

## Appendix B TNM 9 classification for nodal status

### Lip and oral cavity primary

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension without extranodal extension.

pN2 Metastasis described as:

pN2a Metastasis in a single ipsilateral lymph node, less than 3 cm in greatest dimension with extranodal extension or, more than 3 cm but not more than 6 cm in greatest dimension without extranodal extension

pN2b Metastasis in multiple ipsilateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension

pN2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension.

pN3 Metastasis described as:

pN3a Metastasis in a lymph node more than 6 cm in greatest dimension without extranodal extension.

pN3b Metastasis in a lymph node more than 3 cm in greatest dimension with extranodal extension or, multiple ipsilateral, or any contralateral or bilateral node(s) with extranodal extension.

In sentinel lymph node biopsies (SLNBs), isolated tumour cells (ITCs) should be regarded as pN(sn) if present in a single ipsilateral sentinel node, pN2b(sn) if present in multiple ipsilateral sentinel nodes and pN2c(sn) if present in bilateral or contralateral sentinel nodes.

### Oropharynx – HPV-independent and Hypopharynx primary

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

- pN1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension without extranodal extension.
- pN2 Metastasis described as:
  - pN2a Metastasis in a single ipsilateral lymph node, less than 3 cm in greatest dimension with extranodal extension or more than 3 cm but not more than 6 cm in greatest dimension without extranodal extension.
  - pN2b Metastasis in multiple ipsilateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension
  - pN2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension.
- pN3 Metastasis described as:
  - pN3a Metastasis in a lymph node more than 6 cm in greatest dimension without extranodal extension.
  - pN3b Metastasis in a lymph node more than 3 cm in greatest dimension with extranodal extension or, multiple ipsilateral, or any contralateral or bilateral node(s) with extranodal extension.

### **Oropharynx – HPV-associated primary**

- pNX Regional lymph nodes cannot be assessed
- pN0 No regional lymph node metastasis
- pN1 Metastasis in 1 to 4 lymph node(s) without definitive pathologic extranodal extension
  - pN1a Metastasis in 1 lymph node without definitive pathological extranodal extension
  - pN1b Metastasis in 2–4 lymph nodes without definitive pathological extranodal extension
- pN2 Metastasis described as
  - 1–4 lymph nodes with definitive pathologic extranodal extension or in >4 lymph nodes without definitive pathological extranodal extension
- pN3 Metastasis in >4 lymph nodes with definitive pathological extranodal extension

## **Nasopharynx primary**

- pNX Regional lymph nodes cannot be assessed
- pN0 No regional lymph node metastasis
- pN1 Unilateral metastasis, in cervical lymph node(s), and/or unilateral or bilateral metastasis in retropharyngeal lymph nodes, and 6 cm or less in greatest dimension, above the caudal border of cricoid cartilage and without advanced pathological extranodal extension
- pN2 Bilateral metastasis in cervical lymph node(s), 6 cm or less in greatest dimension, above the caudal border of cricoid cartilage and without advanced pathological extranodal extension
- pN3 Metastasis in cervical lymph node(s) greater than 6 cm in dimension or extension below the caudal border of cricoid cartilage or advanced pathological extranodal extension

## **Larynx primary**

- pNX Regional lymph nodes cannot be assessed
- pN0 No regional lymph node metastasis
- pN1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension without extranodal extension
- pN2 Metastasis described as:
  - pN2a Metastasis in a single ipsilateral lymph node, less than 3 cm in greatest dimension with extranodal extension or more than 3 cm but not more than 6 cm in greatest dimension without extranodal extension
  - pN2b Metastasis in multiple ipsilateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension
  - pN2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension
- pN3 Metastasis described as:
  - pN3a Metastasis in a lymph node more than 6 cm in greatest dimension without extranodal extension

pN3b Metastasis in a lymph node more than 3 cm in greatest dimension with extranodal extension or multiple ipsilateral, or any contralateral or bilateral node(s) with extranodal extension

### **Sinonasal primary**

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension without extranodal extension

pN2 Metastasis described as:

pN2a Metastasis in a single ipsilateral lymph node, less than 3 cm in greatest dimension with extranodal extension or, more than 3 cm but not more than 6 cm in greatest dimension without extranodal extension

pN2b Metastasis in multiple ipsilateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension

pN2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension

pN3 Metastasis described as:

pN3a Metastasis in a lymph node more than 6 cm in greatest dimension without extranodal extension

pN3b Metastasis in a lymph node more than 3 cm in greatest dimension with extranodal extension or multiple ipsilateral, or any contralateral or bilateral node(s) with extranodal extension

### **Carcinoma of unknown primary – EBV or HPV negative or unknown**

pN1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension without extranodal extension

pN2 Metastasis described as:

pN2a Metastasis in a single ipsilateral lymph node, less than 3 cm in greatest dimension with extranodal extension or more than 3 cm but not more than 6 cm in greatest dimension without extranodal extension

pN2b Metastasis in multiple ipsilateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension

pN2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension

pN3 Metastasis described as:

pN3a Metastasis in a lymph node more than 6 cm in greatest dimension without extranodal extension

pN3b Metastasis in a lymph node more than 3 cm in greatest dimension with extranodal extension or multiple ipsilateral, or any contralateral, or bilateral node(s) with extranodal extension

### **Carcinoma of unknown primary – HPV/p16 positive**

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Metastasis in 1 to 4 lymph node(s) without definitive pathologic extranodal extension

pN1a Metastasis in 1 lymph node without definitive pathological extranodal extension

pN1b Metastasis in 2–4 lymph nodes without definitive pathological extranodal extension

pN2 Metastasis described as

1–4 lymph nodes with definitive pathologic extranodal extension or in >4 lymph nodes without definitive pathological extranodal extension

pN3 Metastasis in >4 lymph nodes with definitive pathological extranodal extension

### **Carcinoma of unknown primary – EBV positive**

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Unilateral metastasis, in cervical lymph node(s), and/or unilateral or bilateral metastasis in retropharyngeal lymph nodes, and 6 cm or less in greatest dimension,

above the caudal border of cricoid cartilage and without advanced pathological extranodal extension

pN2 Bilateral metastasis in cervical lymph node(s), 6 cm or less in greatest dimension, above the caudal border of cricoid cartilage and without advanced pathological extranodal extension

pN3 Metastasis in cervical lymph node(s) greater than 6 cm in dimension or extension below the caudal border of cricoid cartilage or advanced pathological extranodal extension

### **Salivary gland primary**

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Metastasis in 1–3 lymph node without definitive pathological extranodal extension

pN2 Metastasis in >3 lymph nodes or metastasis in any lymph node with definitive pathological extranodal extension

### **Head and neck skin carcinoma primary**

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension without extranodal extension

pN2 Metastasis described as:

pN2a Metastasis in a single ipsilateral lymph node, less than 3 cm in greatest dimension with extranodal extension or, more than 3 cm but not more than 6 cm in greatest dimension without extranodal extension

pN2b Metastasis in multiple ipsilateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension

pN2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension

pN3 Metastasis described as:

pN3a Metastasis in a lymph node more than 6 cm in greatest dimension without extranodal extension

pN3b Metastasis in a lymph node more than 3 cm in greatest dimension with extranodal extension or multiple ipsilateral, or any contralateral or bilateral node(s) with extranodal extension

**Malignant melanoma of the upper aerodigestive tract**

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Regional lymph node metastasis