UICC 8th Edition Errata – 28th of January 2019

PREFACE

Current:
P XII Para 4
A TNM homepage with Frequently Asked Questions (FAQs) and a form for submitting questions or comments on the TNM can be found at: http://www.uicc.org.

Suggestion:
A TNM homepage with Frequently Asked Questions (FAQs) and a form for submitting questions or comments on the TNM can be found at: http://www.uicc.org. Readers are also encouraged to go to http://www.uicc.org for updates and errata.

pXVII Line 14 Breast E. Van Eycken (not Eckyen) Correction

P3 L9 facilitates not facilitating

P4 L10 ...pretreatment clinical classification designated...

P8 L11 in a lymph node are classified as N1a (clinically occult) or N2a

P18 L2 C02-06 not C02-006 correction

L16 Oral Cavity [C02.0-C02.3, C02.9, C03-C06]* Correction and note added below

L23 (C03.14-
replace with [C03.1] correction

L25 5. Tongue
(i) Dorsal surface and lateral borders anterior to vallate papillae (anterior two-thirds) (C02.0, 1)
(ii) Inferior (ventral) surface (C02.2)
6. Floor of mouth (C04)
Note

*Lingual Tonsil CO2.4 is classified in the oropharynx*

P19 L 12 T3 Tumour more than 2 cm but not more than 4 cm in greatest dimension and depth of invasion more than 10 mm or tumour more than 4 cm in greatest dimension and not more than 10 mm depth of invasion

L16 T4a (oral cavity) Tumour more than 4 cm in greatest dimension and more than 10 mm depth of invasion or tumour invades through the cortical bone of the mandible or maxilla or involves the maxillary sinus, or invades the skin of the face.

Correction and clarity

P20 L 1 extra-nodal not extranodal hyphen wrong place

Pages 20, p27, p34, p38, p41, and p49 Missing or less

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

P 22 L1 Number “9” should be added

Pharynx

*ICD-O-3 C01, CO2.4, C05.1-2, C09, C10.0, 2-3, 9, C11-13*

CO2.4 & 9 missing

L14 Oropharynx (ICD-0-3 C01, CO2.4, C05.1-2, C09.0-1, 9, C10.0, 10.9, 2-3)

1. Anterior wall (glosso-epiglottic area)
   (i) Base of tongue (posterior to the vallate papillae or posterior third) (C01)
   (ii) Vallecula (C10.0)
   (iii) Lingual Tonsil (C02.4)

P24 L17 ...see page 23 Bracket missing
Change oesophagus to oesophageal mucosa

T3  Tumour more than 4 cm in greatest dimension, or with fixation of hemilarynx or extension to oesophageal mucosa

Change for clarity

P25  skull base, cervical vertebra  missing comma

P26  Bilateral metastases in cervical lymph nodes  not lymph node(s)

P28  Stage III  T4  Any N  M0  Add N

L11  Stage I  T1, T2  N0, N1  M0  Add N

L14  Stage II  T1, T2  N2  M0

T3, T4  N0, N1  M0  Add T4

L24/25  Delete second IVA

Stage IVA  T4  N0, N1, N2  M0

Stage IVA  Any T  N3  M0

P33  T4a palatoglossus  spelling- one word

P 33  L 5

N-Regional lymph Nodes  NX and N0 are missing

NX  Regional lymph nodes cannot be assessed

N0  No regional lymph node metastasis

P35  L14/15  Delete (e.g. anatomical station)

P 40  L14  N1  Metastasis in a single ipsilateral lymph node, 3 cm or less
in greatest dimension without extranodal extension
N2 Metastasis as described below:
N2a Metastasis in a single ipsilateral lymph node, more than 3 cm but not more than 6 cm in greatest dimension without extranodal extension

Delete ipsilateral

N2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension

Delete contralateral

The pT category corresponds to the clinical T category.
There is no T category

N1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension without extranodal extension
N2 Metastasis as described below:
N2a Metastasis in a single ipsilateral lymph node, more than 3 cm but not more than 6 cm in greatest dimension without extranodal extension

Delete ipsilateral

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

Delete contralateral

pN2 Metastasis in 5 or more lymph nodes - not node(s)

pN0 Histological examination of a ..... Delete pN0

insert below M0

M1 Distant metastases M1 Missing

Tis Carcinoma in situ
N-Regional lymph Nodes

NX  Regional lymph nodes cannot be assessed

N0  No regional lymph node metastasis

Separate stage groupings are recommended for papillary and follicular (differentiated), medullary, and anaplastic (undifferentiated) carcinomas.

Delete second stage IVB

Stage IVA  T1,T2,T3a  N0  M0
Stage IVB  T1,T2,T3a  N1  M0
Stage IVB  T3b,T4a,T4b  N0,N1  M0
Stage IVC  Any T  Any N  M1

Prognostic Factors Grid

Uniformity

replace cancer with carcinoma

Medullary Carcinoma instead of cancer

Delete second IVA

Stage IVA  T4a,T4b  Any N  M0
Stage IVA  Any T  N3  M0
Stage IVB  Any T  Any N  M1

Stage IVB  Any T  Any N  M1
<table>
<thead>
<tr>
<th>Page</th>
<th>Line</th>
<th>Text</th>
</tr>
</thead>
</table>
| 61   | 21   | Group IB  
|      |      | T1a    N0 M0 2 | Delete comma |
|      |      | T1b    N0 M0 1,2, X | Add X |
| 30   |      | Group IIIA  
|      |      | T1    N2 M0 Any |
|      |      | T2    N1 M0 Any |
|      |      | T3    N0 M0 Any | Delete |

| 65   | 2   | The pT and pN categories  
|      |      | T missing |
| 8    |      | Clinical Stage  
|      |      | Add Stage 0 |

| 66   | 66  | Prognostic Factors Grid |
|      |      | Uniformity |
| 24   |      | Reference |
|      |      | Gastric Cancer 2017; 20: 217-225 |
|      |      | Reference update |

| 68   | 5 + 6 | There should be a bar at the left-hand-side of T3 |

| 72   | 24   | Stage IVA  
|      |      | Any T Any N M1a Any G | Change NO to any N |
|      |      | Add Any G |
|      |      | Any T Any N M1b G1 | Change NO to any N |

| 77   | 7    | the anal margin (ICD-O-3 C44.5) are... | add -3 |
| 80   | 30/31| T4 Tumor(s) involving a major branch of the portal or hepatic vein or with direct invasion... | add or |
| 82   | 28   | Manganese superoxide dismutase. | NOT magnesium |
Stage 0  Tis  N0  M0  \textit{Stage 0 missing}

(ICD-O-3 C23.9 and C24.0)  \textit{.9 missing}

No regional lymph node metastases  \textit{N0 missing}

Prognostic Factors Grid  \textit{Uniformity}

\textbf{ICD-O-3 C24.1}  \textit{add -3}

Tumour invades pancreas or peripancreatic tissue  \textit{or peripancreatic tissue missing}

Metastasis in 1 to 3 regional lymph nodes  \textit{revision in numbers}

Metastasis in 4 or more regional lymph nodes  \textit{numbers}

Stage IIIB  Any T  N2  M0  \textit{Delete second Stage IIIB}

Stage IIIB  T4  Any N  M0

Tumour greater than 0.5 cm and no more than 1 cm in greatest dimension

T3 Tumour and more than 4 cm.  \textit{Delete and}

N1 .... 1 to 3 regional lymph node(s)  \textit{Optional s missing}

N2 .... 4 or more regional lymph nodes  \textit{should be pleural}

Tumour invades lamina propria mucosa or submucosa and 1 cm or less in greatest dimension  \textit{For consistency}
Tumour invades lamina propria mucosa or submucosa and 1 cm or less in greatest dimension

For consistency

However, if no tumour is present in the adhesion, microscopically, the tumour should be classified as pT1-3 as appropriate.

For clarity

Tumour invades adjacent organs (stomach, spleen, colon, adrenal gland) or the wall of large vessels (coeliac axis or the superior mesenteric artery)

rewritten

Hepatic metastasis only delete (is)
Extrahepatic metastasis only delete (is)
Hepatic and extrahepatic metastases

add 

Tumour involves ipsilateral parietal or visceral pleura only, with or.... or visceral deleted only deleted

Add brackets

Thymus Tumours

Lower case for consistency

The staging grading of bone and soft tissue tumours ...

Correction

should be pleural
Stage IVB

Any T  
Any N0 
M1b  
Any G

Stage IVB not needed. Any N correct not N0

P 124  L1  (ICD-O-3 C38.1, 2, 3, C47-49)  3 should be add

L21  Sarcoma arising from the dura mater and brain. hollow viscera, or parenchymatous organs (with the exception of breast sarcomas). hollow... deleted as now in separate chapters

L23  Angiosarcoma, an aggressive sarcoma, is excluded because its natural history is not consistent with the classification.

Note  Cystosarcoma phyllodes is staged as a soft tissue sarcoma of the superficial trunk

P125  L21  T2   ... than 4cm in greatest dimension  —  dimension missing

P126  L21  Stage IIIB  T3, T4 N0 M0 G2, G3 High Grade  Delete second

Stage IIIB  AnyT  N1 M0 Any G  Any Grade  Stage IIIB

P127  L18/19

• Colon (C18)  rectosigmoid missing
• Rectosigmoid junction (19)
• Rectum (20)

P130  L1  Prognostic Factors Grid  Uniformity

P132  L25  Groin-trochanter-gulteal Sulcus sulcus  lower case
The following sites are identified by ICD-O-3 missing

Regional lymph nodes cannot be assessed. Should be inserted above N0 missing

ICD-O-3 C44.1 missing

Primary tumour cannot be assessed missing

Tumor > 20 mm in greatest dimension but more than 30 mm deleted

Preauricular not Perauricular spelling correction

*pTX includes shave biopsies and curettage that do not fully assess the thickness of the primary.

Note revised

Tumour 1 mm or less in thickness size revised

less than 0.8mm in thickness without ulceration

less than 0.8mm in thickness with ulceration or 0.8mm or more but no more than 1mm in thickness, with or without ulceration

If lymph nodes are identified with no apparent primary, the stage is as below:

Stage IIIB pT0 N1b, N1c M0 p missing

Stage IIIC pT0 N2b, N2c, N3b, N3c M0

T defined instead of any T
pN1b  Internal mammary lymph nodes not clinically detected

pN1c  Metastasis in 1-3 axillary lymph nodes and internal mammary lymph nodes not clinically detected

“not clinically detected” added for clarity

pN3a ‘Metastasis in 10 or more ipsilateral axillary lymph nodes (at least one larger than 2 mm) or metastasis in infraclavicular lymph nodes/level III lymph nodes’. /level III lymph nodes’ added

metastasis not metastases should be singular

add-3 -3 missing

(ICD-O-3 C53)

Definition of regional nodes changed

The regional lymph nodes are the paracervical, parametrial, hypogastric (internal iliac, obturator), common and external iliac, presacral, lateral sacral nodes and para-aortic nodes.*

*Note
In the 7th edition the para-aortic nodes were considered to be distant metastatic but to be consistent with advice from FIGO the para-aortic nodes are now classified as regional. Correction and note added

Notes

a  Extension to corpus uteri should be disregarded.

b  The depth of invasion should be taken from the base of the epithelium, either surface or glandular..

Vascular space involvement, venous or lymphatic, does not affect classification.

c  All macroscopically visible lesions even with superficial invasion are T1b/IB.

d  Vascular space involvement, venous or lymphatic, does not affect classification.

e  Bullous edema is not sufficient to classify a tumour as T4.
P 171  L1  **Uterus – Endometrium**

Add .0, 1, 3, 8, 9,

*(ICD-O-3 C54.0, 1, 3, 8, 9, C55)*  .0, 3, 8, 9, missing

P173  L29  Add C

Stage III C  T1, T2, T3  N1, N2  M0  C missing

P175  L3  add 54.1, 54.2

*(ICD-O-3 C53, 54, 55)*  55 missing

P 179  L27  sacral, para-aortic, and retroperitoneal, and inguinal nodes.

*Nodes revised inguinal nodes deleted*

P180  L10  Add fallopian tube  *Fallopian tube missing*

Tumour limited to one ovary (capsule intact) or fallopian tube; capsule intact, no tumour on ovarian surface or fallopian tube

P182  L11  Add M1a and M1b  *M1a and M1b missing*

**M1a** Pleural effusion with positive cytology

**M1b** Parenchymal metastasis and metastasis to extra-abdominal organs (including inguinal lymph nodes and lymph nodes outside the abdominal cavity)

L27  Delete IIC

*Stage IIC T2c N0 M0  T2c doesn’t exist*

P183  L17/18  New line and Tumour inserted  *Helps clarity*

Tumour angiogenesis
Tumour markers

p53 expression

≥ 10^5 serum hCG(IU/ml) > required

Definition of Tis revised and Ta added and notes simplified and added to, or perineural invasion added to T1a and T1b

Tis Carcinoma in situ (Penile intraepithelial neoplasia – PeIN)
Ta Noninvasive localized squamous cell carcinoma
T1 Tumour invades subepithelial connective tissue
T1a Tumour invades subepithelial connective tissue without lymphovascular invasion or perineural invasion and is not poorly differentiated
T1b Tumour invades subepithelial connective tissue with lymphovascular invasion or perineural invasion or is poorly differentiated

Note:
1 Including verrucous carcinoma
2 Glans: Tumour invades lamina propria
Foreskin: Tumour invades dermis, lamina propria or dartos fascia
Shaft: Tumour invades connective tissue between epidermis and corpora and regardless of location

Replace Extracapsular with Extraprostatic extension

T3a Extraprostatic extension (unilateral or bilateral) including microscopic bladder neck involvement

change in terminology

However, there is no pT1 category because there is insufficient tissue to assess the highest pT category. There are no sub-categories of pT2

Change for clarity

Gleason Sum Score

Correction
Stage II C: Any pT/TX  N3  M0  S0  C missing

T3a  Tumour extends into the renal vein or its segmental (muscle containing) branches, or tumour invades the pelvicalyceal system or tumour invades perirenal and/or renal sinus fat (peripelvic) fat but not beyond Gerota fascia

T3b  Tumour grossly extends into vena cava below diaphragm

T3c  Tumour grossly extends into vena cava above the diaphragm or invades the wall of the vena cava

Muscularis propria to replace muscle

T2  Tumour invades muscularis propria

T2a  Tumour invades superficial muscularis propria (inner half)

T2b  Tumour invades deep muscularis propria (outer half)

Replace N0 with Any N

Stage IVA  T4b  Any N  M0  Correction

Muscularis propria to replace muscle

T2  Tumour invades muscularis propria

T2a  Tumour invades superficial muscularis propria (inner half)

T2b  Tumour invades deep muscularis propria (outer half)

Clarification

The classification applies to carcinomas of the urethra (ICD-O-3 C68.0) and transitional cell carcinomas of the prostate (ICD-O-3 C61.9) and prostatic urethra.

Clarification of Tis – Tis pu combined with Tis pd

Tis pu  Carcinoma in situ, involving the prostatic urethra, periurethral or prostatic ducts without stromal invasion

Tis pd  Carcinoma in situ, involvement of prostatic ducts

Add -3  missing, Correction

The classification applies to carcinomas of the urethra (ICD-O-3 C68.0) and transitional cell carcinomas of the prostate (ICD-O-3 C61.9) and prostatic urethra.

Clarification of Tis – Tis pu combined with Tis pd

Tis pu  Carcinoma in situ, involving the prostatic urethra, periurethral or prostatic ducts without stromal invasion

Tis pd  Carcinoma in situ, involvement of prostatic ducts

Add -3  missing
Tumour invades the eyelid

Largest metastasis is 3 cm or less in greatest dimension

Largest metastasis is larger than 3 cm in greatest dimension but not larger than 8 cm

Largest metastasis is larger than 8 cm in greatest dimension

*Metastasis instead of metastases

*The stage groups are for malignant melanoma of the choroid and ciliary body but not of the iris.

*Raised instead of raided

* spelling totalling

CSF should be spelled out

Higher Clarity

without bone involvement

Spelling: without instead of with out
T2  Tumour more than 2 cm but not more than 4 cm in greatest dimension, limited to the lacrimal gland.