Cervical Cancer Histopathology Reporting Proforma

Mandatory questions (i.e. protocol standards) are in bold (e.g. S1.01).

<table>
<thead>
<tr>
<th><strong>S1.01 Identification</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Family name</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Given name(s)</strong></td>
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<tr>
<td></td>
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<tr>
<td><strong>Date of birth</strong></td>
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<td></td>
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<tr>
<td><strong>Date of request</strong></td>
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<td></td>
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<tr>
<td><strong>Requesting doctor - name and contact details</strong></td>
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<table>
<thead>
<tr>
<th><strong>Tumour location</strong></th>
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<table>
<thead>
<tr>
<th><strong>Operative procedure</strong></th>
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<tbody>
<tr>
<td>Cone biopsy (laser cone or cold knife cone biopsy)</td>
</tr>
<tr>
<td>Radical trachelectomy</td>
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<tr>
<td>Hysterectomy</td>
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<tr>
<td>Radical hysterectomy</td>
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<tr>
<td>Other</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Accompanying specimens</strong></th>
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<tbody>
<tr>
<td>Lymph nodes</td>
</tr>
<tr>
<td>Other</td>
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<table>
<thead>
<tr>
<th><strong>Clinical diagnosis</strong></th>
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<table>
<thead>
<tr>
<th><strong>Previous biopsy or cytology results</strong></th>
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<table>
<thead>
<tr>
<th><strong>New primary or recurrence</strong></th>
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</thead>
<tbody>
<tr>
<td>New primary cancer</td>
</tr>
<tr>
<td>Distant metastasis</td>
</tr>
<tr>
<td>Local recurrence</td>
</tr>
<tr>
<td>Details:</td>
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<table>
<thead>
<tr>
<th><strong>Previous treatment</strong></th>
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<table>
<thead>
<tr>
<th><strong>Details of prior cancer diagnosis</strong></th>
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<table>
<thead>
<tr>
<th><strong>Family history</strong></th>
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<table>
<thead>
<tr>
<th><strong>Surgeon’s opinion on existence of local residual cancer</strong></th>
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<tr>
<th><strong>S1.04 Principal clinician</strong></th>
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Version 1.0 Proforma: Cervical Cancer Structured Reporting Protocol 1st Edition Page 1 of 8
### Macroscopic findings

#### Specimen labelled as

#### Orientation markers

#### Specimen – external appearance

#### SPECIMEN MEASUREMENTS

**Cone bx or radical trachelectomy**

- **Length of specimen**: mm
- **Length of canal**: mm
- **Diameter of ectocervix in 3-9 o’clock plane**: mm
- **Diameter of ectocervix in 6-12 o’clock plane**: mm

**Hysterectomy or radical hysterectomy**

- **Uterine dimensions**:
  - Superior to inferior x distance between cornu x anterior to posterior:
    - length mm x width mm x thickness mm

#### Description of uterus and accompanying organs/tissues

### TUMOUR 1

#### Tumour location within ectocervix/endocervix plane

#### Tumour location radially (clock-face)

#### Tumour size

- **length mm x width mm**

#### Tumour thickness

- **mm out of mm**

Record thickness from the tumour surface to deepest point of invasion out of the total cervical wall thickness in this region

#### Closest distance of tumour to resection margin

- **mm**

### TUMOUR 2

#### Tumour location within ectocervix/endocervix plane

#### Tumour location radially (clock-face)

#### Tumour size

- **length mm x width mm**

**length x width in mucosal surface area**

**Absent**

- **Present**

#### Description:

**Number of visible tumours**

- **mm**

**mm out of mm**

**Record thickness from the tumour surface to deepest point of invasion out of the total cervical wall thickness in this region**
TUMOUR 2 (cont.)

G2.04 Tumour appearance

S2.07 Tumour thickness

\[ \text{mm} \text{ out of } \text{mm} \]

Record thickness from the tumour surface to deepest point of invasion out of the total cervical wall thickness in this region

S2.08 Closest distance of tumour to resection margin

\[ \text{mm} \]

TUMOUR 3

G2.03 Tumour location within ectocervix/endocervix plane

Tumour location radially (clock-face)

S2.06 Tumour size

\[ \text{length mm} \times \text{width mm} \]

length x width in mucosal surface area

G2.04 Tumour appearance

S2.07 Tumour thickness

\[ \text{mm} \text{ out of } \text{mm} \]

Record thickness from the tumour surface to deepest point of invasion out of the total cervical wall thickness in this region

S2.08 Closest distance of tumour to resection margin

\[ \text{mm} \]

G2.05 Distance between tumours

Outermost span of tumours

\[ \text{mm} \]

S2.09 Macroscopic invasion

Vaginal cuff
Uterine body
Parametrium
Other organs or tissues

S2.10 Nature and site of blocks
Lymph nodes
Not submitted [ ]
Submitted [ ]

Site 1 (including laterality)

Total number of nodes

- Macroscopically does not appear involved [ ]
- Macroscopically appears involved [ ]

Site 2 (including laterality)

Total number of nodes

- Macroscopically does not appear involved [ ]
- Macroscopically appears involved [ ]

Site 3 (including laterality)

Total number of nodes

- Macroscopically does not appear involved [ ]
- Macroscopically appears involved [ ]

Other macroscopic description

Microscopic findings

Multiple tumours

Number of tumours

Histological tumour type (refer p8)

Carcinoma subtype (if applicable)

Histological tumour grade - adenocarcinoma (if applicable)

Well differentiated (grade 1) [ ]
Moderately differentiated (grade 2) [ ]
Poorly differentiated (grade 3) [ ]

Histological tumour grade - SCC (if applicable)

G3.01 Carcinoma subtype (if applicable)

Histological tumour grade - adenocarcinoma (if applicable)

Histological tumour grade - SCC (if applicable)
**TUMOUR 3**

**S3.02 Histological tumour type** (refer p8)

---

**G3.01 Carcinoma subtype (if applicable)**

---

**S3.03 Histological tumour grade - adenocarcinoma** (if applicable)

- Well differentiated (grade 1)
- Moderately differentiated (grade 2)
- Poorly differentiated (grade 3)

---

**S3.05 Maximum microscopic depth of invasion (most deeply invasive focus)**

- mm
- OR
- at least mm

**Depths of invasion of additional tumours**

| TUMOUR 1 | mm |
| TUMOUR 2 | mm |
| TUMOUR 3 | mm |

- OR
- From mm to mm

---

**G3.02 Histological tumour grade - SCC (if applicable)**

---

**S3.06 Greatest horizontal (transverse) measure of carcinoma**

- mm

---

**G3.05 Second horizontal (transverse) measurement of carcinoma**

- mm

If there are multiple foci of invasion with clearly separate individual points of origin, then separate measurements for S3.06 and G3.05 should be made and each tumour documented as a separate focus.

**TUMOUR 2**

**S3.06 Greatest horizontal (transverse) measure of carcinoma**

- mm

---

**G3.05 Second horizontal (transverse) measurement of carcinoma**

- mm

**TUMOUR 3**

**S3.06 Greatest horizontal (transverse) measure of carcinoma**

- mm

---

**G3.05 Second horizontal (transverse) measurement of carcinoma**

- mm

**G3.06 Tumour site(s)**

---

**G3.03 Cervical wall thickness (in the maximal area of invasion)**

- mm

---

**G3.04 Ulceration**

- Absent □
- Present □

---

**S3.07 Associated CIN**

- Absent □
- Present □

---

**S3.08 Associated AIS**

- Absent □
- Present □
### Involvement of other organs

<table>
<thead>
<tr>
<th>OR</th>
<th>Pelvic wall</th>
<th>Vagina - upper two thirds</th>
<th>Vagina - lower third</th>
<th>Mucosa of bladder</th>
<th>Mucosa of rectum</th>
<th>Uterine body</th>
<th>Other organs or tissues</th>
</tr>
</thead>
</table>

### Vascular invasion

<table>
<thead>
<tr>
<th>Type of vessel involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lymphatic</td>
</tr>
</tbody>
</table>

### MARGIN STATUS – INVASIVE COMPONENT

<table>
<thead>
<tr>
<th>Cone biopsy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endocervical (apical) margin</td>
</tr>
<tr>
<td>Involved</td>
</tr>
<tr>
<td>Closest distance of tumour to this margin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ectocervical margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved</td>
</tr>
<tr>
<td>Closest distance of tumour to this margin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Radial stromal margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved</td>
</tr>
<tr>
<td>Closest distance of tumour to this margin</td>
</tr>
</tbody>
</table>

### Radical trachelectomy

<table>
<thead>
<tr>
<th>Endocervical (superior) margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved</td>
</tr>
<tr>
<td>Closest distance of tumour to this margin</td>
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</table>

<table>
<thead>
<tr>
<th>Vaginal cuff margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved</td>
</tr>
<tr>
<td>Closest distance of tumour to this margin</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Radial stromal margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved</td>
</tr>
<tr>
<td>Closest distance of tumour to this margin</td>
</tr>
</tbody>
</table>

### Hysterectomy specimens

<table>
<thead>
<tr>
<th>Inferior margin (vaginal or cervical)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved</td>
</tr>
<tr>
<td>Closest distance of tumour to this margin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Radial stromal margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved</td>
</tr>
<tr>
<td>Closest distance of tumour to this margin</td>
</tr>
</tbody>
</table>

### Margin status - CIN

<table>
<thead>
<tr>
<th>Involved</th>
<th>Not involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved margins</td>
<td>Consider G3.09</td>
</tr>
</tbody>
</table>

### Margin status - AIS

<table>
<thead>
<tr>
<th>Involved</th>
<th>Not involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involved margins</td>
<td>Consider G3.10</td>
</tr>
</tbody>
</table>
### G3.10 Closest distance of AIS to this margin

mm

### S3.14 Parametrium

- Not applicable
- Not involved
- Involved

### G3.11 Nature of parametrial involvement

- Soft tissue
- Vascular

### S3.15 REGIONAL LYMPH NODE STATUS

**Site 1 (including laterality)**

- Not involved
- Involved

Number of involved nodes

out of

Number of involved nodes / Total number of nodes resected at this site

**Site 2 (including laterality)**

- Not involved
- Involved

Number of involved nodes

out of

Number of involved nodes / Total number of nodes resected at this site

**Site 3 (including laterality)**

- Not involved
- Involved

Number of involved nodes

out of

Number of involved nodes / Total number of nodes resected at this site

### G3.12 Largest nodal metastatic deposit

mm

### G3.13 Extranodal extension

- Absent
- Present

Greatest dimension from capsule

mm

### G3.14 Additional microscopic comment

Ancillary test findings

**G4.01 Immunohistochemistry**

- Not performed
- Pending
- Performed

Result

Interpretive comment

Other ancillary tests

- Not performed
- Pending
- Performed

Type of test 1 (eg FISH, cytogenetics)

Result

Interpretive comment
## Synthesis and overview

**G5.01** Diagnostic summary

Include histological type, differentiation if adenocarcinoma, depth of invasion, tumour size, margin assessment, blood vessel or lymphatic invasion if present, parametrial involvement if present, involvement of other organs if present, number of nodal metastases, out of total number of lymph nodes present.

### WHO histological classification of tumours of the uterine cervix

1. **Morphology code of the International Classification of Diseases for Oncology (ICD-O) and the Systematized Nomenclature of Medicine (http://snomed.org).**
   
   Behaviour is coded /0 for benign tumours, /2 for in situ carcinomas and grade 3 intraepithelial neoplasia, /3 for malignant tumours, and /1 for borderline or uncertain behaviour.

2. **Intraepithelial neoplasia does not have a generic code in ICD-O. ICD-O codes are only available for lesions categorized as squamous intraepithelial neoplasia grade 3 (e.g., cervical intraepithelial neoplasia grade 3 = 8077/2, squamous cell carcinoma in situ = 8070/2, glandular intraepithelial neoplasia grade 3 = 8148/2 and adenocarcinoma in situ = 8140/2.**

### Epithelial tumours

**Squamous tumours and precursors**

- Squamous cell carcinoma, not otherwise specified 8070/3
  - Keratinizing 8071/3
  - Non-keratinizing 8072/3
- Basaloid 8083/3
- Verrucous 8051/3
- Warty 8051/3
- Papillary 8052/3
- Lymphoepithelioma-like 8082/3
- Squamotransitional 8120/3

**Early invasive (microinvasive) squamous cell carcinoma** 8076/3

**Squamous intraepithelial neoplasia**

- Cervical intraepithelial neoplasia (CIN) 3 / squamous cell carcinoma in situ 8070/2
- Benign squamous cell lesions
  - Condylioma acuminatum
  - Squamous papilloma
  - Fibroepithelial polyp

### Glandular tumours and precursors

- Adenocarcinoma 8140/3
  - Mucinous adenocarcinoma 8480/3
  - Endocervical 8482/3
  - Intestinal 8144/3
  - Signet-ring cell 8490/3
  - Minimal deviation 8480/3
  - Villoglandular 8262/3
  - Endometrioid adenocarcinoma 8380/3
  - Clear cell adenocarcinoma 8310/3
  - Serous adenocarcinoma 8441/3
  - Mesonephric adenocarcinoma 9110/3
- Early invasive adenocarcinoma 8140/3
- Adenocarcinoma in situ 8140/2

### Other epithelial tumours

- Adenosquamous carcinoma 8560/3
- Glassy cell carcinoma variant 8015/3
- Adenoid cystic carcinoma 8200/3
- Adenoid basall carcinoma 8098/3

### Neuroendocrine tumours

- Carcinoid 8240/3
- Atypical carcinoid 8249/3
- Small cell carcinoma 8041/3
- Large cell neuroendocrine carcinoma 8013/3
- Undifferentiated carcinoma 8020/3

### Mesenchymal tumours and tumour-like conditions

- Leiomyosarcoma 8890/3
- Endometrioid stromal sarcoma, low grade 8931/3
- Undifferentiated endocervical sarcoma 8805/3
- Sarcoma botryoides 8910/3
- Alveolar soft part sarcoma 9581/3
- Angiosarcoma 9120/3
- Malignant peripheral nerve sheath tumour 9540/3
- Leiomyoma 8890/0
- Genital rhabdomyoma 8905/0
- Postoperative spindle cell nodule

### Mixed epithelial and mesenchymal tumours

- Carcinosarcoma (malignant müllerian mixed tumour; metaplastic carcinoma) 8980/3
- Adenosarcoma 8933/3
- Wilms tumour 8960/3
- Adenofibroma 9013/0
- Adenomyoma 8932/0

### Melanocytic tumours

- Malignant melanoma 8720/3
- Blue naevus 8780/0

### Miscellaneous tumours

- Tumours of germ cell type
  - Yolk sac tumour 9071/3
  - Dermoid cyst 9084/0
  - Mature cystic teratoma 9080/0

### Lymphoid and haematopoietic tumours

- Malignant lymphoma (specify type)
- Leukaemia (specify type)

### Secondary tumours

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