

Prostate Cancer (CORE/NEEDLE BIOPSY) 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*)

*PRE-BIOPSY SERUM PSA

*CLINICAL STAGE

S1.04 PRINCIPAL CLINICIAN CARING FOR THE PATIENT

G1.01 COMMENTS

Macroscopic findings

S2.02 *BLOCK IDENTIFICATION KEY

G2.01 ADDITIONAL MACROSCOPIC COMMENTS

Microscopic findings - CASE LEVEL

S3.02 *HISTOLOGICAL TUMOUR TYPE

Adenocarcinoma (Acinar)

Other, *specify*

S3.03 *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

*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*

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

 %

Not identified

S3.04 *TUMOUR EXTENT^

Number of positive cores (≥ 5 mm)/total number of cores

 /

AND

Length of tissue involved by carcinoma

 mm

OR

Linear extent of prostatic tissue involved by carcinoma

 %

S3.05 *PERINEURAL INVASION^

Not identified

Present

G3.02 *SEMINAL VESICLE INVASION^

Not identified

Present

S3.06 *LYMPHOVASCULAR INVASION^

Not identified

Present

S3.07 *EXTRAPROSTATIC EXTENSION (EPE)^

Not identified

Present



G3.03 *LOCATION(S) OF EPE

Right base

Right mid

Right apex

Left base

Left mid

Left apex

Other, *specify*

S3.08 *INTRADUCTAL CARCINOMA OF PROSTATE (IDC-P)^

Not identified

Present

G3.04 *COEXISTENT PATHOLOGY^

None identified

Present, *specify*

^ This element should be recorded for each positive specimen. Negative findings can be recorded per specimen or they can be recorded in the Summary.

G3.05 ADDITIONAL MICROSCOPIC COMMENT

Synthesis and overview

G5.01 DIAGNOSTIC SUMMARY

Tumour Type	
Location	
Gleason Score:	
Highest	
Composite*	
Perineural invasion	
Lymphovascular invasion	
Extraprostatic extension	
Intraductal ca. of prostate	
Comment	

*Optional

S5.01 OVERARCHING COMMENT

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G5.02 PROSTATE CANCER (CORE NEEDLE BIOPSY) STRUCTURED REPORTING PROTOCOL (2nd 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