


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2012	The Mid Yorkshire Teaching NHS Trust	
	Issue No: 012 Issue date: 22 July 2024	
	Dewsbury and District Hospital Pathology Halifax Rd, Dewsbury WF13 4HS	Contact: Emma Naylor Tel: +44 (0) 1924 543214 E-Mail: enaylor1@nhs.net Website: https://www.midyorks.nhs.uk
Testing performed by the Organisation at the location above only		

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



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DETAIL OF ACCREDITATION

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



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Tissue Samples (cont'd)</p>	<p><u>Histopathology examination activities for the purpose of clinical diagnosis (cont'd)</u></p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Specimen Dissection Manual method using documented procedures: (cont'd)</p> <p>CSOP-CP-048 – Examination and Reporting of Prostatic Biopsies and Resections</p> <p>CSOP-CP-040 – Examination and Reporting of Penile Biopsies and Resections</p> <p>CSOP-CP-044 – Examination and Reporting of Urinary Bladder, Uretic, Renal Pelvic and Urethral Specimens</p> <p>CSOP-CP-014 – Bowel Cancer Screening Programme Specimens</p> <p>CSOP-CP-002 – Procedure for Expert Practitioner Cut-up of Appendix (Category C) Specimens</p> <p>CSOP-CP-028 - Procedure for Expert Practitioner cut-up of Fibro adenoma of the breast (category C) specimens</p> <p>CSOP-CP-029 - Procedure for Expert Practitioner cut-up of Gynaecomastia (category C) specimens</p> <p>CSOP-CP-030 - Procedure for Expert Practitioner cut-up of Prophylactic Mastectomy (category C) specimens</p> <p>CSOP-CP-022- Procedure for Expert Practitioner cut-up of Breast Reduction (category C) specimens</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Tissue Samples (cont'd)</p>	<p><u>Histopathology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Specimen Dissection Manual method using documented procedures: (cont'd)</p> <p>CSOP-CP-015 - Procedure for Expert Practitioner cut-up of Colonic Polyps (category C) specimens</p> <p>CSOP-CP-018 - Procedure for Expert Practitioner cut-up of Fallopian tubes (category B) specimens</p> <p>CSOP-CP-017 - Procedure for Expert Practitioner cut-up of Gallbladder (category C) specimens</p> <p>CSOP-CP-020 - Procedure for Expert Practitioner cut-up of Haemorrhoids (category C) specimens</p> <p>CSOP-CP-019 - Procedure for Expert Practitioner cut-up of LLETZ biopsy (category B) specimens</p> <p>CSOP-CP-013 - Procedure for Expert Practitioner cut-up of Uterus (category C) specimens</p> <p>CSOP-CP-034 - Procedure for Expert Practitioner cut-up of Femoral Head (category C) specimens</p> <p>CSOP-CP-035 - Procedure for Expert Practitioner Cut-up of Microdochectomy (Category C) Specimens</p> <p>CSOP-CP-036 - Procedure for Expert Practitioner Cut-up of Lipoma (Category B) Specimens</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathology examination activities for the purpose of clinical diagnosis</u> (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



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<p><u>Histopathology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>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</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Special stains cont'd:</p> <p>MSB PAS+/-diastase Perl's Schmorl's Shikata's orcein Toluidine blue Van Gieson Von Kossa Ziehl Neelsen Giemsa stain</p>
Tissue Samples	<p>Immunocytochemistry to detect the following:</p> <p>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</p>	<p>Documented procedure & manufacturer's instructions using Leica Bond III Stainer 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</p>



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HUMAN BODY TISSUE AND FLUIDS (cont'd)	<u>Histopathology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:
Tissue samples	<p>Immunocytochemistry to detect the following: (cont'd)</p> <p>Ewings sarcoma, B cell lymphoma GIST Colonic adenocarcinoma Colonic carcinoma Neuroendocrine cells Cytomegalovirus Epithelial cells/mesothelioma panel 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 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</p>	<p>Documented procedure & manufacturer's instructions using Leica Bond III Stainer SOP-CP-138</p> <p>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</p>



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<p>HUMAN BODY TISSUE AND FLUIDS (cont'd)</p> <p>Tissue sample Skin Oral</p> <p>Histological sections prepared in house as above</p>	<p><u>Histopathology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Histopathology – Direct Immunofluorescence for the identification of:</p> <p>immune deposits of IgA immune deposits of IgG immune deposits of IgM immune deposits of C3</p> <p>Morphological assessment and interpretation/diagnosis:</p>	<p>In-house documented procedures using manual methods or analysers in conjunction with manufacturers' instructions as specified:</p> <p>Documented procedure & manufacturers instructions using Leica Bond III Stainer SOP-CP-089.</p> <p>IgA FITC IgG FITC- IgM FITC - C3 FITC -</p> <p>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</p>



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