**Prostate Cancer Histopathology Reporting Guide**

**Radical Prostatectomy Specimen**

<table>
<thead>
<tr>
<th>Family/Last name</th>
<th>Date of birth</th>
<th>Given name(s)</th>
<th>Date of request</th>
<th>Accession/Laboratory number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DD – MM – YYYY</td>
<td></td>
<td>DD – MM – YYYY</td>
<td></td>
</tr>
</tbody>
</table>

Elements in **black text** are REQUIRED. Elements in **grey text** are RECOMMENDED.

### CLINICAL INFORMATION

- **SELECT ALL THAT APPLY**
  - Not provided
  - 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

- ng/mL

### SPECIMEN WEIGHT

- (weight of the prostate gland without the seminal vesicles)
  - g

### SPECIMEN DIMENSIONS

- (of the prostate gland)
  - length mm
  - width mm
  - depth mm

### SEMINAL VESICLES

- Absent
- Present (partially or completely resected)

### LYMPH NODES

- Absent
- Present (partially or completely resected)
  - Laterality
    - Left
    - Right
    - Bilateral
    - Other

### BLOCK IDENTIFICATION KEY

(First overleaf or separately with an indication of the nature and origin of all tissue blocks)

### HISTOLOGICAL TUMOUR TYPE

- **SELECT ALL THAT APPLY**
  - Adenocarcinoma (Acinar, usual type)
  - Other, specify

### HISTOLOGICAL GRADE

**Gleason score**

- Indicate how Gleason score is being reported:
  - Largest tumour nodule present
  - Highest score tumour (if it is smaller than the largest)
  - Composite (global) score

- **Primary pattern/grade**
  - 1
  - 2
  - 3
  - 4
  - 5

- **Secondary pattern/grade**
  - 1
  - 2
  - 3
  - 4
  - 5

- **Tertiary pattern/grade** (if present and higher than primary and secondary grade)
  - 1
  - 2
  - 3
  - 4
  - 5

- Indeterminate, specify reason

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

- Indicate how ISUP grade is being reported:
  - Largest tumour nodule present
  - Highest grade tumour (if it is smaller than the largest)
  - Composite (global) grade

- **ISUP Grade (Grade Group)**
  - Grade 1 (Gleason score ≤6)
  - Grade 2 (Gleason score 3+4=7)
  - Grade 3 (Gleason score 4+3=7)
  - Grade 4 (Gleason score 8)
  - Grade 5 (Gleason score 9-10)

- Indeterminate, specify reason

### Percentage Gleason pattern 4/5 (applied for Gleason scores ≥7)

- Indicate how Gleason pattern 4/5 is being reported:
  - Largest tumour nodule present
  - Highest score tumour (if it is smaller than the largest)
  - Carcinoma as a whole

- %
- Not identified
**LYMPHOVASCULAR INVASION**
- Not identified
- Present
- Indeterminate

**EXTRAPROSTATIC EXTENSION**
- Not identified
- Present
- Indeterminate

**SEMENAL VESICLE INVASION**
- Not identified
- Present
- Not applicable*
*Refers to cases where seminal vesicles are not included in specimen.

**URINARY BLADDER NECK INVASION**
- Not identified
- Present
- Not applicable*
*Refers to cases where bladder neck is not included in specimen.

**INTRADUCTAL CARCINOMA OF PROSTATE**
- Not identified
- Present

**MARGIN STATUS**
- Not involved
- Involved
- Indeterminate

**LYMPH NODE STATUS**
- Number of lymph nodes examined
- Number of involved nodes
- Laterality
- Maximum dimension of largest deposit

**PATHOLOGICAL STAGING (AJCC TNM 8th edition)**

**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 nodes were not assessed
- N0 No positive regional nodes
- N1 Metastases in regional node(s)

**Distant metastasis (pM)***
- Not applicable
- 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.

**Version 2.2 Published August 2017**

**Used with the permission of the American College of Surgeons, Chicago, Illinois. The original source for this information is the AJCC Cancer Staging Manual, Eighth Edition (2016) published by Springer Science+Business Media.**