

Prostate Cancer (Transurethral Resection and Enucleation) Structured Pathology Reporting Proforma



Includes the  International Collaboration on Cancer reporting dataset denoted by *

Family name

Given name(s)

Date of birth

Patient identifiers

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

Date of request

S1.03 Accession number

Requesting doctor - name and contact details

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

Clinical information

*Previous history of prostate cancer (*including the Gleason grade and score of previous specimens if known*)

*Previous biopsy (*specify date and where performed*)

*Previous therapy (*specify*)

*Other (*specify*)

*OPERATIVE PROCEDURE

- Transurethral resection
- Enucleation (suprapubic/simple/open prostatectomy)

*PRE-PROCEDURE SERUM PSA

*CLINICAL STAGE

S1.04 PRINCIPAL CLINICIAN CARING FOR THE PATIENT

G1.01 COMMENTS

Macroscopic findings

S2.01 SPECIMEN LABELLED AS

S2.02 *SPECIMEN WEIGHT

	g
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G2.01 *SPECIMEN DIMENSIONS (Enucleation/ suprapubic/ open prostatectomy specimens)

length mm	x	width mm	x	thickness mm
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S2.03 *BLOCK IDENTIFICATION KEY

G2.02 ADDITIONAL MACROSCOPIC COMMENTS

Microscopic findings

S3.01 *HISTOLOGICAL TUMOUR TYPE

Adenocarcinoma (Acinar)

Other, *specify*

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S3.02 *HISTOLOGICAL GRADE (REFER P3)

*Gleason score

Indeterminate, *specify reason*

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*Primary pattern/grade

1 2 3 4 5

*Secondary pattern/grade

1 2 3 4 5

*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*

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S3.03 *PROSTATIC TISSUE INVOLVED BY TUMOUR (This should be an estimate <5% and then 10% increments Complete 1 or both of the following)

Prostatic tissue involved by tumour measured on the basis of area (TURP or enucleation/ suprapubic prostatectomy specimens)

	%
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OR

Prostatic tissue involved by tumour measured on the basis of number of chips (TURP specimens only)

	%
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G3.01 *PERCENTAGE GLEASON PATTERN 4/5 (APPLICABLE FOR GLEASON SCORE ≥ 7)

	%
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Not identified

G3.02 *PERINEURAL INVASION

- Not identified
 Present

G3.03 *SEMINAL VESICLE INVASION

- Not identified
 Present

G3.04 *LYMPHOVASCULAR INVASION

- Not identified
 Present

G3.05 *EXTRAPROSTATIC EXTENSION

- Not identified
 Present

G3.06 ***INTRADUCTAL CARCINOMA OF PROSTATE (IDC-P)**

- Not identified
 Present

G3.07 ***COEXISTENT PATHOLOGY**

- None identified
 Present, *specify*

G3.08 **ADDITIONAL MICROSCOPIC COMMENT**

Synthesis and overview

G5.01 **DIAGNOSTIC SUMMARY**

Include specimen type, tumour type, Gleason score and/or ISUP grade

S5.01 OVERARCHING COMMENT

G5.02 **PROSTATE CANCER (Transurethral Resection and Enucleation) STRUCTURED REPORTING PROTOCOL (1st Edition 2018)**

HISTOLOGICAL GRADE

ISUP grading system, core/needle biopsies and transurethral resection of the prostate (TURP) 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 <u>component</u> (*) 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 (or with necrosis)
	5+3=8	Predominantly lacking glands (or with necrosis) 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

* Any component of the high-grade pattern (i.e. even if less than 5%) is included in the grade.

** 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

Worksheet prepared by:

On: