Black Country Pathology Services

sweet sites Pathology handbook

Information for users | 2020-21

The aim of this handbook is to provide the users of Sandwell & West Birmingham Hospitals NHS Trust with key pathology information. Further specific detailed information can be found in the individual pathology disciplines handbooks.



| General information | 2 |
|--|----|
| Location and access | 2 |
| Opening hours | 3 |
| Laboratory contact details | 3 |
| Pathology supplies | 4 |
| Phlebotomy tube types | 4 |
| Requesting | 5 |
| Patient identification | 5 |
| Guide to taking a perfect blood sample | 6 |
| Requesting pathology tests in Unity | 7 |
| Transport of samples | 9 |
| Vacuum transport systems | 9 |
| high risk samples | 9 |
| General Pathology | 10 |
| Blood Science – Clinical Biochemistry | 11 |
| Blood Science – | |
| Haematology & | |
| Blood Transfusion | 12 |
| Blood Science – | |
| Immunology | 13 |
| Specialist Clinical | |
| Biochemistry | 14 |
| Microbiology | 15 |
| Histopathology | 16 |
| Phlebotomy | |
| Outpatients | 17 |
| РОСТ | 18 |
| Pathology IT | 18 |
| Anticoagulant Services | 18 |
| | |



General Information

SWBH NHS Trust offers a comprehensive pathology service for hospital and primary care users. We also have a range of specialist services that are offered to other laboratories around the UK and overseas. The services are as follows:

City Hospital

- Essential services for Haematology and Clinical Biochemistry
- Blood Bank
- Microbiology & Molecular
- Histopathology
- Phlebotomy
- TPMT
- Toxicology

Sandwell Hospital

- Haematology
- Blood Bank
- Clinical Biochemistry
- Immunology
- Serology
- Phlebotomy
- Manuals
- Vitamins
- Trace Elements

Phlebotomy services are also provided at Rowley Regis Hospital and several community locations.

Location

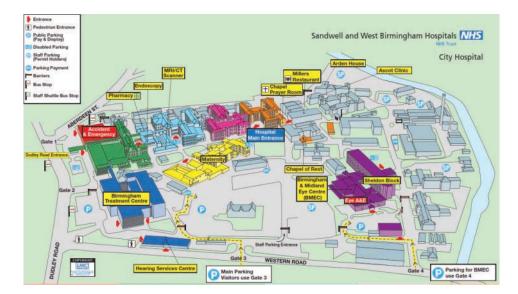
City Hospital

Pathology is located at the top of the main drive, opposite the white colonnades.

Histology and Cytology are located in wards D10 and D9 at the top of the main hospital, ground floor corridor.

Sandwell Hospital

The Pathology Department is located within the main hospital and can be found by following the signs from the lifts on the ground floor main entrance.





Access to Pathology

Access to Pathology is by Trust swipe card (City site) or key fob (Sandwell site) for authorised staff only. Visitors to the department must identify themselves to reception staff, sign in and out of the visitor's book and must only enter the laboratory when accompanied by Pathology staff.

Pathology opening hours

| | Monday - Friday routine hours (excluding Bank Holidays) | Monday - Friday outside routine hours | Saturday and Sunday | Bank Holidays |
|--|--|---|--|--|
| Pathology Reception: City Hospital | 0800 - 1700 | Samples must be delivered to Pathology via the vacuum transport system or by placing them in the drop box at the front of the Pathology building. | | |
| Pathology Reception: Sandwell | 0900 - 1630 | Samples must be delivered to Pathology via the vacuum transport system or by placing them in the drop box outside the Pathology entrance. | | |
| Blood Science & Blood Bank | Full service | Full service | Full service | Full service |
| Toxicology | Full service | On call service | On call service | On call service |
| Immunology & Specialist Chemistry | Full service | No service | No service | No service |
| Microbiology | Full service | On call service | Full service 0900-1700 On call service after 1700 | Full service 0900-1700 On call service after 1700 |
| Histopathology | Full service | On call service | On call service | On call service |

Laboratory contact details

| Department | Main contact |
|---|--|
| Reception City site | 0121 507 4221 |
| Reception Sandwell site | 0121 507 3520 |
| Blood Science call centre | 0121 507 5162 |
| Histology | 0121 507 5371 |
| Microbiology | 0121 507 4261 |
| Immunology | 0121 507 4258 |
| Phlebotomy | 0121 507 5151 |
| Clinical Biochemistry outside routine hours | City bleep 5172 Sandwell bleep 6225 |
| Haematology outside routine hours | City bleep 5251 Sandwell bleep 6226 |
| Microbiology outside routine hours | Contact through switchboard |
| Histopathology outside routine hours | Contact through switchboard |

Pathology supplies

Consumables include:

- Request forms
- Sample tubes & phlebotomy consumables
- Collection bottles for urine, stool and sputum screening

Blood tubes are available from Pathology reception on both sites.

City site contact: 0121 507 4221

Sandwell site contact: 0121 507 3520

Pots for histology samples can be requested directly from the Histopathology Department.

Phlebotomy tube types



| ltem Number | Volume | Cap Colour | Cap Ring Colour | Tube Contents | Tests | Special Instructions |
|----------------|--------|---------------|--------------------|---|--|--|
| 456018 | 5ml | Ochre | Ochre | Clotting Accelerator and Separation Gel | Clinical Chemistry - most analytes including LITHIUM, Antibiotic Assays, Therapeutic Drugs, Glucose (if sample received by Lab within 4 hours) Immunology - most analytes. Virolog y/Serology - all tests including Hepatitis Serology, HIV & immune status. Haematinics (B12, Folate, Ferritin) | DO NOT use EDTA for B12 Folate and Ferritin |
| 454322 | 2ml | | White | Trisodium Citrate | PT, INR, PTT, APTT, Fibrinogen, D Dimers, Protein C, Free Protein S, ATIII, Lupus Anticoagulant, | For Lupus testing and Thrombophilia Screen: 4 Citrate tubes required. |
| 454327 | 3.5ml | Blue | Black | Cillate | Thrombophilia Screen | 4 Girale lubes required. |
| 456084 | 6ml | Green | O Black | Li Heparin | Osmotic Fragility, Chromosomes, Karotyping, 'T' spot, IGRA (TB), Calcitonin Mycobacterial Blood Cultures | For Calcitonin - notify lab and send immediately. For Quantiferon (IGRA) tests special tubes are required; please contact serology. |
| 454036 | 4ml | Lavender | O Black | EDTA | FBC, Sickle Screen, G6PD, Plasma Viscosity, Malaria, Retic, ZPP, Monospot, Haemoglobinopathy Screen (Hb electrophoresis, Thalassaemia Screen). ESR, A.C.T.A Tissue Typing 4ml x 5, Bacterial/Viral PCR, CD4. Cyclosporin, TPMT, Homocysteine, ACTH, Blood Porphyrins, Renin, TGN, Lymphocyte markers, Gut hormones | Blood bank - see Crossmatch labelling. ETDA 4ml & 9ml for special tests - contact Lab. ACTH, Renin and Gut hormones – notify lab and send immediately must be received within 30 mins. |
| 454022 | 3ml | Red | O Black | EDTA K3 | HbA1c - Glycated Hb | DO NOT stick anything on tube below label |
| 454238 | 2ml | Grey | Black | NaF/EDTA | Glucose - if delivery to Lab is delayed and for GP specimens | |
| 456052 | 6ml | Pink | O Black | EDTA for Cross match | Group and Save, Crossmatch. Ante-natal screening | 3 tubes required for antibody investigations Samples must be labelled with patient's surname, given name, DoB and unit No., also signed and dated by the blood taker |
| 456080 | 6ml | Royal Blue | O Black | Sodium Heparin Trace Elements | Trace element assays including Copper, Zinc and Selenium | |

Requesting

Electronic

Electronic requesting is the preferred option for all requests to Pathology with the exception of Histopathology. The use of electronic requesting reduces transcription errors and is encouraged throughout the Trust.

Paper

Histopathology request forms are available from the Histology Department. Microbiology and Blood Sciences request forms are available from Pathology reception on both sites. All forms must be completed with patient information and relevant clinical details. Before sending samples to Pathology, ensure data entered is correct and that information on the form matches that on the sample labels and on the patient wrist band. If completing forms by hand, writing must be clear. Illegible requests may cause errors and compromise the quality of results. If writing by hand print name and include registration number, otherwise use a registration stamp. Please include contact details.

Add on requests

Requests for additional tests must be made directly to the relevant department and will be added if appropriate.

Patient identification

Patient identification **must** be confirmed before taking a blood sample. All samples **must** be labelled immediately, using either an identification sticker or by writing the patient's full name, RXK number and date of birth on the tube. If the sample is for blood bank, it must be labelled by hand, all the boxes on the specimen label **must** be completed and it **must** be signed. Blood Bank samples with printed labels will be rejected.

- NEVER pass samples to someone else for labelling
- NEVER label tubes before you take blood samples
- If the outside of containers become contaminated with blood or other body fluids, ensure the containers are wiped clean before sending them to the laboratory.
- Ensure caps are closed securely to prevent leakage.

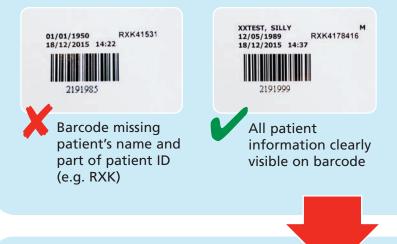
NOTE: A syringe must never be used to inject a sample into a Vacuette tube. This practice is hazardous (being a common cause of needlestick injury) and will compromise the quality of the sample.



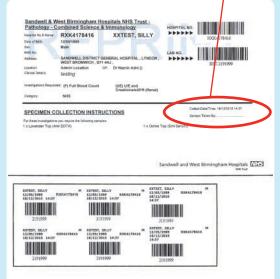
Guide to taking a perfect blood sample

Request forms

- Use electronic requesting wherever possible.
- Contact your IT department for assistance with aligning your printer.
- Hand written request forms MUST include surgery & doctor's name, preferably using the surgery's stamp.



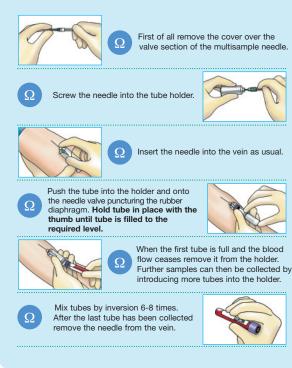
Date and time of sample collection and ID of person taking sample must be clearly written on the form here.



2 Taking blood

Correct technique

• Refer to Greiner information sheet.



Order of draw

- Bloods MUST be taken in the correct order to avoid sample contamination.
- Invert Samples 6–8 times



First

Last

Labelling samples

• Labels must be attached to the sample tube as straight as possible with a gap left so sample is visible. If there are no sticky labels: all patient information MUST be clearly written by hand.

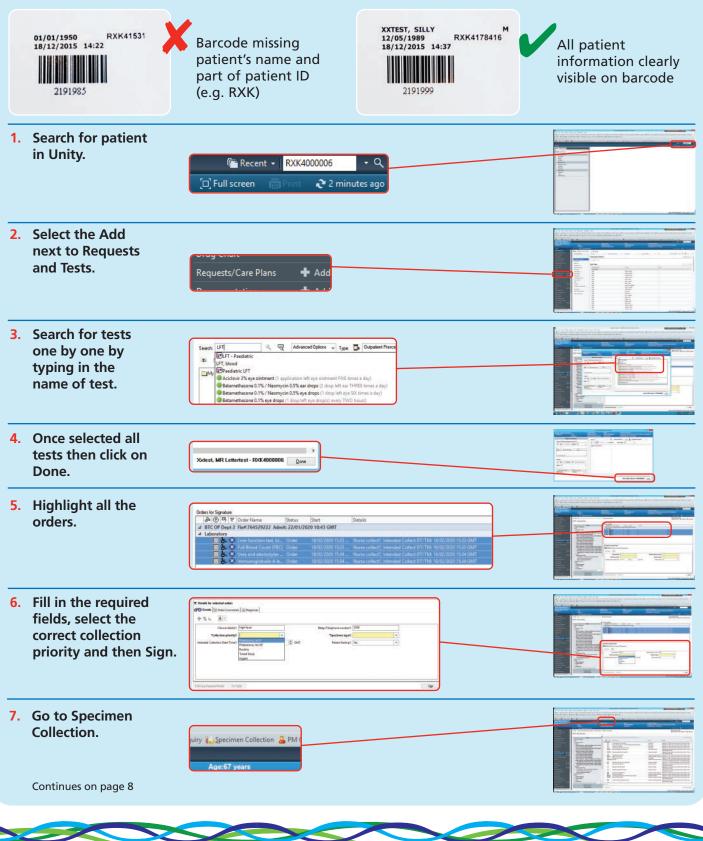


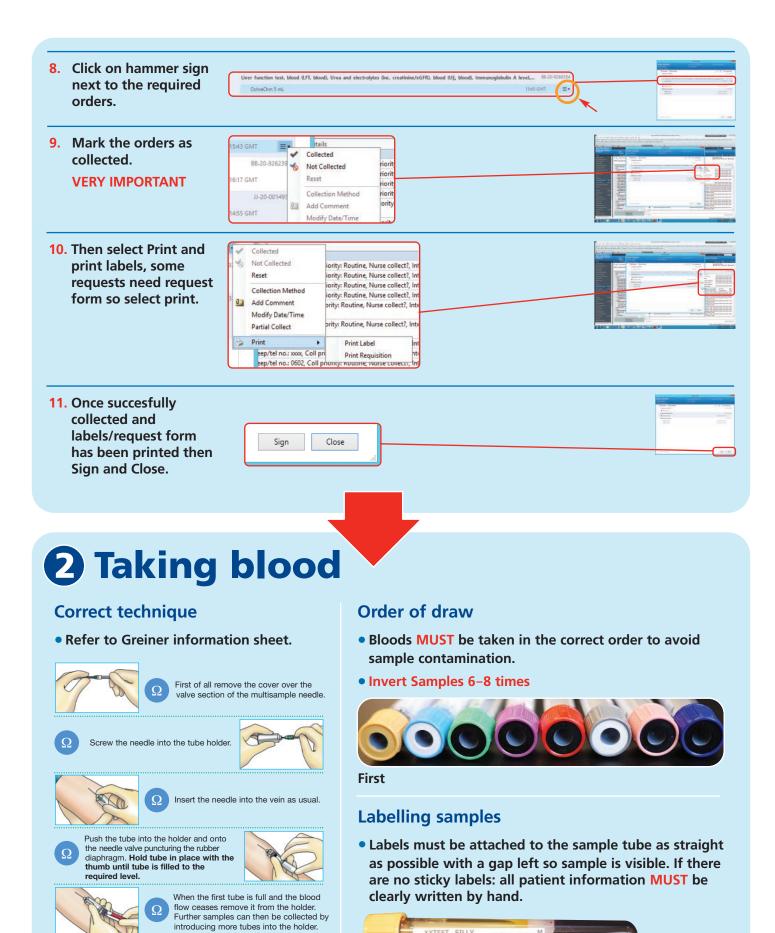
Page 6 | Pathology Handbook | 2020-21

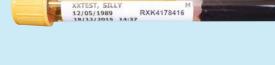
Requesting Pathology tests in Unity

Request forms

- Use electronic requesting wherever possible.
- Contact your IT department for assistance with aligning your printer.
- Hand written request forms MUST include ward and doctors name.







Mix tubes by inversion 6-8 times. After the last tube has been collected remove the needle from the vein.

Transport of samples to the laboratory

All samples must be packaged in plastic specimen bags and sent to the laboratory in a safe manner.

For regular transport of multiple samples, bags and boxes that comply with Health & Safety regulations are available from Pathology.

For any queries relating to transport of samples across sites or GP Practices please email: swbh.pathology-it@nhs.net.

Use of vacuum transport systems

Most samples can be transported directly into the laboratory via the vacuum transport (air tube) systems. However, it is important to remember that the system **MUST NOT** be used for the following:

- Histology samples in formalin
- Cytology samples
- Items weighing over 1.5Kg
- Flammable substances
- Sharps
- Glass containers
- Any samples known or suspected to have TB or other Mycobacteria infection
- Items that are temperature sensitive

It is not recommended to send blood gas samples or non-repeatable samples such as CSF in the system. Samples must be packaged in a plastic transport bag and placed in a correctly closed, system specific carrier.

At Sandwell site

- Select destination Pathology (3130 or 3131)
- Place the carrier in the system
- Green and orange lights indicate sample is in transit

At City site

- Access system with key code c1980Y
- Place carrier in system and select destination 222
- Green light indicates sample is in transit

System faults must be reported to Pathology.

High risk samples

Any sample that is considered to be human pathogen hazard group 4 e.g. ?viral haemorrhagic fever, ?MERS-CoV etc **MUST NOT** be sent using the vacuum transport systems. Please contact Microbiology on extension 4261 and send urgently to the laboratory using a clean red UN3733 transport box. Always speak to the Consultant Microbiologist prior to taking any samples as they can advise you appropriately.

Please follow the IFC Policy on the Care and Management of Viral haemorrhagic fever/human pathogen hazard group 4 infections SWBH/COI/024 and Infection Prevention and Control in the Collection, handling and safe transportation of Pathology specimens in clinical areas SWBH/COI/033.

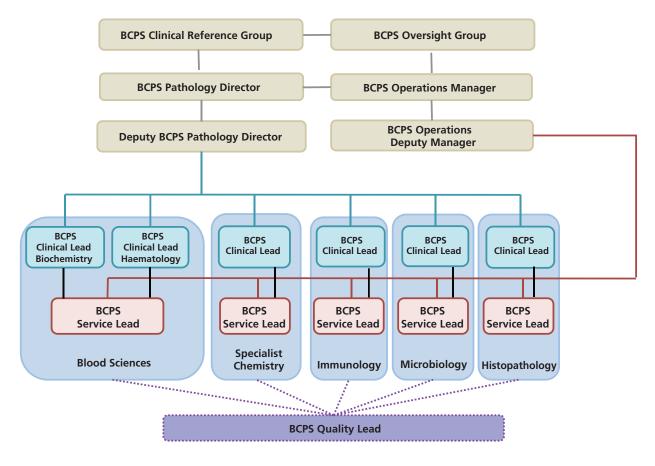
General Pathology

Overview of Pathology

Contact details

| Contact | Number | Email address |
|--|---------------|-----------------------|
| BCPS –SWBH Pathology | | |
| Deputy BCPS Operational Group Manager Diane Edwards | 0121 507 4260 | diane.edwards@nhs.net |

Organisational chart



Clinical Biochemist ood Science

Blood Science – Clinical Biochemistry

We have Essential Service Laboratories at City and Sandwell Hospitals.

The Clinical Biochemistry service utilises modern analytical instruments to offer a service for acute and hospital patient clinical biochemistry testing.

We operate a 24- hour emergency service for both the hospital and other users of our service. Samples from acute sites are treated as urgent and other samples when they are clearly indicated as being required urgently.

Help with result interpretation and enquiries regarding clinical aspects of the service can be made to the duty biochemist during working hours. Outside of working hours there is a consultant on-call service contactable through the SWBH switchboard.

Contact details

| Contact | Number | Email address |
|--|---------------|---------------------------|
| Call Centre (results & general enquiries) | 0121 507 5162 | - |
| BCPS Biochemistry Clinical Lead Dr Helen Ashby | 0121 507 5385 | helen.ashby@nhs.net |
| Consultant Chemical Pathologist Dr. Elizabeth Hughes | 0121 507 3184 | elizabeth.hughes3@nhs.net |
| BCPS Essential Services Laboratory Lead – Simon Brown | 0121 507 3930 | simon.brown8@nhs.net |
| Sample Reception Manager Maria Aslam | 0121 507 3251 | maria.aslam@nhs.net |

For further details please see departmental handbook.

Trust staff can access this via the SWBH intranet -

https://connect2.swbh.nhs.uk/pathology/specialist-clinical-biochemistry/

Blood Science – Haematology & Blood Transfusion

We have laboratories at both City and Sandwell Hospitals. There is also a blood transfusion laboratory at both City and Sandwell hospitals.

The haematology and blood bank service utilises the latest analytical equipment to have a fast turn round of routine tests. The department offers a comprehensive service for clinical haematology and blood bank. This includes provision for hospital inpatients and outpatients.

We operate a 24- hour emergency service for both the hospital and other users of our service. All samples from acute sites are treated as urgent and other samples when they are clearly indicated as being required urgently. Consultant haematologists are available to offer further advice and testing strategies.

Contact details

| Contact | Number | Email address |
|---|----------------------------------|---------------------------|
| Call Centre (results & general enquiries) | 0121 507 5162 | - |
| BCPS Haematology Clinical Lead Dr. Shivan Pancham | 0121 507 5358 | shivan.pancham@nhs.net |
| Consultant Dr. Christine Wright | 0121 507 5358 | christinewright1@nhs.net |
| Consultant Dr. Richard Murrin | 0121 507 5358 | richard.murrin@nhs.net |
| Consultant Dr. Yasmin Hasan | 0121 507 3095 | yasmin.hasan@nhs.net |
| Consultant Dr. Farooq Wandroo | 0121 507 3095 | farooq.wandroo@nhs.net |
| BCPS Essential Services Laboratory Lead – Simon Brown | 0121 507 3930 | simon.brown8@nhs.net |
| Deputy Manager Helen Watson | 0121 507 3671 / 0121 507 5361 | helen.watson11@nhs.net |
| Blood Bank Senior BMS Loraine Blackwood | 0121 507 4251 | loraine.blackwood@nhs.net |
| Blood Bank City site (results & general enquiries) | 0121 507 4251 | |
| Blood Bank Sandwell site (results & general enquiries) | 0121 507 3110 | |

For further details please see departmental handbook.

Trust staff can access this via the SWBH intranet -

https://connect2.swbh.nhs.uk/pathology/blood-science-haematology-blood-transfusion/ For anyone outside the Trust please contact the laboratory directly.

Blood Science – Immunology

We offer a comprehensive service for immunology which moves to our Wolverhampton Laboratory in 2020. Our services are centralised to our Sandwell laboratory.

Staff are available throughout the working day to offer advice on assay requests and on test results as well as their availability on ICM. A medical member of staff is usually available to provide clinical advice by contacting the secretaries on 0121 507 4250.

Contact details

| Contact | Number | Email address |
|--|---------------|-------------------------|
| Laboratory (results & general enquiries) | 0121 507 4258 | - |
| Consultant Head of Department Dr. Sadia Noorani | 0121 507 4250 | sadia.noorani@nhs.net |
| Consultant Dr. Jonathan North | 0121 507 4250 | jonathan.north@nhs.net |
| Consultant Dr. Surendra Karanam | 0121 507 4250 | surendrakaranam@nhs.net |
| BCPS Immunology Service Lead Helen Sandy | 0121 507 4606 | helen.sandy@nhs.net |

For further details please see departmental handbook.

Trust staff can access this via the SWBH intranet -

https://connect2.swbh.nhs.uk/pathology/blood-science-immunology/

Specialist Clinical Biochemistry

The specialist clinical biochemistry laboratories are located at both City and Sandwell Hospital.

Our specialist services are offered to our own hospital patients and we also act as a referral centre for the rest of the United Kingdom. We offer tests that harness the power of modern clinical science that help with efficient and effective patient care. In particular we have pioneered methods in Toxicology, Trace Elements and appropriate routine testing in Pharmacogenomics.

Contact details

| Contact | Number | Email address |
|---|---------------|---------------------------|
| Call Centre (results & general enquiries) | 0121 507 5162 | - |
| BCPS Specialist Services Clinical Lead – Pervaz Mohammed | 0121 507 5353 | pervaz.mohammed@nhs.net |
| BCPS Specialist Service Lead Vanessa Lane | 0121 507 6027 | vanessalane@nhs.net |
| Vitamins & Trace Elements Laborat | tory | |
| Consultant Clinical Scientist Dr Nicola Barlow | 0121 507 2947 | nicola.barlow1@nhs.net |
| ТРМТ | | |
| Principal Clinical Scientist Rachel Jones | 0121 507 6024 | rachellouisejones@nhs.net |
| Manuals Laboratory | | |
| Principal Clinical Scientist Alex Thurston-Postle | 0121 507 3441 | a.thurston-postle@nhs.net |
| Toxicology Laboratory | | |
| Laboratory | 0121 507 4138 | |
| Consultant Clinical Scientist Dr. Loretta Ford | 0121 507 6026 | loretta.ford@nhs.net |

For further details please see departmental handbook. Trust staff can access this via the SWBH intranet – https://connect2.swbh.nhs.uk/pathology/specialist-clinical-biochemistry/ For anyone outside the Trust please contact the laboratory directly.

Microbiology

The main laboratory is located at City Hospital. In 2020 our main laboratory will move to Wolverhampton.

The Microbiology Department is a consultant led service staffed by specialist Biomedical Scientists and support staff all providing a quality diagnostic microbiology service. We provide comprehensive services to hospital inpatients, outpatients and referral samples from general practice. The service comprises bacteriology (including mycobacteriology), mycology, parasitology, molecular biology, chlamydia, serology and virology, including rapid assays for the diagnosis of viral and bacterial infection.

Contact details

| Contact | Number | Email address |
|---|--------------------------------|-----------------------------|
| Results & General Enquiries: Microbiology Laboratory | 0121 507 4261 0121 507 4262 | - |
| Results & General Enquiries: Serology Laboratory | 0121 507 3530 | - |
| Consultant Head of Department Dr Jonathan Swindells | 0121 507 5402 | jonathan.swindells1@nhs.net |
| Consultant Dr. Tranprit Saluja | 0121 507 5742 | tsaluja@nhs.net |
| Consultant Dr Abhinav Kumar | 0121 507 6486 | abhinavkumar@nhs.net |
| Consultant Dr Mark Li | 0121 507 5402 | mark.li@nhs.net |
| Laboratory Manager Ashok Dadrah | 0121 507 5906 | ashok.dadrah@nhs.net |
| Deputy Manager David Tranter | 0121 507 5693 | david.tranter@nhs.net |

For further details please see departmental handbook.

Trust staff can access this via the SWBH intranet –

https://connect2.swbh.nhs.uk/pathology/microbiology/

Histopathology

The Histology and Cytology laboratories are located on a single site D10 & D9 on the ground floor at City Hospital. In 2020 the laboratory will move to Wolverhampton. Mortuaries are present on both City and Sandwell Hospital sites.

The Histopathology Department is a consultant led service staffed by specialist Biomedical Scientists and support staff, providing a comprehensive high quality diagnostic histopathology service.

Contact details

| Contact | Number | Email address |
|---|--------------------------------|----------------------------|
| Histology laboratory | 0121 507 5371 | - |
| Cytology laboratory | 0121 507 4266 | - |
| Office (general enquiries) | 0121 507 4231 0121 507 5350 | - |
| Mortuary City site | 0121 507 4259 | - |
| Mortuary Sandwell site | 0121 507 3280 | - |
| Consultant Dr. Madhavi Maheshwari | 0121 507 4268 | madhavi.maheshwari@nhs.net |
| Consultant Dr. Suhail Muzaffar | 0121 507 6476 | suhail.muzaffar@nhs.net |
| Consultant Dr. Parveen Abdullah | 0121 507 6477 | parveen.abdullah@nhs.net |
| Consultant Dr. Ulises Zanetto | 0121 507 5357 | ulises.zanetto@nhs.net |
| Consultant Dr Shakhee Garai | 0121 507 6483 | shakhee.garia@nhs.net |
| Consultant Dr Mirza Sharjil Baig | 0121 507 4224 | mirza.baig1@nhs.nst |
| Consultant Dr Monica Ahluwalia | 0121 507 4267 | monica.ahluwalia@nhs.net |
| Histopathology Services Manager – Diane Edwards | 0121 507 4260 | diane.edwards@nhs.net |
| BCPS Cellular Pathology Service Lead – Rita Mistry | 0121 507 6475 | rita.mistry@nhs.net |
| Mortuary Senior MTO Lawson Davis | 0121 507 3280 | lawson.davis@nhs.net |

For further details please see departmental handbook.

Trust staff can access this via the SWBH intranet –

https://connect2.swbh.nhs.uk/pathology/histopathology/

Phlebotomy Outpatients

Phlebotomy works closely with BCPS – SWBH Pathology but is directly managed by the SWBH Communities & Therapies Group.

The Phlebotomy Department at City site is located in the Birmingham Treatment Centre, ground floor at City Hospital.

The Phlebotomy Department at Sandwell is situated in the Outpatients Department on the ground floor at Sandwell Hospital.

The Rowley Regis Phlebotomy Department is situated on the ground floor in the Outpatients Department.

Contact details

| Contact | Number | Email address |
|---|----------------------------------|--------------------------|
| Phlebotomy Manager Sukhvinder Atkar | 0121 507 4824 | sukvinder.atkar@nhs.net |
| Phlebotomy Supervisor Sharon Campbell | 0121 507 3650 / 0121 507 3657 | sharon.campbell5@nhs.net |
| Senior Phlebotomist at City Sandra Evans | 0121 507 5151 | sandra.evans10@nhs.net |
| Senior Phlebotomist at Rowley Regis Hospital Anita Truslove | 0121 507 6323 | anita.truslove@nhs.net |

A routine phlebotomy service is provided seven days a week from 7am till 10.30am.

Sandwell site phlebotomy cover

| Floor | Wards | |
|-----------|-------------------|--|
| 1st Floor | AMUB, AMUA & OPAU | |
| 2nd Floor | P2, L2, N2 | |
| 4th Floor | P4, L4, N4 | |
| 5th Floor | P5, L5, N5 | |

For further phlebotomy details please see pages 4-6.

City site phlebotomy cover

| Floor | Wards |
|--------------|---|
| Ground Floor | AMU1, D5, D7 |
| 1st Floor | AMU2, D11, D15, D16 & Female Surgical Ward |
| 2nd Floor | D21, 25, D26, D27 |

The Point of Care Testing (POCT) Committee is run from the Pathology Department. We support POCT when it offers effective and efficient treatment pathways across the pathology disciplines. This includes established procedures such as urinalysis, glucose testing, blood gas and electrolyte analysis. We also look at new innovations as they arise in to see if they have a role for our patients.

POCT contact details

| Contact | Number | Email address |
|------------------------------|---------------|--------------------------|
| POCT Manager Vanessa Lane | 0121 507 6027 | vanessalane@nhs.net |
| POCT Office | 0121 507 5352 | swb-tr-swbh-poct@nhs.net |

Anticoagulant Services

Our extensive anticoagulant section offers services both within the hospital and community.

Anticoagulant Services contact details

| Contact | Number | Email address |
|---|---------------|---|
| Anticoagulant Services Manager Joanne Malpass | 0121 507 4907 | joanne.malpass@nhs.net |
| Enquiries | 0121 507 3615 | swb-tr.SWBH-GM-anticoagulant-services@nhs.net |

Pathology IT

Pathology IT provides dedicated digital services to the laboratory and its clients. Working in liaison with Trust IT and external suppliers, the service maintains local hardware and software to enable a wide range of electronic requesting and reporting. In addition Pathology IT supplies data and information in support of various administrative requirements.

Pathology IT contact details

| Contact | Number | Email address |
|---------------------------------------|---------------|---------------------------|
| Pathology IT Manager Noman Manzoor | 0121 507 5366 | rnm@nhs.net |
| General Pathology IT related queries | 0121 507 6600 | swbh.pathology-it@nhs.net |

:CPS

NHS Pathology Serving the Black Country

General Enquiries: info@bcpathology.org.uk | 0121 507 5348 | www.bcpathology.org.uk

Provided by Sandwell and West Birmingham NHS Trust, The Dudley Group NHS Foundation Trust, The Royal Wolverhampton NHS Trust and Walsall Healthcare NHS Trust.