

A guide to histopathology reporting of excisions & colposcopic biopsies performed for the diagnosis and treatment of pre-invasive cervical neoplasia



Includes the  International Collaboration on Cancer reporting dataset elements denoted by *

Clinical details

| | |
|---|--|
| S1.02 Clinical information provided on request form (complete as narrative or use the structured format below) | Text |
| Procedure performed | See p2 |
| Colposcopic findings | Text |
| Location of any lesions | Text (clock-face) |
| HPV results | <ul style="list-style-type: none"> • HPV 16 detected • HPV 18 detected • Oncogenic HPV (not 16/18) detected • Oncogenic HPV not detected • Other, specify |
| Other relevant information | Text |
| LBC results | Text |
| Pertinent gynaecological procedure or treatment | Text |
| S1.03 Pathology accession number | Text |
| S1.04 Principal clinician | Text |
| G1.01 Comments | Text |

Macroscopic findings

| | |
|--|---------------------------------|
| S2.02 Specimen labelled as | Text |
| G2.01 Type of procedure | See p2 |
| S2.03 Orientation markers (Applicable to excision specimens) | Not present Present, specify |
| S2.04 SPECIMEN MEASUREMENTS | |
| Number of pieces (Report if more than 1 piece is received) | — |
| Maximum dimension (Report for Small Diagnostic Biopsies) Note: repeat for each piece received. | ___mm |
| Dimensions (Report for non-conical excision specimens and the below measurements are not possible) Note: repeat for each piece received. | ___x___x___mm |
| Length of canal (Report for conical excision specimens) Note: This is measured from the external os to the apex. | ___mm |
| Length of specimen (Report for conical excision specimens) | ___mm |
| Diameter of ectocervix (Report for unorientated, conical Loop/Laser excisions) | ___x___mm |
| Diameter of ectocervix in 3-9 o'clock plane (Report for orientated, conical excision specimens) | ___mm |
| Diameter of ectocervix in 6-12 o'clock plane (Report for orientated, conical excision specimens) | ___mm |

Macroscopic findings (cont.)

| | |
|--|----------------------------|
| G2.02 Specimen description | Text |
| S2.05 Macroscopically visible lesions (Applicable to excision specimens) If present, record No. of lesions | Absent Present — |
| G2.03 Other macroscopic description | Text |
| G2.04 Block identification key | Text |

Microscopic findings

| | |
|---|--|
| S3.01 Tissues present (Select all that apply) | Endocervical mucosa Squamous mucosa Other, specify |
| G3.01 Tissue artefact | See p2 |
| G3.02 Degree of epithelial loss | See p2 |
| REPORT THE FOLLOWING ELEMENTS ONLY IF CERVICAL CARCINOMA PRESENT | |
| S3.02 Cervical malignancy | Absent Present Text |
| S3.03 Multiple tumours | Absent Present Text |
| G3.03 *Tumour grade | G1: Well different. G2: Moderately diff. G3: Poorly different. GX: Can't be graded Not graded/applicable |
| S3.04 *TUMOUR DIMENSIONS Note: Repeat for each tumour identified. Note: ** It is advisable to include "at least" for the tumour measurements when tumour is present at an excision margin/s. If not applicable, delete "at least". | Tumour dimensions cannot be determined OR complete the following |
| Horizontal extent | ___mm (at least)** |
| Depth of invasion | ___mm (at least)** OR Not assessable |
| Thickness (If not assessable, record) | ___mm |
| S3.05 *Lymphovascular invasion | Present Not identified Indeterminate |
| S3.06 *MARGIN STATUS - INVASIVE DISEASE (Applicable to excision specimens) | See p3 |

Microscopic findings (cont.)

REPORT THE FOLLOWING ELEMENTS FOR ALL SPECIMENS

| | | |
|--------------|---|---|
| G3.07 | HSIL | Present Possible Not identified |
| G3.05 | HSIL Subtype | CIN2 CIN3 |
| G3.06 | HSIL Extent <i>(Applicable to excision specimens)</i> | Text |
| S3.08 | Endocervical Adenocarcinoma in situ (AIS) | Present Possible Not identified |
| G3.07 | AIS Extent <i>(Applicable to excision specimens)</i> | Text |
| G3.08 | Stratified Mucin-producing Intra-epithelial Lesion (SMILE) | Present Not identified |
| S3.09 | LSIL <i>(Applicable only if no HSIL/AIS or invasive carcinoma is present)</i> | Present Not identified |
| S3.10 | *MARGIN STATUS – PRE-INVASIVE DISEASE <i>(Applicable to excision specimens)</i> <i>Record only if HSIL or AIS identified in the specimen. Does not apply to LSIL.</i> <i>Note: 'Margin' refers to tissue edges in some specimens.</i> | Margin cannot be assessed, specify reason OR See p3 |
| G3.10 | Other relevant pathology | Text |
| G3.11 | Other microscopic comment | Text |

Ancillary test findings

| | | |
|--------------|-----------------------------|----------------------------|
| G4.01 | *Ancillary tests | Not performed Performed |
| | <i>If performed, record</i> | |
| | HPV testing | Text |
| | Immunohistochemistry | Text |
| | Other | Text |

Synthesis and overview

S5.01 CASE CATEGORISATION

Squamous component

- Malignant[^]
- HSIL
- Possible HSIL[^]
- LSIL
- Normal or Benign findings
- Not identified

Endocervical component

- Malignant[^]
- AIS
- Possible AIS[^]
- Normal or Benign findings
- Not identified

Other neoplastic lesion

(include this category only if required)

Text

For those marked[^] an explanatory comment must be added.

Text

G5.01 Diagnostic summary

Text

Include:

1.If malignant, the diagnostic summary should include:

- Tumour type
- Tumour size[^], **
- Depth of invasion[^], **
- Tumour grade (if reported)
- LVI if present
- Margin Status[^]

2.If non invasive disease is present, margin status should be reported for high grade lesions.

3.For benign specimens any relevant specific diagnosis or coexisting pathology should be reported.

[^]predominantly relate to excision specimens

** may require qualification ('at least') if margin(s) are positive.

S5.02 Overarching comment (if applicable)

Text

G5.02 Edition/version number of the RCPA protocol on which the report is based

Text

NOTES

S1.02/G2.01 Procedure

Multi select value list (select all that apply):

- Cervical biopsy

Cervical excision type

- Type 1
- Type 2
- Type 3

Cervical excision modality

- Electrosurgical excision eg Loop excision eg LLETZ, LEEP
- Cold-knife cone biopsy
- Laser cone biopsy
- Endocervical curettage
- Other, specify

Note: both type of excision and modality should be provided.

G3.01 Tissue artefact

Single selection value list:

- Absent
- Thermal
 - Minimal
 - Moderate
 - Extensive, impacting margin assessment
 - Extensive, impacting diagnostic assessment
 - Extensive, impacting both margin and diagnostic assessment
- Non-thermal artefact present, *specify*

G3.02 Degree of epithelial loss

Single selection value list:

- Minimal
- Moderate
- Extensive, impacting margin assessment
- Extensive, impacting diagnostic assessment
- Extensive, impacting both margin and diagnostic assessment

MARGIN STATUS

Invasive

| Margin | Involved | Cannot be assessed | Not involved | G3.04 Distance from tumour (mm) |
|---------------------|----------|--------------------|--------------|---------------------------------|
| Ectocervical | | | | |
| Endocervical | | | | |
| Radial/deep stromal | | | | |
| Unspecified** | | | | |

Pre-invasive

| Margin | HSIL | | | | AIS# | | | | Margin is not applicable to specimen |
|----------------------|----------|---------------------|--------------|------------------------------|----------|---------------------|--------------|------------------------------|--------------------------------------|
| | Involved | Cannot be assessed^ | Not involved | G3.09 Dist. from margin (mm) | Involved | Cannot be assessed^ | Not involved | G3.09 Dist. from margin (mm) | |
| Ectocervical | | | | | | | | | |
| Endocervical | | | | | | | | | |
| Radial /deep stromal | | | | | | | | | |
| Unspecified** | | | | | | | | | |

#Use for cases with SMILE

**Use for excisions where it is not possible to say whether the margin is ectocervical or endocervical

^In occasional cases where tumour involvement of the margin cannot be determined for various reasons (processing artefact, multiple pieces or poor tissue orientation), the margin status should be specified as "cannot be assessed" and the reason explained.