

Covid 19 testing

SWABBING

<https://newintranet/departments/nursing-governance/infection-prevention>

- Objectives
- Understand process for testing - see Flow Chart
- complete paperwork lab request see link
- Appropriate PPE – Donning Doffing - watch Video and Posters
- Testing procedure Nasal/Oropharyngeal /Sputum/Bloods
- Safe packaging and transport of samples Video and Poster
- **NOTE DO NOT INSERT NASAL SWAB TOO FAR THAT IT INDUCES COUGHING**

- Medical Review – **Low threshold for suspicion** let's keep Covid19 off our wards
- FLOW CHART
- This flow chart details all the stages from clinical decision to swab to receiving result

Flow chart has details of collection and delivery page 2

<https://newintranet/coronavirus-swabbing>

- **For transportation of swabs –**
- **during office hours** the call can be logged with Transport department via **as urgent**
-
- 0161 358 1480
- or Chris Cullen -Transport Mgr –
- Chris Oldlands – Transport Supervisor-

- **Out of hours ?**

- a taxi can be organised via GMMH Switchboard on 0161 773 9121
- advise of the full address and postcode of the virology lab so that we can advise the taxi company where to deliver.

- **send to**
- Manchester Virology Reception, Third Floor, Clinical Science Building 1, Oxford Road, Manchester, M13 9WL

Video + Posters– Donning Doffing

- <https://www.youtube.com/watch?v=8jz0ecujwtY&feature=youtu.be>
- Goggles or visor MUST be worn for TESTING as risk of eye splashing.
- Note :FFP2R to be used for testing
- Ensure gloves, apron, ffp2R, goggles/visor

- Click link for web page of posters and videos of donning and doffing ppe
- <https://www.gov.uk/government/publications/wuhan-novel-coronavirus-infection-prevention-and-control>

Request Form

Complete the details on E28 form and Viral Transport Medium before obtaining samples (reduces the risk of cross contamination)

Ensure NHS number, name, DOB etc completed

Write on request for additional tests of influenza A B and RSV

- Additionally, consider if blood samples are necessary, take a sample for acute serology • 5mL serum tube or plain (no additive) tube;
- Tick box for sars 2 covid
- Note the initials BAL mean Bronchoalveolar lavage -WE ARE NOT PERFORMING as CLASSED AS AGP
- Ensure paperwork is placed inside the box not inside the plastic container – see video.

Obtaining an upper respiratory tract diagnostic sample video

This resource describes the techniques involved in obtaining an upper respiratory tract COVID-19 diagnostic sample and covers the:

- options available in relation to COVID-19-Upper respiratory tract samples
- technique involved in obtaining a nose swab
- technique involved in obtaining a throat swab

Obtaining an upper respiratory tract diagnostic sample video

<https://youtu.be/qPRuKEzzz40>



Both swabs are
put into **one** Viral
Transport
Medium tube



Nasal Swab -Do
not insert too far
that the swab
induces coughing

Swabbing Technique

- Do not perform a nasopharyngeal swab
- As a nasopharyngeal swab is considered to be an aerosol-generating procedure (AGP), because, it can induce coughing.
- **Therefore only insert the nasal swab no more than 1 inch in one nostril**
- Complete an oral swab (both nasal and oral swabs are placed in the same Viral Transport Medium)
- Acquire Sputum sample if possible– hand a sputum container to the patient, stand back 1 -2 metres.
- If the patient cannot easily produce a sputum then do not induce.
- <https://www.ecdc.europa.eu/sites/default/files/documents/COVID-19-infection-prevention-and-control-healthcare-settings-march-2020.pdf>

Safe Packaging - video

<https://www.gov.uk/government/publications/wuhan-novel-coronavirus-guidance-for-clinical-diagnostic-laboratories/covid-19-packaging-of-covid-19-samples-for-referral-to-regional-testing-labs-video>

Poster

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/866632/COVID-19 Sample Packaging Instructions PHE A3 poster 12.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/866632/COVID-19_Sample_Packaging_Instructions_PHE_A3_poster_12.pdf)

Nasal swab
+
Throat swab
In one viral
transport
medium
container

if
necessary:

Sputum

Bloods

All to be
bagged and
put in the
same bio
bottle

Public Health
England

Suspected COVID-19 cases Sampling and Packaging

Diagnostic samples for suspected cases

1. Upper respiratory tract sample options:
– individual nose and throat swabs in separate collection tubes OR
– combined nose and throat swab in one collection tube containing universal transport medium OR
– single swab used for throat then nose OR
– nasopharyngeal aspirate.

2. Lower respiratory tract sample in universal container (sputum) if obtainable.

If the patient is admitted, take a sample for acute serology: 5mL in either serum tube or plain (no additive) tube. For children <12 years, 1mL is acceptable.

Packaging

1. Ensure lids are tight and decontaminate outside
2. Wrap sample with absorbent material
3. Individually place into zip-lock bag
4. Seal zip-lock bag & change gloves
5. Add all wrapped samples into second bag
6. Wrap bagged samples in ample packaging & place into bio-bottle
7. Firmly attach lid
8. Ensure E28 request forms for each individual sample are **OUTSIDE** the bio-bottle
9. Place E28 request forms & bio-bottle into transport box & add security seal
10. Label box with 'Priority 10', you can download the labelling template at bit.ly/2vRNxT

Download the request form for COVID-19 (formerly novel coronavirus 2019-nCoV)
www.gov.uk/government/publications/testing-for-wuhan-novel-cov-2019-ncov

COVID-19 Screening Request Form

- For transportation of swabs –
- **during office hours** the call can be logged with Transport department via **as urgent**
-
- 0161 358 1480
- or Chris Cullen -Transport Mgr –
- Chris Oldlands – Transport Supervisor-

- **Out of hours**
- a taxi can be organised via Switchboard on 0161 773 9121
- advise of the full address and postcode of the virology lab so that we can advise the taxi company where to deliver.
- **send to**
- **Manchester Virology Reception,**
- **Third Floor, Clinical Science Building**
- **1, Oxford Road,**
- **Manchester,**
- **M13 9WL**