

Prostate Cancer Histopathology Reporting Proforma (Radical Prostatectomy)



Includes the  International Collaboration on Cancer reporting dataset denoted by *

Family name

Given name(s)

Date of birth

Indigenous Status

- Aboriginal but not Torres Strait Islander origin
- Torres Strait Islander but not Aboriginal origin
- Both Aboriginal and Torres Strait Islander origin
- Neither Aboriginal nor Torres Strait Islander origin
- Not stated/inadequately described

Patient identifiers

e.g. MRN, IHI or NHI (please indicate which)

Date of request

S1.03 Accession number

Requesting doctor - name and contact details

Clinical information

*Previous history of prostate cancer (*include Gleason grade & score of prev. specimens if known*)

*Previous biopsy (*specify date and where*)

*Previous therapy

*Other

*PRE-BIOPSY SERUM PSA

**NEW PRIMARY LESION OR RECURRENCE
(if previous focal therapy)**

- New primary
- Recurrence - regional, *describe*

- Recurrence - distant, *describe*

S1.04 PRINCIPAL CLINICIAN

G1.01 COMMENTS

Macroscopic findings

S2.01 SPECIMEN LABELLED AS

S2.02 *SPECIMEN WEIGHT (IE WEIGHT OF PROSTATE WITHOUT SEMINAL VESICLES)

G2.01 *SPECIMEN DIMENSIONS (PROSTATE)

 x x

S2.03 *SEMINAL VESICLES

- Absent
- Present (partially or completely resected)

G2.02 MAXIMUM DIMENSION OF SEMINAL VESICLE

- Left
- Right

S2.04 *LYMPH NODES

- Absent
- Present (partially or completely resected)

G2.03 *LATERALITY

- Left
- Right
- Bilateral
- Other

S2.05 *BLOCK IDENTIFICATION KEY

G2.04 ADDITIONAL MACROSCOPIC COMMENTS

Microscopic findings

S3.01 *HISTOLOGICAL TUMOUR TYPE

	G3.01 % OF TYPE
<input type="checkbox"/> Adenocarcinoma (Acinar) ⇒	<input style="width: 50px;" type="text" value="%"/>
<input type="checkbox"/> Other, specify	
<input style="width: 150px;" type="text"/>	⇒ <input style="width: 50px;" type="text" value="%"/>
<input style="width: 150px;" type="text"/>	⇒ <input style="width: 50px;" type="text" value="%"/>
<input style="width: 150px;" type="text"/>	⇒ <input style="width: 50px;" type="text" value="%"/>

G3.04 *MAXIMUM SIZE OF DOMINANT NODULE

G3.02 TUMOUR LOCATION

Largest nodule located by quadrant

- Right anterior
- Right posterior
- Left anterior
- Left posterior

Largest nodule located by plane

- Apex
- Mid
- Base of prostate

Other nodules >10mm in diameter

- None identified
- Present

Location by plane and quadrant:

- | | |
|--|---|
| <input type="checkbox"/> Right anterior | <input type="checkbox"/> Apex |
| <input type="checkbox"/> Right posterior | <input type="checkbox"/> Mid |
| <input type="checkbox"/> Left anterior | <input type="checkbox"/> Base of prostate |
| <input type="checkbox"/> Left posterior | |

G3.03 *INTRAGLANDULAR EXTENT

- No tumour identified
- Tumour identified, specify value and units

__% __ mm __mL(cc)

__Other units, specify

S3.02 *HISTOLOGICAL GRADE (REFER P5)

*Gleason score

- Indeterminate, specify reason

*Primary pattern/grade

- 1 2 3 4 5

*Secondary pattern/grade

- 1 2 3 4 5

Tertiary pattern/grade (Only record for tertiary pattern 5. If present, record method used to determine tertiary grade.)

- Not identified
- Present, record methodology

Indicate how Gleason score is being reported:

__ Largest tumour nodule present

__ Highest score tumour (if it is smaller than the largest)

__ Composite (global) score

***International Society of Urological Pathology (ISUP) Grade (Grade Group)**

- ISUP Grade (Grade Group) 1 (G. score ≤6)
- ISUP Grade (Grade Group) 2 (G. score 3+4=7)
- ISUP Grade (Grade Group) 3 (G. score 4+3=7)
- ISUP Grade (Grade Group) 4 (G. score 8)
- ISUP Grade (Group Group) 5 (G. score 9-10)
- Indeterminate, *specify reason*

Indicate how *ISUP* score is being reported:

- Largest tumour nodule present
- Highest score tumour (if it is smaller than the largest)
- Composite (global) score

G3.05 *PERCENTAGE GLEASON PATTERN 4/5 (APPLICABLE FOR GLEASON SCORE ≥7)

 %

Not identified

Indicate how *G. score* 4/5 is being reported:

- Largest tumour nodule present
- Highest score tumour (if it is smaller than the largest)
- Carcinoma as a whole

S3.03 *EXTRAPROSTATIC EXTENSION

- Not identified Present Indeterminate



S3.04 *EXTENT OF EPE

- Established (Non-focal) Focal

G3.06 *LOCATION(S) OF EPE

S3.05 *MARGIN STATUS

- Not involved
- Indeterminate
- Involved



S3.06 *LOCATION(S) OF +VE MARGIN(S)

G3.07 *EXTENT OF MARGIN POSITIVITY (If > 1 positive margin, extent should reflect cumulative length)

- <3 mm linear extent
- ≥3 mm linear extent

G3.08 *GLEASON PATTERN OF TUMOUR PRESENT AT POSITIVE MARGIN (If >1 pattern at margin select highest)

- Gleason pattern 3
- Gleason pattern 4/5

G3.09 *TYPE OF MARGIN POSITIVITY

- Extraprostatic (EPE)
- Intraprostatic (capsular incision)

S3.07 *SEMINAL VESICLE INVASION

- Not applicable (*Refers to rare cases where seminal vesicles are not included in specimen)
- Not identified
- Present



G3.10 SITE OF SVI

- Left side
- Right side
- Both sides

S3.08 *URINARY BLADDER NECK INVASION

- Not applicable (*Refers to cases where bladder neck is not included in specimen)
- Not identified
- Present

G3.11 *INTRADUCTAL CARCINOMA OF PROSTATE

- Not identified
- Present

S3.09 *LYMPH NODES STATUS

***Number of lymph nodes examined**

***Number of positive lymph nodes**



G3.12 ***LATERALITY**

- Left Right
 Bilateral Other

G3.13 ***MAXIMUM DIMENSION OF LARGEST DEPOSIT**

 mm

S3.10 *LYMPHOVASCULAR INVASION

- Not identified
 Present
 Indeterminate

G3.14 **ADDITIONAL MICROSCOPIC COMMENT**

Synthesis and overview

S5.01 *PATHOLOGICAL STAGING (AJCC 8TH EDITION) (refer p5)**

***Primary tumour (T)**

***Regional lymph nodes (N)**

***Distant metastasis (M)** Not applicable
OR

S5.02 YEAR AND EDITION OF STAGING SYSTEM

G5.01 DIAGNOSTIC SUMMARY

Include specimen type, tumour type, Gleason score and/or ISUP grade, tumour stage, involvement of surgical margins

S5.03 OVERARCHING COMMENT

G5.02 PROSTATE CANCER (RADICAL PROSTATECTOMY) STRUCTURED REPORTING PROTOCOL (3rd Edition 2018)

Worksheet prepared by:

On:

 DD - MM - YYYY

HISTOLOGICAL GRADE

ISUP grading system, radical prostatectomy specimens

ISUP grade (Grade group)	Gleason score	Definition
Grade 1	2-6	Only individual discrete well-formed glands
Grade 2	3+4=7	Predominantly well-formed glands with lesser component (*) of poorly-formed/fused/cribriform glands
Grade 3	4+3=7	Predominantly poorly-formed/fused/cribriform glands with lesser component (**) of well-formed glands
Grade 4	4+4=8	Only poorly-formed/fused/cribriform glands
	3+5=8	Predominantly well-formed glands and lesser component (*) lacking glands
	5+3=8	Predominantly lacking glands and lesser component (**) of well-formed glands
Grade 5	9-10	Lack gland formation (or with necrosis) with or without poorly formed/fused/cribriform glands

* A high-grade pattern is included in the grade only if it is at least 5%. If less than 5%, it should be mentioned separately in the report.

** The low-grade pattern is included in the grade only if it is at least 5%.

Gleason scoring of unusual patterns

Pattern	Morphology	Comment
Vacuoles	Cytoplasmic change seen in all grades	Grade as if vacuoles were absent, on the underlying architecture
Mucin extravasation		Grade based on glandular architecture
Mucinous fibroplasia	Collagenous micronodules	Grade based on glandular architecture
Glomeruloid structures		Grade as 4
Foamy gland change		Grade based on glandular architecture
Small cell neuroendocrine		Do not assign a grade

PATHOLOGICAL STAGING (AJCC 8TH EDITION)**

m - multiple primary tumours

r - recurrent

y - post neoadjuvant therapy

Primary tumour (pT)

TX Primary tumour cannot be assessed

T0 No evidence of primary tumour

T2 Organ confined

T3 Extraprostatic extension

T3a Extracapsular extension (unilateral or bilateral) or microscopic invasion of bladder neck

T3b Tumour invades seminal vesicle(s)

T4 Tumour is fixed or invades adjacent structures other than seminal vesicles such as external sphincter, rectum, levator muscles, and/or pelvic wall

Regional lymph nodes (pN)

NX Regional lymph nodes were not assessed

N0 No regional lymph nodes

N1 Metastases in regional lymph node(s)

Distant metastasis (pM)*

M1 Distant metastasis

M1a Non-regional lymph node(s)

M1b Bone(s)

M1c Other site(s) with or without bone disease

* Note: When more than 1 site of metastasis is present, the most advanced category is used. pM1c is the most advanced category.

** Used with the permission of the American Joint Committee on Cancer (AJCC), Chicago, Illinois. The original source for this material is the AJCC Cancer Staging Manual, Seventh Edition (2010) published by Springer Science and Business Media LLC, www.springerlink.com.