

Cellular Pathology

	Complexity 1	Complexity 2	Complexity 3	Complexity 4	Complexity 5	Complexity 6
Bone/ Joint & Osteo	Tendon biopsy Ligament biopsy Ligament cyst	Bursa Joint biopsy Vertebral disc Synovial biopsy Cartilage	Tendon Bone - non tumour (small) Femoral head	Bone - benign (large) Digit amputation Vertebrae	Bone biopsy (metabolic) Bone tumour biopsy Bone tumour resection (local)	Bone tumour resection (amputation) Amputation
Breast		Breast reduction (one or two specimens)	Breast needlecore biopsy Excision of mastectomy scar Excision biopsy Microdocheotomy Nipple biopsy Breast implant capsule	Axillary clearance specimen only Re-excision of tumour cavity Re-excision of tumour	Mastectomy - tumour Wide Local Excision - tumour Needle LOC biopsy Diagnostic localisation biopsy/marker biopsy. Excision biopsy/wide local excision with shave excision & axillary clearance	Mastectomy / WLE requiring X-rays
Cardio	Artery	Mitral valve	Heart valve/ aortic valve/ aortic valve biopsy			Heart transplant
Endocrine			Metastatic liver biopsy. Thyroid biopsy Parathyroid - one specimen	Adrenal/ pituitary gland Parathyroid - two or more specimens Thyroid - lobectomy Total thyroidectomy	Parathyroid - tumour Pituitary	
GI	Appendix Anal fistula Gall bladder GI biopsy (single site)* Haemorrhoid Hernia sac Peritoneum biopsy Pilonidal sinus Anal wart(s) Perianal abscess Anal/colonic/duodenal/rectal polyp	Colostomy/ ileostomy stoma Oesophageal/GOJ/ gastric Polyp Gastric/GOJ biopsy Colonic donut	Oesophageal biopsy (Barretts) GI biopsy (two sites)* Omental biopsy Random colonic biopsies (including multiple specimens in one pot)	GI biopsy (three sites, same or separate site)* Small/ large bowel resection - Benign Oesophageal diverticulum resection Retroperitoneal biopsy Pancreatic core biopsy Pancreatic cyst Pancreatic resection for benign disease	Bile duct resection Gall bladder resection - tumour Oesophageal resection - tumour Stomach resection -tumour Small bowel resection - tumour Large bowel resection - tumour Anal resection - tumour	Pancreatic resection -tumour Rectal biopsy requiring enzyme histochemistry Jejunal biopsy requiring enzyme histochemistry

*Oesophagus (non-barretts's), duodenum, small bowel, colon, rectum, anus

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GU	Epididymis biopsy Foreskin Hydrocele sac Vas deferens	Pelvi-ureteric junction (PUJ) Biopsy Ureteric biopsy Urethral biopsy	Bladder biopsy Bladder tumour - TURBT Prostate chippings (less than 6 blocks) TURP	Penectomy Orchidectomy (testis) benign Nephrectomy (kidney) benign Prostate biopsies Prostate chippings (6 or more blocks) TURP Ureter resection Bladder Renal biopsy - tumour	Orchidectomy (testis) - tumour Nephrectomy (kidney) - tumour Radical prostatectomy Supra pubic resection Ureter resection Urethra resection Renal biopsy (post-transplant)	Radical cystectomy Cystoprostatectomy Renal biopsy - diagnostic
Gynae	Bartholin's/endocervical cyst Cervical polyp Fallopian tube Products of conception Vulval wart Vaginal/vulval polyp	Cervical/endocervical/vaginal/vulval biopsy (single specimen) Endometrial polyp Endometrial curettings /biopsy/ pipelle Fallopian tube - ectopic pregnancy Fibroid	Cervical/vaginal/vulval biopsy (two specimens) Endometrial curettings or biopsy (if hyperplasia or neoplasia) Endometrial resection Hysterectomy (uterus & cervix) Ovarian biopsy Ovarian cyst Ovary	Cervical/vaginal/vulval biopsy (three or more specimens) Cone/LLETZ biopsy Hysterectomy & salpingo-oophorectomy (uterus, cervix & ovaries) Placenta	Cervix - tumour resection Hysterectomy - tumour Ovary - tumour Vaginal resection - tumour Vulval resection - tumour	
Haemo & Lymph	Thrombus/embolus		Spleen - benign Cervical lymphadenopathy/ lymph node biopsy - non tumour/non lymphoma	Lymph node biopsy - tumour/ non lymphoma Lymph node regional dissection	Bone marrow trephine	Extra nodal lymphoma Lymph node lymphoma (including IHC, excluding molecular diagnostics) Spleen - lymphoma/ tumour/ leukaemia

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Head & Neck	Cholesteatoma	Adenoids Ear, middle/inner (single specimen) Epiglottis Lip biopsy Nasal polyps Nasopharynx biopsy Mucosal biopsy of nose Oropharynx biopsy Postnasal space biopsy Nasal cyst/papilloma Palate biopsy Tongue biopsy	Ear, middle/inner (two or more specimens) Ethmoid sinus biopsy Laryngeal/ salivary gland/vocal cord biopsy Lip wedge resection Thyroglossal cyst Tonsillectomy	Neck dissection - Unilateral Salivary gland Thymus Tonsil -tumour (non lymphoma) Jaw tumours (non odontogenic) Tongue - tumour resection	Neck dissection - Bilateral Larynx - tumour Nasopharynx - tumour Tumour with unilateral neck dissection	Tonsil tumour (lymphoma)
Liver				Liver biopsy	Liver resection	
Neuro			Temporal artery biopsy Nerve biopsy (investigation of neuropathy) without E.M.	Brain biopsy	Meningioma	Muscle biopsy with enzyme studies Nerve biopsy (investigation of neuropathy) with E.M. Neurosurgical biopsies (glioma, all other biopsies) Skeletal muscle - neuropathological option
Ophthalmic		Eye conjunctiva (non malignant/non inflammatory) Cornea	Eye conjunctiva (malignant)		Eye enucleation	
Oral	Buccal mucosa Gum biopsy	Dental biopsy/dental cyst Gingival biopsy Odontogenic tumour/ developmental cysts (level 3)	Odontogenic tumour/ developmental cysts Muscle biopsy (any site requiring levels)	Tooth Buccal mucosa tumour		
Respiratory		Tracheal biopsy	Lung biopsy Mediastinal biopsy Bronchial biopsy Transbronchial biopsy Pleural biopsy	Carotid body neoplasm Lung wedge biopsy (non tumour) Mediastinum Pleural resection	Lung resection - tumour Lung wedge biopsy - tumour	Lung transplant

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Skin	Epidermal/pilar/sebaceous/ subdermal cyst Naevus/intradermal naevus Biopsy/excision biopsy/ incisional biopsy (non malignant/ non inflammatory) Seborrheic keratosis Simple excision (non malignant/ non inflammatory) Skin tag/polyp/curettings/ papilloma/ cautery Toenail Viral wart	Actinic keratosis/compound naevus Morton's neuroma Skin biopsy (malignant - SCC/BCC) Two complexity 1 specimens	Dysplastic & atypical naevus Nail bed biopsy Three complexity 1 specimens	Dermoid cyst Four or more Complexity 1 specimens Inflammatory skin biopsy BCC/SCC/melanoma resection	Small orientated surgical skin cancer specimen Complex/rare skin cancer specimens including sarcoma	Large/complex orientated surgical skin cancer specimens Cutaneous lymphoma / pseudolymphoma
Soft Tissue	Soft tissue lipoma - small Ganglion cyst Dermatofibroma Haemangioma Soft tissue biopsy Histiocytoma	Soft tissue lipoma - large	Soft tissue tumour not requiring IHC			Soft tissue tumour requiring IHC
Other			Specimen X-ray			
Non gynae cytology	Pleural Aspirate Urine Bronchial lavage Peritoneal fluid Sputum Cerebro-spinal-fluid (CSF)	FNA's 1 - 4 slides Bronchial brushings Bile duct brushings Oesophageal brushings Gastric brushings	Any non-gynae cytology case with 5 or more slides	Any non-gynae cytology case with 10 or more slides		

The following cases/analyses require specialist procedures. These should be discussed with Source BioScience prior to referral.

Molecular Diagnostics	Muscle biopsy (inc. E.M. and IHC) requiring special fixation and handling
Foetus	Second opinion diagnosis
Brain (whole)	Eye enucleation
Renal biopsy (inc. E.M. and IHC) requiring special fixation and handling	Prostate templates