Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	
Address Dewsbury and District Hospital Pathology Halifax Rd, Dewsbury WF13 4HS	Local contact Mrs E Godfrey 01924 317002	Routine Histopathology Special Stains Immunocytochemistry Immunofluorescence Non-Gynae cytology	

	Schedule of Accreditation issued by United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK	
	The Mid Yorkshire Teaching NHS Trust	
9026 Accredited to ISO 15189:2012	Issue No: 012 Issue date: 22 July 2024	
Testing performed by the Organisation at the locations specified		

DETAIL OF ACCREDITATION			
Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	
HUMAN BODY TISSUE AND FLUIDS	Histopathology examination activities for the purpose of clinical diagnosis	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
Tissue Samples: Fixed, fresh and frozen tissue; excisional and incisional biopsies and surgical resection specimens	Routine Histopathology examination of tissues to identify or exclude morphological and cytological abnormalities for the purposes of clinical diagnosis	Specimen Dissection Manual method using documented procedures:	
		CSOP-CP-016 – Examination and Reporting of Skin Biopsies (excluding Melanoma)	
		CSOP-CP-009 – Examination and Reporting of Malignant Melanomas	
		CSOP-CP-042 – Guidelines for the Examination and Reporting of Breast Cancer Specimens	
		CSOP-CP-004 – Examination and Reporting of Breast Core Biopsies	
		CSOP-CP-045 – Examination and Reporting of Impalpable Breast Lesions (Needle Guided Biopsoes)	
		CSOP-CP-005 – Examination and Reporting of Palpable Breast Lesions and Axillary Dissection Specimens	
		CSOP-CP-031 – Examination and Reporting of Hysterectomy Specimens for Endometrial Carcinoma	
		CSOP-CP-032 – Examination and Reporting of Hysterectomy Specimens for Smooth Muscle Neoplasm	
		CSOP-CP-033 Examination and Reporting of Cervical Punch Biopsies LLETZ Excisions and Knife Cone Biopsies	

	Schedule of Ac issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	y editation Service
UKAS MEDICAL 9026 Accredited to ISO 15189:2012	The Mid Yorkshire Tea Issue No: 012 Issue d	-
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified
		Specimen Dissection Manual method using documented procedures: (cont'd)
Tissue Samples (cont'd)		CSOP-CP-001 – Examination and Reporting of Ovarian Tumous +/- Omentectomy
		CSOP-CP-046 – Examination and Reporting Bronchial and Lung Biopsies for Cancer
		CSOP-CP-026 – Examination and Reporting of Lymph Node Biopsies
		CSOP-CP-037 – Reporting of Liver Biopsies for Hepatitis C
		CSOP-CP-11 – Examination and Reporting of Colorectal Polyps
		CSOP-CP-008 – Examination and Reporting of Colorectal Resections for Cancer
		CSOP-CP-047 – Receipt and Safe Handling of Sentinel Lymph Node Biopsy and their Related Mastectom Specimens
		CSOP-CP-043 – Examination and Reporting of Testicular biopsies and resections and retroperitoneal lymph node dissections
		CSOP-CP-039 – Examination amnd Reporting of Adult Renal Parenchymal Specimens

	Schedule of Ac issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	y editation Service
MEDICAL 9026 Accredited to ISO 15189:2012	9026 Issue No: 012 Issue date: 22 July 2024	
Testing performed by the Organisation at the locations specified		
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers'

Tissue Samples (cont'd)

	in conjunction with manufacturers' instructions as specified:
Tissue Samples (cont'd)	Specimen Dissection Manual method using documented procedures: (cont'd)
	CSOP-CP-048 – Examination and Reporting of Prostatic Biopsies and Resections
	CSOP-CP-040 – Examination and Reporting of Penile Biopsies and Resections
	CSOP-CP-044 – Examination and Reporting of Urinary Bladder, Uretic, Renal Pelvic and Urethral Specimens
	CSOP-CP-014 – Bowel Cancer Screening Programme Specimens
	CSOP-CP-002 – Procedure for Expert Practitioner Cut-up of Appendix (Category C) Specimens
	CSOP-CP-028 - Procedure for Expert Practitioner cut-up of Fibro adenoma of the breast (category C) specimens
	CSOP-CP-029 - Procedure for Expert Practitioner cut-up of Gynaecomastia (category C) specimens
	CSOP-CP-030 - Procedure for Expert Practitioner cut-up of Prophylactic Mastectomy (category C) specimens
	CSOP-CP-022- Procedure for Expert Practitioner cut-up of Breast Reduction (category C) specimens

	Schedule of Ac issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	y editation Service
9026 Accredited to ISO 15189:2012	9026Issue No: 012Issue date: 22 July 2024	
Testing performed by the Organisation at the locations specified		
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Tissue Samples (cont'd)		Specimen Dissection Manual method using documented procedures: (cont'd)
		CSOP-CP-015 - Procedure for Expert Practitioner cut-up of Colonic Polyps (category C) specimens
		CSOP-CP-018 - Procedure for Expert Practitioner cut-up of Fallopian tubes (category B) specimens
		CSOP-CP-017 - Procedure for Expert Practitioner cut-up of Gallbladder (category C) specimens
		CSOP-CP-020 - Procedure for Expert Practitioner cut-up of Haemorrhoids (category C) specimens
		CSOP-CP-019 - Procedure for Expert Practitioner cut-up of LLETZ biopsy (category B) specimens
		CSOP-CP-013 - Procedure for Expert Practitioner cut-up of Uterus (category C) specimens
		CSOP-CP-034 - Procedure for Expert Practitioner cut-up of Femoral Head (category C) specimens
		CSOP-CP-035 - Procedure for Expert Practitioner Cut-up of Microdochectomy (Category C) Specimens
		CSOP-CP-036 - Procedure for Expert Practitioner Cut-up of Lipoma (Category B) Specimens

	Schedule of Ac issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	editation Service
UKAS MEDICAL 9026 Accredited to ISO 15189:2012	The Mid Yorkshire Teaching NHS Trust Issue No: 012 Issue date: 22 July 2024	
Testing performed by the Organisation at the locations specified		
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers

HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Tissue Samples (cont'd)		Specimen Dissection Manual method using documented procedures: (Cont'd)
		CSOP-CP-003 - Procedure for Expert Practitioner Cut-up of Placenta (Category C) Specimens
		CSOP-CP-010 – Dissection and reporting of benign gastrointestinal specimens
		CSOP-CP-025 - Dissection and Reporting of Head and Neck Specimens
		CSOP-CP-027 - Examination and Reporting of Gastrointestinal Biopsies
Femoral head Other bone Teeth		Decalcification of bony tissue Manual method using documented procedure: SOP-CP-099 – Decalcification of Bone Specimens CSOP-CP-034 – Procedure for Expert Practitioner Cut-up of Femoral Head (Category C) Specimens
Tissue samples		Tissue processing Documented procedure & manufacturer's instructions using Leica ASP300S (x3) SOP-CP-135 and Thermo Shandon Excelsior. SOP-CP-054
Tissue samples		Tissue embedding Manual method and Documented procedure & manufacturer's instructions using 2 x Leica ArcadiaSOP-CP-050

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	United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK	
UKAS		
MEDICAL 9026	The Mid Yorkshire Teaching NHS Trust	
Accredited to ISO 15189:2012	Issue No: 012 Issue date: 22 July 2024	
Testing performed by the Organisation at the locations specified		

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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Tissue samples		Tissue sectioning Manual method using documented procedure. SOP- CP-051 Microtomes x7 Leica Histocore Biocut x3 Leica RM2235 x1 HistoCore AUTOCUT x3
Fresh tissue sample	Basophilic and eosinophilic tissue structures	Frozen section preparation and staining for urgent investigation, rapid H&E and immunofluorescence. Documented procedure & manufacturer's instructions using Leica CM1860 cryostat UV model SOP-CP-043 Laboratory procedure for urgent frozen sections and the use of the cryostat SOP-CP-128 – Special Stains Laboratory Procedures FORM-CP-27 Booking form for frozen sections
Tissue samples	Basophilic and eosinophilic tissue structures	Routine staining Haematoxylin and Eosin (H&E) Documented procedure & manufacturer's instructions using HistoCore SPECTRA ST Stainer SOP-CP-136 Leica Autostainer (X1). SOP-CP-116
Tissue samples	Special Stains to detect the following:	Special Staining techniques using manual methods using documented procedure SOP-CP-128 – Special Stains Laboratory Procedures:
	Acid mucins Acid/neutral mucins Amyloid Elastic fibres Helicobacter Pylori Reticulin Gram +/- organisms Fungi Fibrin, collagen	Alcian blue Alcian blue/PAS Congo red (Puchtler's) Elastic Van Gieson Modified Giemsa Gordon and Sweet's Gram Stain Grocott Masson's trichrome

	Schedule of Ac issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	editation Service
9026 Accredited to ISO 15189:2012	The Mid Yorkshire Teaching NHS Trust Issue No: 012	
Testing performed by the Organisation at the locations specified		
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
		Special stains cont'd:
	Fibrin and connective tissues Glycogen/fungi A-1-anti-trypsin Ferric iron (haemosiderin) Melanin (reducing agents) HepB surface antigen Mast cell granules Collagen/muscle Calcium Mycobacterium Tuberculosis Protozoa Leucocytes	MSB PAS+/-diastase Perl's Schmorl's Shikata's orcein Toluidine blue Van Gieson Von Kossa Ziehl Neelsen Giemsa stain
Tissue Samples	Immunocytochemistry to detect the following:	Documented procedure & manufacturer's instructions using Leica Bond III Stainer
	Epithelial cells Germ cell tumours Prostatic Intraepithelial Neoplasia B Cells Epithelial cells, mesothelioma panel Fibroblasts and endothelial cells Ovarian tumour Colorectal, prostate cancer Smooth Muscle Mesotheloma panel Epithelial cells T Cells Lymphoma, brush border of gut epithelium Granulocytes, Reed Sternberg (RS) cells, mesothelioma panel B Cells RS cells Endothelial cells Endothelial cells Neuroendocrine cells Macrophages	SOP-CP-138 AE1/3 AFP AMACR Bcl2 Ber EP4 Beta-Catenin CA 125 CA 19.9 Caldesmon Calretinin CAM 5.2 CD 3 CD 10 CD 15 CD 20 CD30 (Ber H2) CD 31 CD 34 (QBend 10) – CD 56 CD 68

UKAS MEDICAL 9026 Accredited to ISO 15189:2012	Schedule of Ac issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines The Mid Yorkshire Tea Issue No: 012 Issue d	editation Service s-upon-Thames, TW18 3HR, UK aching NHS Trust
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
	Immunocytochemistry to detect the following: (cont'd)	Documented procedure & manufacturer's instructions using Leica Bond III Stainer SOP-CP-138
Tissue samples	Ewings sarcoma, B cell lymphoma GIST Colonic adenocarcinoma Neuroendocrine cells Cytomegalovirus Epithelial cells/mesothelioma panel Epithelial cells Epithelial cells Epithelial cells Epithelial cells Epithelial cells Basal cells of prostate glands Muscle Smooth/striated GIST breast duct epithelial cells Epithelium/mesothelioma panel Oestrogen receptors GATA 3 protein for breast and urothelial carcinoma Melanoma Liver Testis Tonsil Melanoma Small bowel Prostate marker for prostate carcinoma Seminoma SCC/Cervix Colonic/uterine cancer Tonsil Fallopian Tube Kidney/prostate/Tonsil multiblock Small bowel Breast cancer RCC Melanoma	CD 99 CD 117 (c-kit) CDX 2 CEA Chromogranin CMV CK 5/6 CK 7 CK 14 CK 19 CK 20 CK34/BE12 (HMWCK) Desmin DOG 1 E-Cadherin EMA ER (SP1) GATA-3 HMB45 HSA Inhibin Ki-67 LCA (CD45) Melan A MNF 116 NKX3.1 OCT 4 p16 p53 p63 PAX-8 PIN 3 Podoplanin PR RCC S100

	Schedule of Ace issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	y editation Service
9026 Accredited to ISO 15189:2012	The Mid Yorkshire Teaching NHS Trust Issue No: 012 Issue date: 22 July 2024	
Testing performed by the Organisation at the locations specified		
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
	Immunocytochemistry to detect the following: (cont'd)	Documented procedure & manufacturer's instructions using Leica Bond III Stainer SOP-CP-138
Tissue Samples (Cont'd)	Small bowel ??Small bowel Colon Thyroid Marker for Bladder carcinoma Small bowel Kidney (normal)	SMA ??SMM Synaptophysin Thyroglobulin TTF-1 Uroplakin II Vimentin WT-1

	Schedule of Ac issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	^y editation Service
UKAS MEDICAL 9026 Accredited to ISO 15189:2012	The Mid Yorkshire Teaching NHS Trust Issue No: 012 Issue date: 22 July 2024	
Testing performed by the Organisation at the locations specified		
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Tissue sample	Histopathology – Direct	Documented procedure &

Materials/Products tested	measured/Range of measurement	Equipment/Techniques used
HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Tissue sample Skin Oral	Histopathology – Direct Immunofluorescence for the identification of:	Documented procedure & manufacturers instructions using Leica Bond III StainerSOP-CP-089.
	immune deposits of IgA immune deposits of IgG immune deposits of IgM immune deposits of C3	IgA FITC IgG FITC- IgM FITC - C3 FITC -
Histological sections prepared in house as above	Morphological assessment and interpretation/diagnosis:	Interpretive microscopy using various microscopes from Leica, Olympus, Nikon SOP's: CSOP-CP-016 – Examination and Reporting of Skin Biopsies (excluding Melanoma)
		CSOP-CP-009 – Examination and Reporting of Malignant Melanomas
		CSOP-CP-042 Guidelines for the examination and reporting of breast cancer specimens
		CSOP-CP-004 - Breast Core biopsies
		CSOP-CP-045 - Impalpable breast lesions (needle guided biopsies)
		CSOP-CP-005 - Palpable breast lesions and axillary dissection specimens
		CSOP-CP-031 - Hysterectomy - Endometrial carcinoma

	Schedule of Act issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	y editation Service
UKAS MEDICAL 9026 Accredited to ISO 15189:2012	The Mid Yorkshire Tea Issue No: 012 Issue d	ching NHS Trust
Te	esting performed by the Organisation at the location	s specified
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Histological sections prepared in house as above	Morphological assessment and interpretation/diagnosis (cont'd):	CSOP-CP-032 - Hysterectomy - Smooth muscle neoplasms
		CSOP-CP-033 - LLETZ excisions and cone biopsies
		Interpretive microscopy using various microscopes from Leica, Olympus, Nikon SOP's:
		CSOP-CP-001 - Ovarian tumours
		CSOP-CP-046 - Bronch & Lung biopsies Cancer
		CSOP-CP-026 - Lymph node biopsies
		CSOP-CP-037 - Liver biopsies for

CSOP-CP-039 - Examination and reporting of adult renal parenchymal specimens

CSOP-CP-11 - Colorectal Polyps

CSOP-CP-047 - Safe handling of sentinel Lymph node Biopsy and their related Mastectomy specimens

CSOP-CP-043 - Examination and reporting of testicular biopsies and resections and retroperitoneal lymph

CSOP-CP-008 - Reporting colorectal

Hepatitis C

resections for cancer

node dissections

	Schedule of Ac issued b United Kingdom Accr 2 Pine Trees, Chertsey Lane, Staines	y editation Service	
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Accredited to ISO 15189:2012	Issue No: 012 Issue date: 22 July 2024		
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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
Histological sections prepared	Morphological assessment and	CSOP-CP-048 - Examination and	

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HUMAN BODY TISSUE AND FLUIDS (cont'd)	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Histological sections prepared in house as above	Morphological assessment and interpretation/diagnosis (cont'd):	CSOP-CP-048 - Examination and reporting of prostatic biopsies and resections
		CSOP-CP-040 - Examination and reporting of penile biopsies and resections
		CSOP-CP-044 - Examination and reporting of urinary bladder, ureteric, renal pelvic and urethral specimens
		Interpretive microscopy using various microscopes from Leica, Olympus, Nikon SOP's:
		CSOP-CP-014 - Bowel Cancer Screening Programme Specimens
		CSOP-CP-010 – Dissection and reporting of benign gastrointestinal specimens
		CSOP-CP-025 - Dissection and Reporting of Head and Neck Specimens
		CSOP-CP-050 – Protocol for dealing with the communication of Histopathology results deemed unexpected or critical
		CSOP-CP-051 – Reporting and recording of direct immunofluorescence (DIF) samples
		CSOP-CP-052 – Pathologists review procedures for complex MDT patients with cancer of unknown primary
		CSOP-CP-38 – Clerical aspects of consultant reporting

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	2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK	
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MEDICAL	The Mid Yorkshire Teaching NHS Trust	
9026		
Accredited to	Issue No: 012 Issue date: 22 July 2024	
ISO 15189:2012		

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HUMAN BODY TISSUE AND FLUIDS	Histopathology examination activities for the purpose of clinical diagnosis (cont'd)	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:	
		CSOP-CP-027 - Examination and Reporting of Gastrointestinal Biopsies	
		CSOP-CP-49 – Peer review meeting procedure	
		CSOP-CP-041 – Double reporting of selected specimens	
	Cytopathology (Non-Gynae) examination activities for the purpose of clinical diagnosis		
Human body Fluids and tissues, fine needle aspirates, body fluids, urine, brushings	Examination of basic cellular components in order to identify or exclude morphological and cytological abnormalities	Sample preparation, processing and routine staining Documented procedure & manufacturer's instructions using Envair Hood and Shandon Cytospin. SOP-CP-129 – Non-Gynae Preparation SOP-CP-116 – Non- Gynae/Andrology staining and IQCAir Dried SOP_HAEM_113	
Cytological sections prepared in house as above	Reading and interpretation of slides from processed fluids	Interpretive microscopy using: Olympus/Leica/Nikon Interpretation SOP-CSOP-024 – Reporting of Non Gynaecological Cytology Samples	
END			