2
Total	48	28	0	11	27	20	9	3	146

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

Carcinoma of the Hypopharynx ----- 146 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	4	1	0	0	5
1)Rad. alone	1	19	3	0	0	23
2)Surg. alone	11	25	5	1	1	43
3)Preop. rad.	3	6	1	0	1	11
4)Postop. rad.	2	12	0	0	0	14
5)Preop. & postop. rad.	1	0	0	0	0	1
6)Rad.→ salvage	0	2	1	0	1	4
7)Rad.+chem.+surg.	0	12	2	0	2	16
8)Rad.+chem.	1	11	1	0	1	14
9)Others	1	11	0	1	2	15
No information	0	0	0	0	0	0
Total	20	102	14	2	8	146

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 146 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)	3	2	15	0	0	0	0	20
Pyriiform sinus (1481)	38	16	43	0	2	3	0	102
Posterior wall (1483)	5	0	7	0	2	0	0	14
Cervical esophagus (1500)	0	1	1	0	0	0	0	2
Hypopharynx, NOS (1489)	2	3	3	0	0	0	0	8
Total	48	22	69	0	4	3	0	146

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 146 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	0	14	2	0	3	19
1)Rad. alone	1	10	2	0	0	13
2)Surg. alone	11	27	5	1	0	44
3)Preop. rad.	3	7	1	0	1	12
4)Postop. rad.	2	16	0	0	0	18
5)Preop. & postop. rad.	1	0	0	0	0	1
6)Rad.→ salvage	0	0	0	0	1	1
7)Rad.+chem.+surg.	0	10	2	0	0	12
8)Rad.+chem.	1	10	1	0	1	13
9)Others	1	8	1	1	2	13
No information	0	0	0	0	0	0
Total	20	102	14	2	8	146

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Hypopharynx ----- 146 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Postcricoid (1480)	3	3	13	1	0	0	20
Pyriiform sinus (1481)	30	40	27	2	0	3	102
Posterior wall (1483)	5	2	6	1	0	0	14
Cervical esophagus (1500)	0	0	2	0	0	0	2
Hypopharynx, NOS (1489)	3	3	2	0	0	0	8
Total	41	48	50	4	0	3	146

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 146 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)	5	1	2	12	0	0	0	0	0	20
Pyriiform sinus (1481)	46	3	18	26	0	0	1	8	0	102
Posterior wall (1483)	5	1	4	2	0	0	0	2	0	14
Cervical esophagus (1500)	0	1	0	1	0	0	0	0	0	2
Hypopharynx, NOS (1489)	2	0	2	2	0	0	0	2	0	8
Total	58	6	26	43	0	0	1	12	0	146

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 146 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)	11	9	0	0	0	0	0	20
Pyriiform sinus (1481)	36	63	0	0	0	0	3	102
Posterior wall (1483)	8	6	0	0	0	0	0	14
Cervical esophagus (1500)	2	0	0	0	0	0	0	2
Hypopharynx, NOS (1489)	3	4	0	0	0	0	1	8
Total	60	82	0	0	0	0	4	146

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 146 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)	19	0	0	1	0	0	0	0	0	20
Pyriform sinus (1481)	65	0	0	30	0	0	0	0	7	102
Posterior wall (1483)	11	0	0	3	0	0	0	0	0	14
Cervical esophagus (1500)	1	0	0	1	0	0	0	0	0	2
Hypopharynx, NOS (1489)	3	0	0	5	0	0	0	0	0	8
Total	99	0	0	40	0	0	0	0	7	146

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Hypopharynx ----- 146 Cases

Immunotherapy by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without immuno.	With immuno.		
Postcricoid	(1480)	20	0	0	20
Pyriform sinus	(1481)	97	0	5	102
Posterior wall	(1483)	14	0	0	14
Cervical esophagus	(1500)	2	0	0	2
Hypopharynx, NOS	(1489)	8	0	0	8
Total		141	0	5	146

immuno.: immunotherapy.

NOS: not otherwise specified.

Mesopharynx

113 Cases

Carcinoma of the Mesopharynx ----- 113 Cases

Subsite

Subsite	Number of patients
Soft palate	12 (10.6%)
Lateral wall	57 (50.4%)
Posterior wall	5 (4.4%)
Base of the tongue	33 (29.2%)
Mesopharynx, NOS	6 (5.3%)
Total	113 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 113 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	9	3	0	12
50 - 59	27	0	0	27
60 - 69	36	4	0	40
70 - 79	23	3	0	26
80 - 89	6	1	0	7
90 -	0	0	0	0
Unknown	0	0	0	0
Total	102	11	0	113

Carcinoma of the Mesopharynx ----- 113 Cases

Histological Distribution by Subsite

Histologic type	Soft palate	Lateral wall	Posterior wall	Base of the tongue	Mesopharynx, NOS	Total
Ca., undiff., NOS	0	1	0	1	0	2
S.C.C.-in-situ, NOS	1	0	0	0	0	1
S.C.C., NOS	6	34	2	17	5	64
S.C.C., kerat., NOS	4	18	3	8	1	34
S.C.C., large cell, non-kerat.	1	2	0	2	0	5
S.C.C., small cell, non-kerat.	0	2	0	0	0	2
S.C.C., spindle cell	0	0	0	1	0	1
Adenocarcinoma, NOS	0	0	0	2	0	2
Adenoid cystic ca.	0	0	0	2	0	2
Total	12	57	5	33	6	113

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

Ca., ca.: carcinoma.

kerat.: keratinizing.

undiff.: undifferentiated.

Carcinoma of the Mesopharynx ----- 113 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0		0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	8 *	1	0	2	4	1	3	1	20
T2	20	9 *	0	2	8 *	2	1	1	43
T3	10 *	5	1	2	5	2	2	0	27
T4	6	1	1	0	9	2	2	1	22
TX	0	0	0	0	0	0	0	1	1
Total	44	16	2	6	26	7	8	4	113

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

Carcinoma of the Mesopharynx ----- 113 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	4	0	0	0	4
1)Rad. alone	6	23	1	6	0	36
2)Surg. alone	3	6	3	8	0	20
3)Preop. rad.	0	2	0	2	0	4
4)Postop. rad.	1	1	0	1	0	3
5)Preop. & postop. rad.	0	0	0	0	0	0
6)Rad.→ salvage	0	1	0	1	0	2
7)Rad.+chem.+surg.	1	5	0	3	2	11
8)Rad.+chem.	1	12	0	8	3	24
9)Others	0	3	1	4	1	9
No information	0	0	0	0	0	0
Total	12	57	5	33	6	113

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ----- 113 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	7	0	2	0	0	2	1	0	12
Lateral wall	41	3	10	0	0	3	0	0	57
Posterior wall	2	1	2	0	0	0	0	0	5
Base of the tongue	17	1	7	1	0	5	2	0	33
Mesopharynx, NOS	4	2	0	0	0	0	0	0	6
Total	71	7	21	1	0	10	3	0	113

surg.: surgery.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 113 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	19	3	12	0	43
1)Rad. alone	1	12	0	1	0	14
2)Surg. alone	0	5	2	8	0	15
3)Preop. rad.	1	4	0	0	1	6
4)Postop. rad.	0	2	0	1	0	3
5)Preop. & postop. rad.	0	0	0	0	0	0
6)Rad.→ salvage	0	2	0	1	0	3
7)Rad.+chem.+surg.	1	5	0	3	2	11
8)Rad.+chem.	0	7	0	6	2	15
9)Others	0	1	0	1	1	3
No information	0	0	0	0	0	0
Total	12	57	5	33	6	113

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Mesopharynx ----- 113 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Soft palate	10	1	1	0	0	0	12
Lateral wall	35	10	12	0	0	0	57
Posterior wall	3	1	1	0	0	0	5
Base of the tongue	17	8	6	1	0	1	33
Mesopharynx, NOS	3	2	0	1	0	0	6
Total	68	22	20	2	0	1	113

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 113 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	1	0	0	0	0	0	0	0	0	12
Lateral wall	42	0	12	1	0	0	0	0	0	2	0	57
Posterior wall	3	0	2	0	0	0	0	0	0	0	0	5
Base of the tongue	19	4	8	0	0	0	0	0	0	2	0	33
Mesopharynx, NOS	4	0	2	0	0	0	0	0	0	0	0	6
Total	79	4	25	1	0	0	0	0	0	4	0	113

recon.: reconstruction.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 113 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	3	7	0	1	0	1	0	12
Lateral wall	13	42	0	1	0	0	1	57
Posterior wall	4	1	0	0	0	0	0	5
Base of the tongue	11	21	0	0	0	0	1	33
Mesopharynx, NOS	1	5	0	0	0	0	0	6
Total	32	76	0	2	0	1	2	113

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 113 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
Soft palate	10	0	0	2	0	0	0	0	0	12
Lateral wall	34	0	5	17	0	0	0	0	1	57
Posterior wall	5	0	0	0	0	0	0	0	0	5
Base of the tongue	18	0	0	14	0	0	0	0	1	33
Mesopharynx, NOS	0	0	2	3	0	0	1	0	0	6
Total	67	0	7	36	0	0	1	0	2	113

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 113 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Soft palate	12	0	0	12
Lateral wall	54	1	2	57
Posterior wall	5	0	0	5
Base of the tongue	32	0	1	33
Mesopharynx, NOS	6	0	0	6
Total	109	1	3	113

immuno.: immunotherapy.

NOS: not otherwise specified.

Carcinoma of the Mesopharynx ----- 113 Cases

Cryosurgery by Subsite

Subsite	(0) Without cryosurgery	(1) With cryosurgery	No infor- mation	Total
Soft palate	12	0	0	12
Lateral wall	54	1	2	57
Posterior wall	5	0	0	5
Base of the tongue	32	0	1	33
Mesopharynx, NOS	6	0	0	6
Total	109	1	3	113

NOS: not otherwise specified.

Nasopharynx

46 Cases

Carcinoma of the Nasopharynx ----- 46 Cases

Subsite

Subsite	Number of patients
Postero-superior wall	23 (50.0%)
Lateral wall	11 (23.9%)
Inferior wall	2 (4.3%)
Nasopharynx, NOS	10 (21.7%)
Total	46 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Distribution of Gender by Age

Age	Male	Female	Unknown	Total
0 - 9	0	0	0	0
10 - 19	0	0	0	0
20 - 29	2	0	0	2
30 - 39	1	1	0	2
40 - 49	9	1	0	10
50 - 59	9	3	0	12
60 - 69	9	5	0	14
70 - 79	5	1	0	6
80 - 89	0	0	0	0
90 -	0	0	0	0
Unknown	0	0	0	0
Total	35	11	0	46

Carcinoma of the Nasopharynx ----- 46Cases

Histological Distribution by Subsite

Histologic type	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
Neoplasm, malig.	0	0	0	1	1
Ca., undiff., NOS	3	2	0	0	5
S.C.C., NOS	13	6	1	8	28
S.C.C., kerat., NOS	3	0	0	1	4
S.C.C., large cell, non-kerat.	0	1	0	0	1
S.C.C., small cell, non-kerat.	4	0	0	0	4
Adenocarcinoma, NOS	0	1	0	0	1
Adenoid cystic ca.	0	1	1	0	2
Total	23	11	2	10	46

NOS: not otherwise specified.

Ca., ca.: carcinoma.

S.C.C.: squamous cell carcinoma.

malig.: malignant.

undiff.: undifferentiated.

kerat.: keratinizing.

Carcinoma of the Nasopharynx ----- 46 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	2	1	0	1	0	0	1	0	5
T2	5 *	1	0	3	4	6	1	0	20
T3	4	1	0	1	0	3	1 *	0	10
T4	1	4 *	2	0	1	1	1 *	0	10
TX	1	0	0	0	0	0	0	0	1
Total	13	7	2	5	5	10	4	0	46

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

Carcinoma of the Nasopharynx ----- 46 Cases

Cranial Nerve Palsy

Without cranial nerve palsy 40 cases
 With cranial nerve palsy 6 cases

Cranial nerve	Right		Left	
	Incomplete palsy	Complete palsy	Incomplete palsy	Complete palsy
I	1	0	0	0
II	2	2	0	1
III	0	0	0	0
IV	0	0	0	0
V	0	0	0	0
VI	0	0	0	0
VII	0	0	0	0
VIII	0	0	0	0
IX	0	0	0	0
X	0	0	0	4
XI	1	0	0	0
XII	0	0	0	0

Carcinoma of the Nasopharynx ----- 46 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
0)No treatment	0	0	0	0	0
1)Rad. alone	8	4	0	3	15
2)Surg. alone	0	0	2	1	3
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	1	0	0	1
7)Rad.+chem.+surg.	1	0	0	1	2
8)Rad.+chem.	14	6	0	5	25
9)Others	0	0	0	0	0
No information	0	0	0	0	0
Total	23	11	2	10	46

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 46 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite	(0) Without surgery	(1) With surgery	No infor- mation	Total
Postero-superior wall	22	1	0	23
Lateral wall	10	1	0	11
Inferior wall	0	2	0	2
Nasopharynx, NOS	9	1	0	10
Total	41	5	0	46

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Treatment Method for the Cervical Nodes by Subsite

Treatment method	Postero-superior wall	Lateral wall	Inferior wall	Nasopharynx, NOS	Total
0)No treatment	4	2	2	1	9
1)Rad. alone	6	3	0	2	11
2)Surg. alone	0	0	0	0	0
3)Preop. rad.	0	0	0	0	0
4)Postop. rad.	0	0	0	0	0
5)Preop. & postop. rad.	0	0	0	0	0
6)Rad.→ salvage	1	0	0	2	3
7)Rad.+chem.+surg.	2	0	0	1	3
8)Rad.+chem.	9	6	0	4	19
9)Others	1	0	0	0	1
No information	0	0	0	0	0
Total	23	11	2	10	46

NOS: not otherwise specified.

Surg.: surgery.

Postop.: postoperative.

Rad.: radiation.

Preop.: preoperative.

chem.: chemotherapy.

Carcinoma of the Nasopharynx ----- 46 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Postero-superior wall	19	0	3	1	0	0	23
Lateral wall	11	0	0	0	0	0	11
Inferior wall	2	0	0	0	0	0	2
Nasopharynx, NOS	7	3	0	0	0	0	10
Total	39	3	3	1	0	0	46

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Reconstructive Surgery by Subsite

Subsite	(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Postero-superior wall	23	0	0	23
Lateral wall	11	0	0	11
Inferior wall	2	0	0	2
Nasopharynx, NOS	10	0	0	10
Total	46	0	0	46

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Radiotherapy for the Primary Lesion by Subsite

Subsite	(0) No R.T.	(1) External	(2) Intra- cavitary	(3) Inter- stitial	(4) (1)+ (2)	(5) (1)+ (3)	No infor- mation	Total
Postero-superior wall	0	22	0	0	1	0	0	23
Lateral wall	0	11	0	0	0	0	0	11
Inferior wall	2	0	0	0	0	0	0	2
Nasopharynx, NOS	1	9	0	0	0	0	0	10
Total	3	42	0	0	1	0	0	46

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Chemotherapy by Subsite

Subsite	(0) No chem.	(1) Topi- cal	(2) Arte- rial	(3) Sys- temic	(4) (1)+ (2)	(5) (1)+ (3)	(6) (2)+ (3)	(7) (1)+(2) +(3)	No infor- mation	Total
Postero-superior wall	9	0	0	14	0	0	0	0	0	23
Lateral wall	4	0	0	7	0	0	0	0	0	11
Inferior wall	2	0	0	0	0	0	0	0	0	2
Nasopharynx, NOS	4	1	0	5	0	0	0	0	0	10
Total	19	1	0	26	0	0	0	0	0	46

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasopharynx ----- 46 Cases

Immunotherapy by Subsite

Subsite	(0) Without immuno.	(1) With immuno.	No infor- mation	Total
Postero-superior wall	23	0	0	23
Lateral wall	11	0	0	11
Inferior wall	2	0	0	2
Nasopharynx, NOS	10	0	0	10
Total	46	0	0	46

immuno.: immunotherapy.

NOS: not otherwise specified.

Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus

18 Cases

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the
Maxillary Sinus ----- 18 Cases

Subsite

Subsite	Number of patients
Nasal cavity	7 (38.9%)
Ethmoid sinus	2 (11.1%)
Frontal sinus	4 (22.2%)
Sphenoid sinus	5 (27.8%)
Paranasal sinus, NOS	0 (0.0%)
Total	18 (100.0%)

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses
Excluding the Maxillary Sinus ----- 18 Cases

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	3	0	0	3
40 - 49	1	1	0	2
50 - 59	3	1	0	4
60 - 69	4	2	0	6
70 - 79	1	0	0	1
80 - 89	0	1	0	1
90 -	0	0	0	0
Unknown	0	0	0	0
Total	12	6	0	18

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 18 Cases

Histological Distribution by Subsite

Histologic type	Nasal cavity (1600)	Ethmoid sinus (1603)	Frontal sinus (1604)	Sphenoid sinus (1605)	Paranasal sinus, NOS (1609)	Total
Neoplasm, malig.	1	0	0	0	0	1
Carcinoma, NOS	0	0	1	0	0	1
Ca., undiff., NOS	0	0	0	1	0	1
S.C.C., NOS	2	2	1	1	0	6
S.C.C., kerat., NOS	1	0	1	0	0	2
S.C.C., large cell, non-kerat.	1	0	1	0	0	2
S.C.C., small cell, non-kerat.	0	0	0	1	0	1
Adenocarcinoma, NOS	0	0	0	2	0	2
Malignant melanoma, NOS	1	0	0	0	0	1
Esthesioneuroblastoma	1	0	0	0	0	1
Total	7	2	4	5	0	18

NOS: not otherwise specified.

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 ----- 18 Cases

Treatment Method for the Primary Lesion by Subsite

Treatment method	Nasal cavity (1600)	Ethmoid sinus (1603)	Frontal sinus (1604)	Sphenoid sinus (1605)	Paranasal sinus, NOS (1609)	Total
0)No treatment	0	0	0	0	0	0
1)Rad. alone	0	1	0	2	0	3
2)Surg. alone	3	1	0	1	0	5
3)Preop. rad.	0	0	0	0	0	0
4)Postop. rad.	1	0	2	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	0	1	0	0	2
8)Rad.+chem.	2	0	0	2	0	4
9)Others	0	0	1	0	0	1
No information	0	0	0	0	0	0
Total	7	2	4	5	0	18

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 ----- 18 Cases

Method of Surgery for the Primary Lesion by Subsite

Subsite		(0) Without surgery	(1) With surgery	No infor- mation	Total
Nasal cavity	(1600)	2	5	0	7
Ethmoid sinus	(1603)	1	1	0	2
Frontal sinus	(1604)	2	2	0	4
Sphenoid sinus	(1605)	3	2	0	5
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		8	10	0	18

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 18 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	6	1	2	4	0	13
1)Rad. alone	0	1	0	1	0	2
2)Surg. alone	1	0	1	0	0	2
3)Preop. rad.	0	0	0	0	0	0
4)Postop. rad.	0	0	1	0	0	1
5)Preop. & postop. rad.	0	0	0	0	0	0
6)Rad.→ salvage	0	0	0	0	0	0
7)Rad.+chem.+surg.	0	0	0	0	0	0
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	7	2	4	5	0	18

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 ----- 18 Cases

Neck Dissection by Subsite

Subsite	(0) No N.D.	(1) Radical N.D.	(2) Conservative N.D.	(3) Partial N.D.	(4) Enucle- ation	No infor- mation	Total
Nasal cavity (1600)	5	0	1	1	0	0	7
Ethmoid sinus (1603)	2	0	0	0	0	0	2
Frontal sinus (1604)	3	0	0	1	0	0	4
Sphenoid sinus (1605)	5	0	0	0	0	0	5
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0
Total	15	0	1	2	0	0	18

N.D.: neck dissection.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 18 Cases

Reconstructive Surgery by Subsite

Subsite		(0) Without reconstruction	(1) With reconstruction	No infor- mation	Total
Nasal cavity	(1600)	4	3	0	7
Ethmoid sinus	(1603)	2	0	0	2
Frontal sinus	(1604)	2	2	0	4
Sphenoid sinus	(1605)	4	1	0	5
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		12	6	0	18

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 18 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)	3	4	0	0	0	0	0	7
Ethmoid sinus (1603)	2	0	0	0	0	0	0	2
Frontal sinus (1604)	1	3	0	0	0	0	0	4
Sphenoid sinus (1605)	2	3	0	0	0	0	0	5
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0
Total	8	10	0	0	0	0	0	18

R.T.: radiotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 18 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)	4	0	1	2	0	0	0	0	0	7
Ethmoid sinus (1603)	2	0	0	0	0	0	0	0	0	2
Frontal sinus (1604)	2	0	1	1	0	0	0	0	0	4
Sphenoid sinus (1605)	4	0	0	1	0	0	0	0	0	5
Paranasal sinus, NOS (1609)	0	0	0	0	0	0	0	0	0	0
Total	12	0	2	4	0	0	0	0	0	18

chem.: chemotherapy.

NOS: not otherwise specified.

Carcinoma of the Nasal Cavity and Paranasal Sinuses Excluding the Maxillary Sinus ----- 18 Cases

Immunotherapy by Subsite

Subsite		(0)	(1)	No infor- mation	Total
		Without immuno.	With immuno.		
Nasal cavity	(1600)	7	0	0	7
Ethmoid sinus	(1603)	2	0	0	2
Frontal sinus	(1604)	4	0	0	4
Sphenoid sinus	(1605)	4	1	0	5
Paranasal sinus, NOS	(1609)	0	0	0	0
Total		17	1	0	18

immuno.: immunotherapy.

NOS: not otherwise specified.

Maxillary Sinus

68 Cases

Carcinoma of the Maxillary Sinus ----- 68 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	3	0	0	3
40 - 49	11	1	0	12
50 - 59	12	2	0	14
60 - 69	13	5	0	18
70 - 79	12	5	0	17
80 - 89	0	4	0	4
90 -	0	0	0	0
Unknown	0	0	0	0
Total	51	17	0	68

Carcinoma of the Maxillary Sinus ----- 68 Cases

Histological Distribution

Histologic type	Number of patients
Neoplasm, malig.	3 (4.4%)
Ca., anaplastic, NOS	1 (1.5%)
S.C.C., NOS	41 (60.3%)
S.C.C., kerat., NOS	8 (11.8%)
S.C.C., large cell, non-kerat.	1 (1.5%)
Transitional cell ca., NOS	1 (1.5%)
Adenocarcinoma, NOS	2 (2.9%)
Adenoid cystic ca.	6 (8.8%)
Mucoepidermoid ca.	2 (2.9%)
Adenosquamous ca.	1 (1.5%)
Osteosarcoma, NOS	1 (1.5%)
Malignant lymphoma, NOS	1 (1.5%)
Total	68 (100.0%)

malig.: malignant.

Ca., ca.: carcinoma.

NOS: not otherwise specified.

S.C.C.: squamous cell carcinoma.

kerat.: keratinizing.

Carcinoma of the Maxillary Sinus ----- 68 Cases

T and N Status

	N0	N1	N2	N2a	N2b	N2c	N3	NX	Total
T0	0	0	0	0	0	0	0	0	0
Tis	0	0	0	0	0	0	0	0	0
T1	2	0	0	0	0	0	0	0	2
T2	7	0	0	0	1	0	0	0	8
T3	17	1	0	0	1	0	0	0	19
T4	27 *	4	0	0	4	2	0	0	37
TX	0	0	0	0	0	0	0	2	2
Total	53	5	0	0	6	2	0	2	68

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

Carcinoma of the Maxillary Sinus ----- 68 Cases

Treatment Method for the Primary Lesion

Treatment method	Number of patients
0)No treatment	2 (2.9%)
1)Rad. alone	5 (7.4%)
2)Surg. alone	10 (14.7%)
3)Preop. rad.	10 (14.7%)
4)Postop. rad.	3 (4.4%)
5)Preop. & postop. rad.	2 (2.9%)
6)Rad.→ salvage	0 (0.0%)
7)Rad.+chem.+surg.	27 (39.7%)
8)Rad.+chem.	2 (2.9%)
9)Others	7 (10.3%)
No information	0 (0.0%)
Total	68 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 68 Cases

Method of Surgery for the Primary Lesion

Method of Surgery	Number of patients
0)No surgery	12 (17.6%)
1)Extended total maxillectomy	13 (19.1%)
2)Total maxillectomy	27 (39.7%)
3)Subtotal maxillectomy	3 (4.4%)
4)Partial maxillectomy	10 (14.7%)
9)Others	3 (4.4%)
No information	0 (0.0%)
Total	68 (100.0%)

Carcinoma of the Maxillary Sinus ----- 68 Cases

Treatment Method for the Cervical Nodes

Treatment method	Number of patients
0)No treatment	49 (72.1%)
1)Rad. alone	3 (4.4%)
2)Surg. alone	8 (11.8%)
3)Preop. rad.	0 (0.0%)
4)Postop. rad.	1 (1.5%)
5)Preop. & postop. rad.	1 (1.5%)
6)Rad.→ salvage	0 (0.0%)
7)Rad.+chem.+surg.	1 (1.5%)
8)Rad.+chem.	1 (1.5%)
9)Others	4 (5.9%)
No information	0 (0.0%)
Total	68 (100.0%)

Rad.: radiation.

Surg.: surgery.

Preop.: preoperative.

Postop.: postoperative.

chem.: chemotherapy.

Carcinoma of the Maxillary Sinus ----- 68 Cases

Neck Dissection

Neck dissection	Number of patients
0)No neck dissection	53 (77.9%)
1)Radical neck dissection	0 (0.0%)
2)Conservative neck dissection	8 (11.8%)
3)Partial neck dissection	7 (10.3%)
4)Enucleation	0 (0.0%)
No information	0 (0.0%)
Total	68 (100.0%)

Carcinoma of the Maxillary Sinus ----- 68 Cases

Reconstructive Surgery

Reconstructive surgery	Number of patients
0)No reconstruction	39 (57.4%)
1)Pedicled flap	1 (1.5%)
2)Free flap	17 (25.0%)
3)Free bone graft	0 (0.0%)
4) 1)+2)	1 (1.5%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	6 (8.8%)
9)Others	4 (5.9%)
No information	0 (0.0%)
Total	68 (100.0%)

Carcinoma of the Maxillary Sinus ----- 68 Cases

Radiotherapy for the Primary Lesion

Radiotherapy	Number of patients
0)No radiotherapy	16 (23.5%)
1)External radiotherapy	52 (76.5%)
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	0 (0.0%)
Total	68 (100.0%)

Carcinoma of the Maxillary Sinus ----- 68 Cases

Total Dose of Irradiation

Dose(Gy)	Number of patients
No R.T.	16 (23.5%)
0 <-< 10	0 (0.0%)
10 <-< 20	2 (2.9%)
20 <-< 30	1 (1.5%)
30 <-< 40	3 (4.4%)
40 <-< 50	17 (25.0%)
50 <-< 60	12 (17.6%)
60 <-< 70	12 (17.6%)
70 <-< 80	4 (5.9%)
80 <-< 90	0 (0.0%)
90 -	0 (0.0%)
Dose unknown	1 (1.5%)
No information	0 (0.0%)
Total	68 (100.0%)

0 <-< 40 Gy 11.5% of irradiated patients
0 <-< 50 Gy 44.2% of irradiated patients
0 <-< 60 Gy 67.3% of irradiated patients

R.T.: radiotherapy.

Carcinoma of the Maxillary Sinus ----- 68 Cases

Chemotherapy

Chemotherapy	Number of patients
0)No chemotherapy	28 (41.2%)
1)Topical	0 (0.0%)
2)Arterial	29 (42.6%)
3)Systemic	9 (13.2%)
4) 1)+2)	1 (1.5%)
5) 1)+3)	0 (0.0%)
6) 2)+3)	1 (1.5%)
7) 1)+2)+3)	0 (0.0%)
No information	0 (0.0%)
Total	68 (100.0%)

Carcinoma of the Maxillary Sinus ----- 68 Cases

Immunotherapy

Immunotherapy	Number of patients
0)Without immunotherapy	66 (97.1%)
1)With immunotherapy	2 (2.9%)
No information	0 (0.0%)
Total	68 (100.0%)

Carcinoma of the Maxillary Sinus ----- 68 Cases

Cryosurgery

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