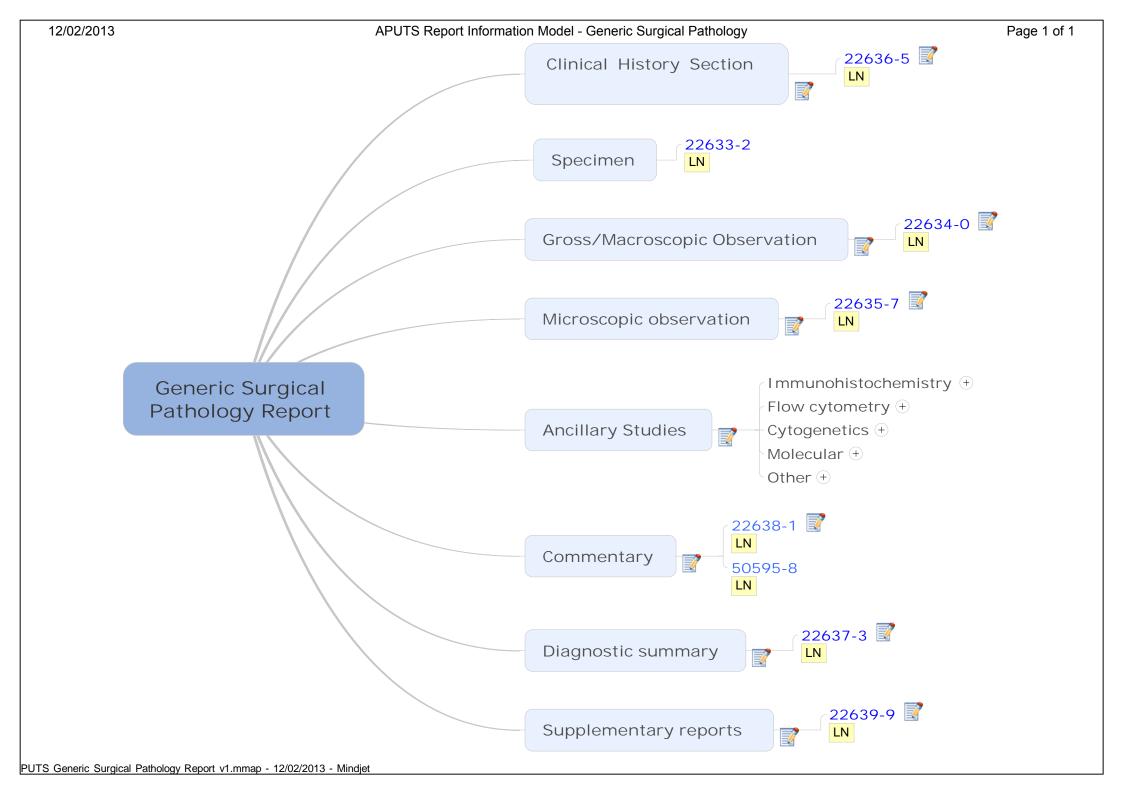
AUSTRALIAN PATHOLOGY UNITS AND TERMINOLOGY

(APUTS)

Reporting Terminology and Codes Anatomical and Cytopathology

(v1.0)





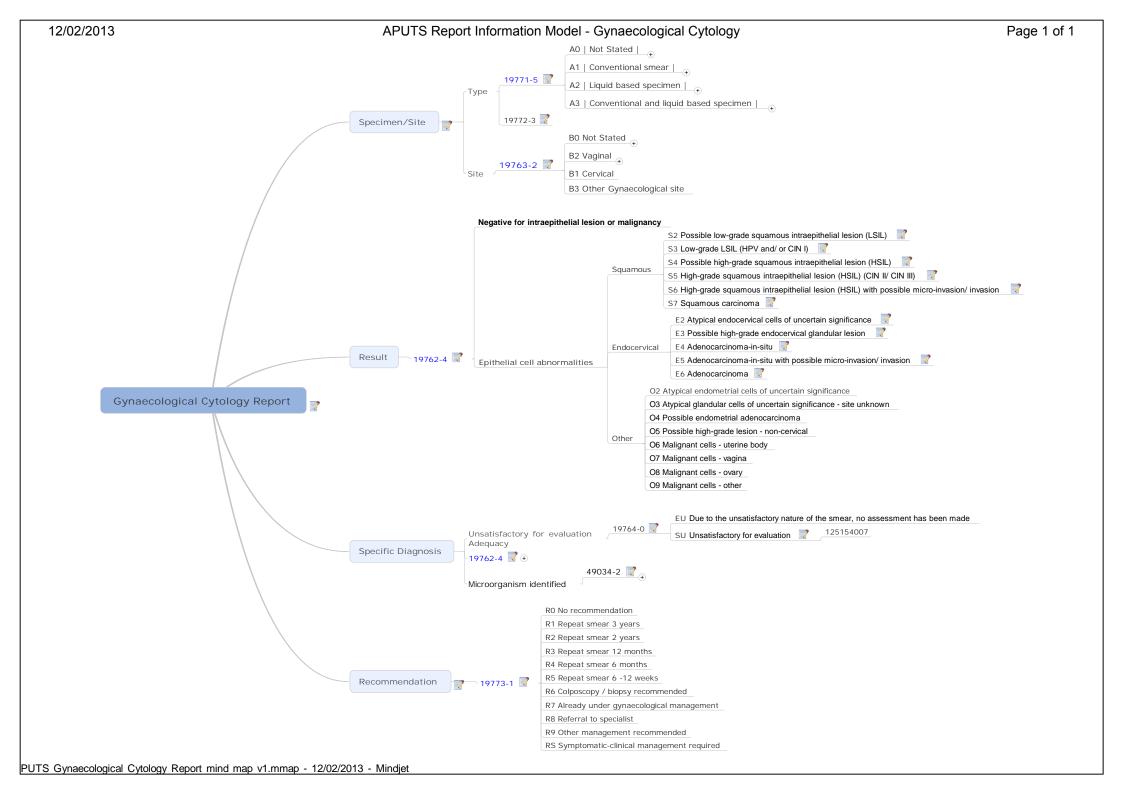
Item Description	Subheadings	LOINC CODE	Short Code Descripton	Long Description	LOINC Class	Notes	Comments
Clinical History Section The clinical information section includes mo source or relevance. It provides a brief accepatient's clinical information, past and prese health that may be relevant to the tissue sa pathologist is examining. This information in provided on the request form and is then quiverbatint marrative It may laso be provided by means such as telephone conversation, condifferent forms of clinical information so each be qualified by its veracity, eg.	unt nt s nplk ay ote ott issul g tt	22636-5	Path report.relevant Hx	Pathology report relevant history	TUMRRGT	"Relevant clinical information, generally stati patient's past history of cancer, pre-operative diagnosis, and/or the reason the specimen v collected NAACCR Data Standards and Di Dictionary Version 11"	the purposes of tumour regi stilled RRGT
Specimen		22633-2	Path report.site of origin		TUMRRGT	Describes the sea and laterality of the specin (s). If there is more than one specimen include pathology report, each is generally assigned identifying letter or numeral NAACCR Data Standards and Data Dictionary Version 11	de 3
Gross/Macroscopic Observation The gross/macroscopic description section written descriptions. Size, weight, colour) effect tissue or other materials received by the supathology laboratory; it also includes vital dof the specimen's handling within the lategray type of fixative used, length of time in fixalia the tissue's disposition. This section may als information on intra-operative consultations frozen sections or intra-operative cytoplogy-needle aspirations, smear prepatationssectiused in traditional narrative reports as well structured templates for specific cancers or conditions.	all gica ccui tory acte o in suc on i as v	22634-0	Path report.gross observ	alRathology report gross observation	TUMRRGT	"A physical desc. of gross appear. of specim (source, size, color, unusual features, locatic visible lesion, margins, markings placed by) & labeling scheme used by pathologist for assi portions of specimen to blocks or cassettes NAACCR Data Standards and Data Dictiona	r a g
Microscopic Observation The microscopic description section describt morphological findings of the case. Specific that the pathologist may look for and report microscopic section include: histologic grad margins, assigning of the pathologicalpatage when appropriate, the pN stage In structured reports, the microscopic sectic consist entirely of atomic data but may cont describing unexpected findings, elements o or anything which is beyond synoptic capture In tradition@Instructur@deports, this takes naform.	attr in tf e, tu d n m n m iun i un	22635-7	Path report.microscopic observation	Pathology report microscopic obse Other stain	er TUMRRGT	"Findings and description of the presence of disease in each section of the specimen Generally include the types of tissues, cells, activity observed NAACCR Data Standard Data Dictionary Version 11"	q

l of the LOINC Codes identify only "Headers" or				ent or test result.			
em Description	Subheadings		Short Code Descripton	Long Description	LOINC Class	Notes	Comments
ncillary Studies ne section lists the additional studies such as munohistochemistry, FISH, Flow or Molecula nich may performed. ncillary studies may be used to determine line		xxxxx-x				There are 326 entries in LOINC for the "Meth = "Immune stain". Each is a specific assay eg We need a Header or Title Code for Immunohistochemistry.	
clonality or disease classification or subclassifi prognostic biomarkers; or to indicate the likelih patient response to specific biologic therapies. The information recorded may be derived withi reporting laboratory itself or sourced from an ereference laboratory.	Flow cytometry	XXXXX-X				There are 74 entries under "Method Type" = ' Cytometry". None appears to be a header and governs a specific assay or use case.	
	Cytogenetics	55228-1	Study report	Cytogenetic Study	ATTACH.CLINRPT/Atta	There are 12 entries under "Method Type" = "Cytogenetics". 11 of these are for specific ka abnormalities. 55228-1 is an NAACR code fo Report". "Finding; Findings; Point in time; Random; Cy Karyotype". Long Common name = "Cytoge Study". Probably appropriate.	
		62365-2	Diagnostic Impression	Diagnostic impression [interpretatio Unspecified specimen by Molecular genetics method Narrative		Diagnostic impression. "The narrative descripabout the disgnostic impression. This is ofter presented as a section header." Exemplar answer: "Diagnostic Impression: Micells analyzed revealed an abnormal male chromosome complement with an additional chromosome 16 seen in each metaphase. The results are consistent with the diagnosis of Tr 16.††Trisomy 16 is not an uncommon finding in first trimester pregnancy loss" YET! Related names says: "; Diagnostic implaterpretation; Interp; Impressions; Point in tir Random; Misc; Miscellaneous; Unspecified; O Narrative; Report; PCR; Molecular genetics"	
	Molecular	50396-1	Molecular diagnostic ma findings for display	gig Molecular diagnostic major findings display [Identifier] in Blood or Tissur Molecular genetics method NominalMolecular diagnostic major findings for display [Identifier] in Blo Tissue by Molecular genetics metho NominalMolecular diagnostic major findings for display: Prid: PTistd/Nom: Molgen	·	"Molecular diagnostic major findings for displa "Molecular diagnostic major findings for displa [Identifier] in Blood or Tissue by Molecular ge method Nominal". Method Code "MOLGEN"	
		50397-9		Molecular diagnostic overall interpre [Presence] in Blood or Tissue by Molecular genetics method	MOLPATH.MISC/Lab	"Molecular diagnostic overall interpretation" " interp; Interp; Interpret; Interpt; Arbitrary concentration; Point in time; Random; Bld/T; Bld/T; Blood; WB; Whole blood; QI; Ordinal; Qualitative; Qual; Screen; PCR; Molecular ge Miscellaneous molecular pathology; Molecula pathology"	

tem Description	Subheadings	LOINC CODE	Short Code Descripton	Long Description	LOINC Class	Notes	Comments
et i bestipati	Susticatings	53098-7		Eong Description	EGINC CIUSS	"Narrative diagnostic report" "Interpretation; Impression; Impressions; Point in time; Rand Bld/T; Tissue; Bld/T; Blood; WB; Whole blood Molecular genetics; MOLPATH.GENERAL"	
	Other	XXXXX-X					
Commentary This is the bringing together multiple elements a connected whole. Dverarching case commentary may be used to Combine observations from the preceding sededuce or synthesise new information. Document any noteworthy adverse gross annistological features. Explain any elements of clinicopathological at Express any diagnostic subtlety or nuance the properties of the properties o	nts t	22638-1	Path report.comments	Pathology report comments	TUMRRGT/Clinical	"Additional comments from the pathologist re situations such as possible source of the met comparison to previous specimens, need for surgery or specimens, and usefulness of add stain/examinations, if applicable NAACCR	
	e tha	50595-8	Pathologist interpretation	Pathologist interpretation of Unspe specimen tests		"Pathologist interpretation" "; Path Interp; Intr Interpret; Interpt; Impression; Impressions; Pr time; Random; Misc; Miscellaneous; Unspeci Other; Nominal; PATHOLOGY" "No trypanosomes identified, No malarial par identified"	
Diagnostic summary The diagnostic summary includes the agreelements from the report which encapsulat isually in a single sentence. This is not new information but a compilative elements reiterated as a summary. The spelements to be recorded are defined in each cancer protocol. In general, whether a reportructured or narrative, the summary including the properties of the specimen, the diagraph of the specimen, the diagraph of the specimen, the diagraph of the specimen is the diagraph of the specimen in the diagraph of the specimen is the specimen in the specimen in the specimen in the specimen is the specimen in the specimen in the specimen in the specimen is the specimen in the specimen in the specimen is the specimen in the specimen in the specimen is the specimen in the specimen in the specimen is the specimen in the specimen in the specimen is the specimen in the specimen is the specimen in the specimen in the specimen is the specimen in the specimen in the specimen is the specimen in the specimen in the specimen in the specimen is the specimen in the specimen in the specimen in the specimen is the specimen in the	e the n of ecific h sp rt is es ti gnos are	22637-3	Path report final diagnosis	Pathology report final diagnosis	TUMRRGT/Clinical	Summarizes the microscopic findings for eac specimen examined. Confirms or denies gros of malignancy, given the histologic type of the and in some instances the grade NAACCR Standards and Data Dictionary Version 11	
Supplementary reports A supplementary report is a new version of ssued report. They may issued to correct ar(armended report) additional information of the supplementary reports after information or versiously given, the changes that are made and the reason is given.	o)ordor tion	22639-9				"Info attached to report, generally after origin Includes subsequent testing/stains, comparis previous specimens, 2nd opinions from other pathologists or labs, or a change in diagnosis from re-examining or re-sampling specimen Data Standards and Data Dictionary Version	

	R	CPA Pathology Units and Tern	ninology Standardi	sation Project	 Terminology fo 	r Reporting Pa	thology: Generic	Fluid Cytology Report v1
Generic Fluid Cytology Report								
	LOINC	LOINC Component	LOINC Property	LOINC Timing	LOINC System	LOINC Scale	LOINC Method	LOINC LongName
Specimen								
Site	20506-2	Specimen drawn from	Туре	Pt	^Patient	Nom		Specimen drawn from
Type of body fluid	14725-6	Fluid	Туре	Pt	Body fld	Nom		[Type] of Body fluid
Fluid volume	12254-9	Specimen volume	Vol	Pt	Body fld	Qn		Volume of Body fluid
Fluid Appearance	9335-1	Appearance	Aper	Pt	Body fld	Nom		Appearance of Body fluid
Fluid Appearance spun	11134-4	Appearance	Aper	Pt	Body fld.spun	Nom		Appearance of Spun Body fluid
Colour	6824-7	Color	Туре	Pt	Body fld	Nom		Color of Body fluid
Colour spun	53733-2	Color	Type	Pt	Body fld.spun	Nom		Color of Spun Body fluid
Clinical Notes								
Clinical Notes	22626 5	Dath as a set as law at the	let and	ln.	lc	Inc.		Detheless are study and history
	22636-5	Path report.relevant Hx	Find	Pt	Specimen	Nar		Pathology report relevant history
	55752-0	Clinical information	Find	Pt	^Patient	Nar		Clinical information
Microscopy								
Microscopic Observation	11068-4	Microscopic observation	Prid	Pt	Body fld	Nom	Cyto stain	Microscopic observation [Identifier] in Body fluid by Cyto stain
Microscopic Observation	18328-5	Microscopic observation	Prid	Pt	Body fld	Nom	XXX stain	Microscopic observation [Identifier] in Body fluid by Other stain
Summary / Conclusion								
	34574-4	Path report.final diagnosis	Imp	Pt	Specimen	Nom		Pathology report final diagnosis
A 11: 1								
Anciliary study	1	1	1	1-	1	T.	l	1
	35265-8	Path report.addendum	Find	Pt	Specimen	Nar		Pathology report addendum in Specimen Narrative
Dath alasiat/Catalasiat								
Pathologist/Cytologist	59256-8	Cytologist	ID	Pt	xxx	Nom	Cyto stain	Cytologist who read Cyto stain of Unspecified specimen

		RCPA Pathology Units and	d Terminology Standa	rdisation Project	t - Terminology	or Reporting F	Pathology: Gener	ic Fluid Cytology Report v1
Generic FNA Cytology Report		nei // aunology elinto uno	a reminerogy orania		· reminiology	or neperang.	umorogy: Comer	
, 3, .	LOINC	LOINC Component	LOINC Property	LOINC Timing	LOINC System	LOINC Scale	LOINC Method	LOINC LongName
Specimen								
Site	20506-2	Specimen drawn from	Туре	Pt	^Patient	Nom		Specimen drawn from
Method	30580-5	Guidance for aspiration.fine needle	Find	Pt	XXX	Nar	CT	CT Guidance for fine needle aspiration of Unspecified body region
	38018-8	Guidance for aspiration.fine needle	Find	Pt	XXX	Nar	US	US Guidance for fine needle aspiration of Unspecified body region
	44215-2	Guidance for aspiration.fine needle	Find	Pt	XXX	Nar	XR.fluor	Fluoroscopy Guidance for fine needle aspiration of Unspecified body region
Clinical Notes								
	22636-5	Path report.relevant Hx	Find	Pt	Specimen	Nar		Pathology report relevant history
	55752-0	Clinical information	Find	Pt	^Patient	Nar		Clinical information
Macroscopic								
Macroscopic	22634-0	Path report.gross observation	Find	Pt	Specimen	Nar		Pathology report gross observation
Microscopy								
Microscopy	11552-7	Microscopic exam	Imp	Pt	Tiss.FNA	Nom	Cytology	Microscopic exam [interpretation] of Tissue fine needle aspirate by Cytology
Summary / Conclusion		_				,		
Conclusion	34574-4	Path report.final diagnosis	Imp	Pt	Specimen	Nom		Pathology report final diagnosis
Anciliary study								
Anciliary study	35265-8	Path report.addendum	Find	Pt	Specimen	Nar		Pathology report addendum in Specimen Narrative
Supplementary Reports								
Supplementary Reports	22639-9	Path report.supplemental reports	Find	Pt	Specimen	Nar		Pathology report supplemental reports
Pathologist/Cytologist						,	,	
Reviewer	59256-8	Cytologist	ID	Pt	XXX	Nom	Cyto stain	Cytologist who read Cyto stain of Unspecified specimen
Othe								
FNA Cytology Report	33718-8	Cytology report	Find	Pt	Tiss.FNA	Doc	Cyto stain	Cytology report of Tissue fine needle aspirate Cyto stain



		RCPA Pathology Units and T	erminology Standar	disation Project	- Terminology f	or Reporting P	athology: Cytop	athol	ogy: Gynaecological Cytology Report v1	
						- incparame				
Gynaecological Cyt	ology Report (AME	3S 2004)								
, , ,		•							These columns contains sample result	
									codes only. The codes could by used in	
Cervical cytology re	enorts should cont	ain the following components:	Specimen& Site F	Result Specific I	Diagnosis Reco	mmendations			ther Result or Specific diagnosis areas as	This column contain sample
cervical cytology re	sports should cont	uni the following components.	Specimena Site 1	result Specific i	Siagnosis neco	mmendations		CII	required by the business rules of the	SNOMED CT mappings
									laboratory	(work still in progress)
	I		LOINC	LOINC	LOINC	LOINC	LOINC		06 Cytology Coding Schedule or Internal	
	LOINC	LOING Component				Scale		20	Codes	
CDECIBAEN / CITE	LOINC	LOINC Component	Property	Timing	System	Scale	Method		Codes	Possible SNOMED CT concept ic
SPECIMEN / SITE	1	1-	1	I-:	l- 6:	1	1		Not Stated	L learness of the state of the
Specimen	19771-5	Screen techniques	Prid	Pt	Cvx/Vag	Nom	Cyto stain	A0		397212007 Specimen type not specified
								A1	Conventional smear	446914005 Preparation and staining of smear using Papanicolaou technique
								A2	Liquid based specimen	430346005 Liquid based cytologic material
								A3	Conventional and liquid based specimen	No SCT ID for combination
Site	19772-3	Preparation techniques	Туре	Pt	Cvx/Vag	Nom	Cyto stain	В0	Not Stated	430297000 Cytologic material obtained from unspecified body site
								B1	Cervical	119224000 Vaginal part
								B2	Vaginal	279882009 Vaginal cervix
								В3	Other Gynaecological site	
RESULT	,	'	'	,	·	,	•		'	' '
The number of LOIN	NC codes (incl. repe	ats of the same code) will depe	nd on the number of	coded comments	s are					
		the 2006 Cytology coding sched								
	LOINC	Component	Property	Timing	System	Scale	Method	2006	Cytology Coding Schedule or Internal Codes	
Result	19762-4	General categories	Imp	Pt	Cvx/Vag	Nom	Cyto stain	SU	Unsatisfactory for evaluation	
			·							
Result	19762-4	General categories	Imp	Pt	Cvx/Vag	Nom	Cyto stain	S1	Negative for intraepithelial lesion or malignancy	
Result	19762-4	General categories	Imp	Pt	Cvx/Vag	Nom	Cyto stain		Epithelial cell abnormalities (Squamous)	
Result	19762-4	General categories	Imp	Pt	Cvx/Vag	Nom	Cyto stain	S2	Possible low-grade squamous intraepithelial lesion (LSIL)	
								S3	Low-grade LSIL (HPV and/ or CIN I)	
								S4	Possible high-grade squamous intraepithelial lesion (HSIL)	
								S5	High-grade squamous intraepithelial lesion (HSIL) (CIN II/ CIN III)	
								S6	High-grade squamous intraepithelial lesion (HSIL) with possible micro-nvasion/ invasion	
								S7	Squamous carcinoma	
									Epithelial cell abnormalities (Endocervical)	
								E2	Atypical endocervical cells of uncertain significance	
								E3	Possible high-grade endocervical glandular lesion	
								E4	Adenocarcinoma-in-situ	
									Adopporationma in city with possible micro imposion/	
								E5	Adenocarcinoma-in-situ with possible micro-invasion/ invasion	
								E6	Adenocarcinoma	
									Other	
•								02	Atypical endometrial cells of uncertain significance	1 1

12/02/2013

		RCPA Pathology Units and Term	inology Stand	ardisation Project	- Terminology fo	or Reporting F	Pathology: Cytop	atholo	ogy: Gynaecological Cytology Report v1	
								03	Atypical glandular cells of uncertain significance - site unknown	
								04	Possible endometrial adenocarcinoma	
								05	Possible high-grade lesion - non-cervical	
								06	Malignant cells - uterine body	
								07	Malignant cells - vagina	
								08	Malignant cells - ovary	
								09	Malignant cells - other	
PECIFIC DIAGNOSIS	1		1	1	1		'		'	
			1							
pecific Diagnosis	19764-0	Statement of adequacy	Imp	Pt	Cvx/Vag	Nom	Cyto stain	E-	Not applicable: vault smear / previous hysterectomy	
								E0	No endocervical component	
									Endocervical component present. No abnormality or only	
								E1	reactive changes Due to the unsatisfactory nature of the smear, no assessment	
								EU	has been made	
pecific Diagnosis	19762-4	General categories	Imp	Pt	Cvx/Vag	Nom	Cyto stain	S1	No abnormality or only reactive changes	
									Atypical squamous cells (of undetermined significance) are	
pecific Diagnosis	44945-4	Australian cervix cytology code	Imp	Pt	XXX	Nom			present.	
									HPV associated cytopathic effect (Koilocytosis) is seen.	
									Abnormal squamous cells consistent with CIN 1 are present.	
									Abnormal cells consistent with CIN2 are present.	
									Abnormal cells consistent with CIN 3 are present.	
									Abnormal cells consistent with CIN 3 are present.Micro-	
									invasion/invasion can not be excluded.	
									Abnormal cells consistent with CIN are present.Precise grading is not possible.	
									Atypical epithelial cells are present.	
									Abnormal glandular cells are present.	
									Atypical endocervical cells are present.	
									Abnormal glandular cells are present. A high grade glandular lesion can not be excluded.	
									Malignant cells consistent with adenocarcinoma are present.	
									Malignant cells consistent with squamous cell carcinoma are present.	
									Malignant glandular cells are present.No definite endocervical or endometrial features are present.	
									Poorly differentiated malignant epithelial cells are present No definite squamous or glandular features are seen.	
									Malignant cells consistent with adenocarcinoma of the cervix are present.	
									Malignant cells consistent with adenocarcinoma of the endometrium are present.	
									Atypical endometrial cells suspicious for endometrial hyperplasia or endometrial carcinoma are present.	

		RCPA Pathology Units and Termi	nology Standardisa	ation Project - T	erminology for	Reporting Path	ology: Cytopa	tholo	gy: Gynaecological Cytology Report v1
		3,	<i>J.</i>		<u> </u>				Malignant epithelial cells are present. Some features raise the possibility of an extrauterine primary malignancy.
									Poorly differentiated malignant cells are present. The origin of the cells can not be determined.
								01	No other abnormal cells
	100010				0.00				
Microorganisms / Flora	49034-2	Microorganism identified	Prid	Pt	Cvx/Vag	Nom	Cyto stain		Fungal S Fungal elements are seen.
									Trich S Micro-organisms with the appearance of Trichomonas vaginalis are seen.
									Herpes S Cellular changes consistent with Herpes simplex are seen.
									Acti S Micro-organisms with the appearance of Actinomyces species are seen.
									Candida S Fungal elements with the appearance of Candida species are seen.
									Bact Vag S Micro-organisms consistent with bacterial vaginosis are seen.
RECOMMENDATIONS									
Recommendations	19773-1	Recommended follow-up	Prid	Pt	Cvx/Vag	Nom	Cyto stain	R0	No recommendation
								R1	Repeat smear 3 years
								R2	Repeat smear 2 years
								R3	Repeat smear 12 months
								R4	Repeat smear 6 months
								R5	Repeat smear 6 -12 weeks
								R6	Colposcopy / biopsy recommended
								R7	Already under gynaecological management
								R8	Referral to specialist
								R9	Other management recommended
								RS	Symptomatic-clinical management required
SUMMARY FOR SUBMISSI	ON TO REGI	STRY							
Result	44945-4	Australian cervix cytology code	Imp	Pt	XXX	Nom		STRI	NG OF 2006 CYTOLOGY CODING SCHEDULE CODES

RCPA Pathology Units and Terminology Standardisation Project - Terminology for Reporting Pathology: Urine Cytology Report v1

Haire - Cottale and Laire - and -		<u>. </u>	<u> </u>	•		, ,	<u> </u>	
Urine Cytology Loinc codes								
	LOINC	LOINC Component	LOINC Property	LOINC Timing	LOINC System	LOINC Scale	LOINC Method	LOINC LongName
Specimen				_	•			
Site	20506-2	Specimen drawn from	Туре	Pt	^Patient	Nom		Specimen drawn from
Type of body fluid	14725-6	Fluid	Туре	Pt	Body fld	Nom		[Type] of Body fluid
Appearance		Appearance	Aper	Pt	Urine	Nom		Appearance of Urine
Volume	28009-9	Specimen volume	Vol	Pt	Urine	Qn		Volume of Urine
Character (Optional)	19244-3	Character	Aper	Pt	Urine	Nom		Character of Urine
Clarity (Optional)	32167-9		Туре	Pt	Urine	Nom		Clarity of Urine
Colour (Optional)	5778-6	Color	Туре	Pt	Urine	Nom		Color of Urine
Clinical Notes								
	22636-5	Path report.relevant Hx	Find	Pt	Specimen	Nar		Pathology report relevant history
	55752-0	Clinical information	Find	Pt	^Patient	Nar		Clinical information
Microscopy								
Microscopic Observation	11070-0	Microscopic observation	Prid	Pt	Urine	Nom	Cyto stain	Microscopic observation [Identifier] in Urine by Cyto stain
Microscopic exam [interpretation]	27045-4	Microscopic exam	Imp	Pt	Urine	Nom	Cytology	Microscopic exam [interpretation] of Urine by Cytology
Summary / Conclusion								
Conclusion	34574-4	Path report.final diagnosis	Imp	Pt	Specimen	Nom		Pathology report final diagnosis
Pathologist/Cytologist								
Reviewer	59256-8	Cytologist	ID	Pt	XXX	Nom	Cyto stain	Cytologist who read Cyto stain of Unspecified specimen