

UICC 8th Edition Errata – 12th of July 2024

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:

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

P3 L9 facilitates *not facilitating*

P4 L10 ...pretreatment clinical classification→ designated...
delete close bracket)

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 | L8 | T2 Tumour 2 cm or less in greatest dimension and more than 5 mm depth of invasion or tumour more than 2 cm but not more than 4 cm in greatest dimension and depth of invasion no more than 10 mm | <i>Correction</i> |
| | 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 (Lip and oral cavity) Tumour more than 4 cm in greatest dimension and more than 10 mm depth of invasion or (Lip)- Tumour invades through cortical bone, inferior alveolar nerve, floor of mouth, or skin (of the chin or the nose) (Oral Cavity) -Tumour invades through the cortical bone of the mandible or maxilla or involves the maxillary sinus, or invades the skin of the face | |
| | | T4b (Lip and oral cavity) Tumour invades masticator space, pterygoid plates, or skull base, or encases internal carotid artery | <i>Correction and clarity</i> |
| P20 | L 1 | extra-nodal not extran-odal | <i>hyphen wrong place</i> |

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, C02.4, C05.1-2, C09, C10.0, 2-3, 9, C11-13) | <i>C02.4 & 9 missing</i> |
|------|----|--|------------------------------|

| | | | |
|-----|----------------------|--|---------------------------|
| L14 | | Oropharynx (ICD-0-3 C01, C02.4, 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) Vallecule (C10.0) | |
| | | (iii) Lingual tonsil (C02.4) | |
| P24 | L17 | ...see page 23) | <i>Bracket missing</i> |
| | L23 | Change oesophagus to oesophageal mucosa | |
| | T3 | Tumour more than 4 cm in greatest dimension, or with fixation of hemilarynx or extension to oesophageal mucosa | <i>Change for clarity</i> |
| P25 | L1 | skull base, cervical vertebra | <i>missing comma</i> |
| P26 | L12 | Bilateral metastases in cervical lymph nodes | <i>not lymph node(s)</i> |
| P28 | L8 | Stage III T4 Any N M0 | <i>Add N</i> |
| | L11 | Stage I T1, T2 N0, N1 M0 | <i>Add N</i> |
| | L14 | Stage II T1,T2 N2 M0 | |
| | | T3, T4 N0,N1 M0 | <i>Add T4</i> |
| | L24/25 | Delete second IVA | |
| | Stage IVA | T4 N0, N1, N2 M0 | |
| | Stage IVA | Any T N3 M0 | |
| P33 | L1 | T4a palatoglossus | <i>spelling- one word</i> |

| | | | |
|------|--------|--|------------------------------|
| P 33 | L 5 | N-Regional lymph Nodes | <i>NX and NO are missing</i> |
| | | NX Regional lymph nodes cannot be assessed | |
| | | NO No regional lymph node metastasis | |
| P35 | L14/15 | Delete (e.g. anatomical station) | |
| P 37 | L24 | N-Regional lymph Nodes | <i>NX and NO are missing</i> |
| | | NX Regional lymph nodes cannot be assessed | |
| | | NO No regional lymph node metastasis | |
| 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 | <i>Delete ipsilateral</i> |
| | L22 | N2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension | <i>Delete contralateral</i> |
| P 41 | L5 | The pT category corresponds to the clinical T category. | There is no T category |
| | L14 | pN1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension without extranodal extension pN2 Metastasis as described below: pN2a Metastasis in a single ipsilateral lymph node, 3cm or less in greatest dimension with extranodal extension or more than 3cm but not more than 6cm in greatest dimension without extranodal extension | <i>Delete ipsilateral</i> |
| | L22 | pN2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension, without extranodal extension | <i>Delete contralateral</i> |

| | | | |
|------|-----|--|----------------------|
| P 42 | L20 | pN2 Metastasis in 5 or more lymph nodes - | <i>not node(s)</i> |
| P 43 | L19 | pN0 Histological examination of a | <i>Delete pN0</i> |
| | L23 | insert below M0 | |
| | | M1 Distant metastases | <i>M1 Missing</i> |
| P44 | L22 | Survivin | <i>NOT surviving</i> |
| P47 | L23 | insert below T0 | <i>Tis missing</i> |
| | | Tis Carcinoma in situ | |

P 48 L 5

N-Regional lymph Nodes

NX and N0 are missing

NX Regional lymph nodes cannot be assessed

N0 No regional lymph node metastasis

P53 L2 Separate stages groupings are recommended for papillary and follicular (differentiated), medullary, and anaplastic (undifferentiated) carcinomas. *s missing*

L24 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 |

| | | | | | | | | |
|------|------------|----------------------------------|-------------------------|---------------|---------------|----------------|--|--|
| P54 | L1 and L20 | Prognostic Factors Grid | | | | | | |
| | | | | | | | | <i>Uniformity</i> |
| | L20 | replace cancer with carcinoma | | | | | | |
| | | Medullary Carcinoma | | | | | | <i>instead of cancer</i> |
| P59 | L20 | <i>Delete second IVA</i> | | | | | | |
| | | Stage IVA | T4a,T4b | Any N | M0 | | | |
| | | Stage IVA | Any T | N3 | M0 | | | |
| | | Stage IVB | Any T | Any N | M1 | | | |
| | L37 | Stage IVB | AnyT | Any N | M1 | | | |
| | | | | | | | | <i>B missing from Stage IV last line</i> |
| P 61 | L21 | Group IB | T1a | N0 | M0 | 2, | | <i>Delete comma</i> |
| | | | T1b | N0 | M0 | 1,2, X | | <i>Add X</i> |
| | L30 | Group IIIA | T1 | N2 | M0 | Any | | |
| | | | T2 | N1 | M0 | Any | | |
| | | | T3 | N0 | M0 | Any | | <i>Delete</i> |
| P65 | L2 | The pT and pN categories | | | | | | <i>T missing</i> |
| | L8 | Clinical Stage | | | | | | <i>Add Stage 0</i> |
| | | Stage 0 | Tis | N0 | M0 | | | |
| P 66 | P66 | L1 | Prognostic Factors Grid | | | | | |
| | | | | | | | | <i>Uniformity</i> |
| | L24 | Reference | | | | | | |
| | | Gastric Cancer 2017; 20: 217-225 | | | | | | <i>Reference update</i> |

| | | | | |
|------|-----------|--|-----------------------|----------------------------------|
| P68 | L5 + 6 | There should be a bar at the left-hand-side of T3 | | |
| P72 | L24 | Stage IVA | Any T Any N M1a Any G | Change N0 to any N Add Any G |
| | | | Any T Any N M1b G1 | Change N0 to any N |
| P77 | L7 | the anal margin (ICD-O-3 C44.5) are... | | add -3 |
| P80 | L30/31 | T4 Tumor(s) involving a major branch of the portal or hepatic vein or with direct invasion.... | | add or |
| P82 | L 28 | Manganese superoxide dismutase. | | NOT magnesium |
| P84 | after L15 | add above stage I | | |
| | | Stage 0 Tis NO M0 | | Stage 0 missing |
| P85 | L1 | (ICD-O-3 C23.9 and C24.0) | | .9 missing |
| P89 | L26 | below NX add | | |
| | | N0 No regional lymph node metastases | | N0 missing |
| P90 | L20 | Prognostic Factors Grid | | |
| | | | | Uniformity |
| P91 | L2 | ICD-O-3 C24.1 | | add -3 |
| P 91 | L 28 | T3 Tumour invades pancreas or peripancreatic tissue | | |
| | | | | or peripancreatic tissue missing |
| P92 | L6/7 | N1 Metastasis in 1 to 3 regional lymph nodes | | revision in numbers |
| | | N2 Metastasis in 4 or more regional lymph nodes | | |

| | | | | | | | |
|------|--------|---|--|-------------|----------|--------------------------|----------------------|
| P92 | L26 | Stage IIIB Stage IIIB | Any T T4 | N2 Any N | M0 M0 | Delete second Stage IIIB | |
| P94 | L8 | T1b | Tumour greater than 0.5 cm and no more than 1 cm in greatest dimension | | | | add and no more than |
| | L13 | T3 | Tumour and more than 4cm. | | | | Delete and |
| | L21 | N1 | 1 to 3 regional lymph node(s) | | | | Optional s missing |
| | L22 | N2 | 4 or more regional lymph nodes | | | | should be plural |
| P96 | L16 | G1 | <2 | <3 | | Change ≤2 to <3 | |
| P97 | L6 | T1 | Tumour invades lamina propria mucosa or submucosa and 1 cm or less in greatest dimension | | | | For consistency |
| P99 | L6 | T1 | Tumour invades lamina propria mucosa or submucosa and 1 cm or less in greatest dimension | | | | For consistency |
| P99 | L20 | N1 | ...2 cm in sizes | | | | delete s |
| P100 | L18-19 | However, if no tumour is present in the adhesion, microscopically, the tumour should be classified as pT1-3 as appropriate. | | | | | For clarity |
| P102 | L28 | T4 | Tumour invades adjacent organs (stomach, spleen, colon, adrenal gland) or the wall of large vessels (coeliac axis or the superior mesenteric artery) | | | | rewritten |
| P103 | L7-9 | M1a | Hepatic metastasis only | | | | delete (is) |
| | | M1b | Extrahepatic metastasis only | | | | delete (is) |
| | | M1c | Hepatic and extrahepatic metastases | | | | |

| | | | | | | | |
|-------|-----|---|--|--|--|--|--|
| P113 | L2 | (ICD-O-3 C38.4) | | | | | <i>add -3</i> |
| | L21 | T1 Tumour involves ipsilateral parietal or visceral-pleura only, with or.... | | | | | <i>or visceral deleted only deleted</i> |
| P115 | L2 | (ICD-O-3 C37.9) | | | | | <i>Add brackets</i> |
| P116 | L2 | Thymus Tumours | | | | | <i>Lower case for consistency</i> |
| P119 | L18 | The staging-grading of bone and soft tissue tumours ... | | | | | <i>Correction</i> |
| P121 | L26 | T3b ...to pelvic segments - | | | | | <i>should be pleural</i> |
| P122 | L21 | Stage IVB Any T N1 Any M Any G Stage IVB Any T Any N0 M1b Any G | | | | | <i>Stage IVB not needed. Any N correct not N0</i> |
| P 124 | L1 | (ICD-O-3 C38.1, 2, 3, C47-49) | | | | | <i>3 should be add</i> |
| | L21 | Sarcoma arising from the dura mater and brain. hollow viscera, or parenchymatous organs (with the exception of breast sarcomas). | | | | | <i>hollow... deleted as now in separate chapters</i> |
| | 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 | | | | | <i>Note added</i> |

| | | | |
|------|--------|---|--------------------------------|
| 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 | <ul style="list-style-type: none"> Colon (C18) rectosigmoid missing Rectosigmoid junction (19) Rectum (20) | |
| P130 | L1 | Prognostic Factors Grid | Uniformity |
| P132 | L25 | Groin-trochanter-gulteal Sulcus sulcus | lower case |
| P136 | L13 | The following sites are identified by ICD-O-3 | -3 missing |
| P137 | L8 | NX Regional lymph nodes cannot be assessed. Should be inserted above N0 | NX missing |
| P139 | L2 | ICD-O-3 C44.1 | -3 missing |
| | L17 | TX Primary tumour cannot be assessed | TX missing |
| | L27 | T3 Tumour > 20 mm in greatest dimension but more than 30 mm | but more than 30 mm deleted |
| P141 | L 6 | Preauricular not Perauricular | spelling correction |
| P143 | L28 | pTis Melanoma in situ (Clark level I) | Tis definition revised |
| | | Note: *pTX includes shave biopsies and curettage that do not fully assess the thickness of the primary. | Note revised |

L31 pT1 Tumour 1 mm or less in thickness *size revised*
 pT1a less than 0.8mm in thickness without ulceration
 pT1b less than 0.8mm in thickness with ulceration or
 0.8mm or more but no more than 1mm in thickness,
 with or without ulceration

P145 L20 ***Note**

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

L23/24 Stage IIIB pT0 N1b, N1c M0 *p missing*
 Stage IIIC pT0 N2b, N2c, N3b, N3c M0

P149 L15 Stage IIIB T1, T2, T3, T4 N1b, N2, N3 M0 *T defined instead of
 any T*

P155 L34 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

P156 L9 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*

P162 L14 N1b **metastasis** not metastases *should be singular*

P166 L2 add-3 *-3 missing*

(ICD-O-3 C53)

L27 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

| | | |
|------|--------------|---|
| P168 | Notes | <p>^a Extension to corpus uteri should be disregarded.</p> <p>^b The depth of invasion should be taken from the base of the epithelium, either surface or glandular ...</p> <p>Vascular space involvement, venous or lymphatic, does not affect classification.</p> <p>^c All macroscopically visible lesions even with superficial invasion are T1b/IB.</p> <p>^d Vascular space involvement, venous or lymphatic, does not affect classification.</p> <p>^e Bullous oedema is not sufficient to classify a tumour as T4.</p> |
|------|--------------|---|

Deleted due to repetition

| | | |
|-------|-----|--|
| P 171 | L1 | <p>Uterus – Endometrium</p> <p>Add .0, 1, 3, 8, 9,</p> <p>(ICD-O-3 C54.0, 1, 3, 8, 9, C55) .0, 3, 8, 9, missing</p> |
| P173 | L29 | <p>Add C</p> <p>Stage IIIC T1, T2, T3 N1, N2 M0 <i>C missing</i></p> |
| P175 | L3 | <p>add 54.1, 54.2</p> <p>(ICD-O-3 C53, 54, 55) 55 missing</p> |
| P 179 | L27 | <p>sacral, para-aortic, and retroperitoneal nodes*.</p> <p>and inguinal nodes.</p> |

Nodes revised inguinal nodes deleted

***Note**

Including intra-abdominal nodes such as greater omental nodes

| | | | |
|----------|--------|---|-------------------------------|
| P180 | L10 | Add fallopian tube | <i>Fallopian tube missing</i> |
| | | 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 | <i>M1a and M1b missing</i> |
| | | 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 — NO — M0 <i>T2c doesn't exist</i> | |
| P183 | L17/18 | New line and Tumour inserted | <i>Helps clarity</i> |
| | | Tumour angiogenesis Tumour markers p53 expression | |
| P186 | L10 | Underscore added | |
| | | ≥10⁵ serum hCG(IU/ml) | <i>≥ required</i> |
| P188/189 | L21/22 | 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 carcinoma¹ T1 Tumour invades subepithelial connective tissue ² 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 | |

Notes:**¹Including 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 |

P192 L2 Replace Extracapsular with Extraprostatic extension

T3a **Extraprostatic** extension (unilateral or bilateral) including microscopic bladder neck involvement
change in terminology

L30

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

P193 L21 Gleason **Sum** Score *Correction*

P196 L27-31

pT1 Tumour limited to testis (**including rete testis**) and epididymis without vascular/lymphatic invasion **and without invasion of the epididymis.**

Correction

pT2 Tumour limited to testis with vascular/lymphatic invasion, **or invading hilar soft tissue or the epididymis** or tumour extending through tunica albuginea with involvement of **visceral** tunica vaginalis.

Correction

P198 L8 Stage **II C** Any pT/TX N3 M0 S0 *C missing*

P199 L25-30

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

Corrections

P 204 L25-28 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

P 205 L28 Replace N0 with Any N

Stage IVA T4b Any N M0 *Correction*

p208 L3,5 &6 add-3 *-3 missing, Correction*

(ICD-O-3 C53-C68.0, C61.9)

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.

L 30/31 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~~

p221 L2 add -3 *-3 missing*

(ICD-O-3 C69.3,4)

P220 L8 Tumour invades the eyelid uniformity

P224 4-7

M1a Largest metastasis 3 cm or less in greatest dimension

M1b Largest metastasis is larger than 3 cm in greatest dimension but not larger than 8 cm

M1c Largest metastasis is larger than 8 cm in greatest Dimension

Spelling - Metastasis instead of metastases

| | | | |
|------|-------------|--|--|
| P224 | L11 and L23 | add * and add note at end of table | * and <i>note missing</i> |
| | | Stage* | |
| | | Note | |
| | | *The stage groups are for malignant melanoma of the choroid and ciliary body but not of the iris. | |
| P227 | L3 | T3c Raised intraocular pressure with neovascularization ... | <i>Spelling- Raised instead of raided</i> |
| P227 | L32 | single I in totaling | <i>spelling</i> |
| | | totalling | |
| P228 | L18 | pM1b Metastasis to CNS parenchyma or cerebrospinal fluid | <i>CSF should be spelled out</i> |
| P229 | L13-1 | Higher UICC | |
| | | T category | <i>Clarity</i> |
| P232 | L20 | T1b Periosteal involvement without bone involvement | <i>Spelling: without instead of with out</i> |
| P232 | L23 | delete limited to lacrimal gland | <i>change for clarity</i> |
| | T2 | Tumour more than 2 cm but not more than 4 cm in greatest dimension, limited to the lacrimal gland | |