

COVID-19 Assessment and testing pathway for use in a HOSPITAL SETTING



At entry to hospital: Segregate possible COVID-19 and non COVID-19 patients into two Parallel Streams

STANDARD PRECAUTIONS (SP)

See [here](#)

CONTACT & DROPLET PRECAUTIONS:

- **Hand Hygiene**
 - **Patient placement:** In a single room if available, or cohort if appropriate
- PPE** (see [here](#) for further information):
- **Respiratory protection** (surgical mask)
 - **Gloves**
 - **Long-sleeved gown** (for high contact activities) / **apron** (for low contact activities)
 - **Eye protection** as per risk assessment* (face shield or goggles)

*where there is a risk of blood, body fluids, excretions or secretions (including respiratory secretions) splashing into the eyes.

AIRBORNE precautions for aerosol generating procedures

- As above but use an **FFP2 mask** (rather than surgical mask) and **long-sleeved gown**

Laboratory test: Not Detected

Maintain IPC precautions until discussed with IPC team.

Note: If virus is not detected in an upper respiratory tract sample, clinical suspicion for COVID-19 should be maintained in patients with severe respiratory disease that is not readily explained. Testing of lower respiratory tract samples can be considered, if available.

Criteria for COVID-19 parallel stream:

New onset of acute respiratory illness, Influenza-like illness or hypoxic respiratory failure in a previously healthy person
OR

Acute deterioration of existing respiratory disease requiring hospital assessment
OR

Temperature above 38°C or chills in the absence of reasonable evidence of infection at a non-respiratory site

Clinical judgement should be applied in application of these criteria to determine who requires testing.

Clinician should be alert to the possibility of atypical presentations in older patients and those who are immunocompromised.

Patients should wear a surgical mask, if tolerated.

Assess and rapidly differentiate into discharge to Home/Community management versus need for Acute Hospital Management

Discharge to community

Admission to hospital

If patient is well and does not need hospital admission:

- **If symptomatic** and belongs to a group **prioritised for testing** as detailed in [Telephone assessment and testing pathway for patients who phone general practice and healthcare settings other than receiving hospitals](#), ask patient to return home and contact **GP to arrange testing**. If the patient does not have a GP, they will be facilitated, as detailed [here](#). **Do not use 999 OR 112.**
- **If not in these prioritised groups, testing is not needed.**
- The patient may be driven home by a person who has already had significant exposure, who is aware of the risks and who is willing to drive them. If patient had driven themselves, they may drive home if feeling well enough to drive.
- Whether a patient is in a group prioritised for testing or not, they should be advised to remain in self-isolation pending test result and household contacts are advised to restrict their movements.
- See [here](#) for details about length of time for self-isolation and restricted movements as well as guidance for the patient on self-isolation at home and advice for someone who shares the same home with someone who has or may have COVID-19.

- **ISOLATE** in a single room if possible
- **STANDARD, CONTACT & DROPLET PRECAUTIONS**
- See [Laboratory guidance for COVID-19](#) for details on SARS-CoV-2 testing: Combined swab for **NASOPHARYNGEAL** and **OROPHARYNGEAL SAMPLE** (one swab to test both is sufficient) or **Bronchoalveolar lavage (BAL)** or **ENDOTRACHEAL ASPIRATE** or **SPUTUM** (if produced).
- **ADVICE** available from the **National Isolation Unit (NIU)** (adults): **01-830 1122** and **CHI** (paediatrics): **01-409 6100** as required (ask for ID Consultant on call).
- Continue isolation in a single room while awaiting test results.

LABORATORY TEST POSITIVE

- **Laboratory** to inform **clinician** and input data on **CIDR**
- All patient management to be supported by input from **ID Clinician/Microbiologist in line with IPC guidance**
- **PUBLIC HEALTH** to input information from [COVID-19 case form](#) on **CIDR**