

A guide to Cervical Cancer Histopathology Reporting



Clinical details	
S1.02 Clinical information provided on request form	Text OR Structured entry as below:
Tumour location	Text
Operative procedure	Cone biopsy Radical trach. Hysterectomy Radical hysterec. Other
If other, describe	Text
Accompanying specimens	Lymph nodes Other
If other, describe	Text
Clinical diagnosis	Text
Previous bx or cytology results	Text
New primary or recurrence,	New primary cancer Local recurrence Distant metastasis
If local recurrence or distant metastasis, provide details	Text
Previous treatment	Text
Details of prior cancer diagnosis	Text
Family history	Text
Surgeon's opinion on existence of local residual cancer	Text
S1.03 Pathology accession number	Text
S1.04 Principal clinician	Text
G1.01 Other clinical info. received	Text

Macroscopic findings	
S2.02 Specimen labelled as	Text
S2.03 Orientation markers	Text
G2.01 Specimen-external appearance	Text
S2.04 SPECIMEN MEASUREMENTS	
Cone biopsy or radical trachelectomy specimen:	
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 specimen:	
Uterine dimensions	__x__x__mm
G2.02 Description of uterus and accompanying organs/tissues	Text
S2.05 Macroscopically visible tumour	Absent Present
If present, describe	Text

Macroscopic findings (cont.)	
S2.05 No. of visible tumours	___
IF TUMOUR VISIBLE, record the following:	
G2.03 Tumour location within ectocervix/endocervix plane	Text
Tumour location radially (clock-face)	Text
S2.06 Tumour size	__x__mm
G2.04 Tumour appearance	Text
S2.07 Tumour thickness (Record from the tumour surface to deepest point of invasion out of the total cervical wall thickness in this region)	__mm out of __mm
S2.08 Closest distance of tumour to resection margin	___mm
G2.05 Distance between tumours	___mm
Outermost span of tumours	___mm
S2.09 Macroscopic invasion	Vaginal cuff Uterine body Parametrium Other organ/tissue
If other organ/tissue, record details	Text
S2.10 Nature and site of blocks	Text
S2.11 Lymph nodes	Not submitted Submitted
If submitted, record for each site and laterality:	
Number of nodes	___
LN appears macroscopically involved?	No Yes
G2.06 Other macro. description	Text

Microscopic findings	
S3.01 Multiple tumours	Absent Present
If present, record no. of tumours	___
S3.02 Histological tumour type (record for <i>each</i> primary tumour identified)	See p3
G3.01 Carcinoma subtype	See p3
S3.03 Histological tumour grade - adenocarcinoma	Well diff. (grade 1) Moderate diff. (g 2) Poorly diff (g 3)
G3.02 Histological tumour grade - SCC	Text

Microscopic findings (cont.)		
S3.05	Maximum microscopic depth of invasion (most deeply invasive focus)	___mm <i>OR</i> At least ___mm, the deepest point of invasion involves a margin
	Depths of invasion of additional tumours	___mm <i>OR</i> ___mm to ___mm
G3.03	Cervical wall thickness (in the maximal area of invasion)	___mm
G3.04	Ulceration	Absent Present
S3.06	Greatest horizontal (transverse) measure of carcinoma (if there are multiple foci of invasion with clearly separate individual points of origin, then record separate measurements for each tumour documented as a separate focus.)	___mm
G3.05	Second horizontal (transverse) measurement of carcinoma	___mm
G3.06	Tumour site(s)	Text
S3.07	Associated CIN	Absent Present
S3.08	Associated AIS	Absent Present
S3.09	Involvement of other organs	Not applicable <i>OR</i> Pelvic wall Vagina-upper 2/3s Vagina-lower third Mucosa of bladder Mucosa of rectum Uterine body Other organ/tissue
	If other organ/tissue, describe	Text
S3.10	Vascular invasion	Not identified Present
G3.07	Type of vessel involved	Lymphatic Blood vessel
G3.08	No. of lymphatic spaces involved No. of vascular spaces involved	___ ___
S3.11	MARGIN STATUS – INVASIVE COMPONENT For each of the following margins record:	Not involved Involved
	If not involved record the closest distance of tumour to the margin	___mm
	Cone biopsy	
	• endocervical (apical)	
	• ectocervical	
	• radial stromal	
	Radical trach. specimens	
	• endocervical (superior)	
	• vaginal cuff	
	• radial stromal	
	Hysterectomy specimens	
	• inferior (vaginal or cervical)	
	• radial stromal	

Microscopic findings (cont.)		
S3.12	Margin status - CIN	Not involved Involved
	If involved, record involved margin(s)	Text
G3.09	Closest distance of CIN to this margin	___mm
S3.13	Margin status - AIS	Not involved Involved
	If involved, record involved margin(s) i	Text
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	
	For each LN site received from S2.11 record:	Not involved Involved
	Number involved nodes (/Total number of nodes received from this site)	___/___
G3.12	Largest nodal metastatic deposit	___mm
G3.13	Extranodal extension	Absent Present
	If present, record the greatest dimension from the capsule	___mm
G3.14	Additional micro. comment	Text
Ancillary test findings		
G4.01	Immunohistochemistry	Not performed Performed Pending
	If performed, record	Result Interpretation
	Other Ancillary Tests	Not performed Performed Pending
	If performed, record for <i>each</i> test:	Test type Result Interpretation
G4.02	HPV typing	Text
Synthesis and overview		
G5.02	Diagnostic summary	Text
	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, no. of nodal metastases, out of total number of lymph nodes present	
S5.01	Overarching comment	Text

WHO histological classification of tumours of the uterine cervix

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 neoplasm	
Cervical intraepithelial neoplasia (CIN) 3 / squamous cell carcinoma in situ	8077/2 8070/2
Benign squamous cell lesions	
Condyloma acuminatum	
Squamous papilloma	8052/0
Fibroepithelial polyp	
Glandular tumours and precursors	
Adenocarcinoma	
Mucinous adenocarcinoma	8140/3
Endocervical	8480/3 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
Glandular dysplasia	
Benign glandular lesions	
Müllerian papilloma	
Endocervical polyp	
Other epithelial tumours	
Adenosquamous carcinoma	8560/3
Glassy cell carcinoma variant	8015/3
Adenoid cystic carcinoma	8200/3
Adenoid basal 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

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 3) = 8077/2, squamous cell carcinoma in situ = 8070/2, glandular intraepithelial neoplasia grade 3 = 8148/2 and adenocarcinoma in situ = 8140/2.

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