Does the patient meet the case definition for a COVID-19 case?

Persons with acute respiratory illness with sudden onset of at least one of the following: cough, sore throat, shortness of breath or fever (≥38°C (measured) or history of fever (subjective)) irrespective of admission status AND in the 14 days prior to onset of symptoms, met at least one of the following epidemiological criteria:

- Were in close contact1 with a confirmed2 or probable3 case of SARS-CoV-2 infection; OR
- Had a history of travel to areas with presumed ongoing community transmission of SARS-CoV-2; (Visit WWW.NICD.AC.ZA for an updated case definition). OR
- Worked in, or attended a health care facility where patients with SARS-CoV-2 infections were being treated. OR
- Admitted with severe pneumonia of unknown aetiology.

**Monitoring stopped**

Asymptomatic contact, 14 days post-exposure

**Symptomatic contact**

- Daily, telephonic-monitoring
- Self-monitoring

**YES**

SARS-CoV-2 testing indicated.

Follow IPC measures (left)

Complete specimen submission form, patients under investigation form, and contact list. Email to ncov@nicd.ac.za

**NO**

Collect specimen: Combined nasopharyngeal and oropharyngeal swabs in ambulatory patients and sputum (if produced) and/or tracheal aspirate or bronchoalveolar lavage in patients with more severe respiratory disease

Notify to provincial CDC and NHC system

- Request respiratory panel, especially influenza, RSV
- Review aetiology
- Reassess, if patient fails to improve and no alt diagnosis confirmed

**Ship specimens and documentation to NICD**

- PCR: SARS-CoV-2
- Serial nasopharyngeal and oropharyngeal swabs
- Bronchoalveolar lavage in patients with more severe respiratory disease
- Nasopharyngeal aspirates
- Tracheal aspirates

**Disccuss with NICD (Hotline: 082-883-9920)**

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**IPC measures**

- Evaluate patient in private room
- Isolate patient to aseptic surgical mask and PPE
- Consider isolation gown, surgical mask or N95 mask (as available)
- Adequate standard precautions for all healthcare workers
- Add contact and droplet precautions for close contacts
- Use appropriate dressing (eg N95 mask) and eye protection when performing aerosol-generating procedures
- Gloves and/or gowns can be used at all times
- Use designated portable X-ray equipment

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**CONTACT DETAILS:**

**Province**: Province health authorities or provincial CDC coordinators.

**Document submission**: ncov@nicd.ac.za

**Website**: www.nicd.ac.za

**24h NICD Hotline**: 082-883-9920

**CDC Coordinator**

**Contact number(s)**

<table>
<thead>
<tr>
<th>Province</th>
<th>CDC Coordinator</th>
<th>Contact number(s)</th>
</tr>
</thead>
<tbody>
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