Assess patient

Initial care

Testing

Results available

Does the patient have any of the following?
- Fever (temp > 37.5 degrees Celsius) OR cough (new onset or exacerbation of chronic cough) OR shortness of breath

Illness not compatible with COVID-19. COVID-19 testing NOT indicated. Use point of care risk assessment for further patient care

Does the patient have relevant history??
- Travel outside of Canada to a country known to have local transmission (based on Table 2 in the daily World Health Organization Situation Report) of COVID-19 in the 14 days before onset of illness OR
- Close contact** with a confirmed or probable case of COVID-19 within 14 days before onset of illness OR
- Severe respiratory infection of unknown etiology, requiring ICU care

Note: For most up to date information on areas with local transmission, please refer to Table 2 in the Daily World Health Organization Situation Reports: https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports

COVID-19 infection is unlikely. Collect Nasopharyngeal (red top) swab for Influenza PCR testing

Use droplet and contact precautions. Private room NOT required

Refer to Acute Respiratory Illness Protocol

Physician to phone and alert Medical Microbiologist on call about patient ASAP

Is patient intubated or requiring non-invasive ventilation (eg: CPAP, BiPAP, high flow oxygen), or likely to require these interventions?

NO

Place patient in private room with door closed

YES

Place patient in negative pressure room with door closed

Put up droplet and contact with enhanced PPE precautions signs

Determine type of care to be provided to patient

Routine care

Aerosol generating procedures***

All healthcare workers (HCW) and physicians must do:
- Gown
- Gloves
- Procedure mask
- Eye protection

Ensure appropriate specimens have been collected for Influenza and Novel Coronavirus (COVID-19) PCR:
- 1 Nasopharyngeal (red top) swab AND
- 1 Throat (blue top) swab OR sputum OR endotracheal aspirate***

Review COVID-19 results

Positive

Keep patient on droplet/contact precautions

Indeterminate

Keep patient on droplet/contact precautions. Contact Medical Microbiologist on call regarding need to recollect specimen ASAP

Negative

Refer to Acute Respiratory Illness Pathway

Pending and patient being discharged

- Discharge patient with surgical mask and advise them to self-isolate until they receive a test result
- Provide patient with information sheet ****
- Inform patient their results will be available within 7 days and can be accessed by phoning 1-833-707-2792 (Monday to Friday, 8:30am to 4:30pm)
- Inform patient the Communicable Disease Unit will follow up with them if their results are positive

When specimens are negative, consult Infection Control Practitioner (Monday to Friday, 8am to 4pm) or Medical Microbiologist (after hours and weekends) to determine if patient can be taken off isolation

*Risk factors will be updated as the situation evolves. Please check online at the IDERSC Website for latest version (http://idesait.on.ca/covid-19/)
**Close contact defined as someone who:
- provided care for the patient, including healthcare workers, family members or other caregivers, or who had other similar close physical contact, OR
- who lived with or otherwise had close prolonged contact with a probable or confirmed case while the case was ill.
***Aerosol generating procedures require airborne, droplet and contact precautions, and include (but are not limited to):
- Manual ventilation before intubation, endotracheal intubation, high frequency oscillatory ventilation, open airway suctioning, non-invasive ventilation (eg: CPAP, BiPAP), humidified oxygen, nebulized medication administration, tracheostomy care, cardio-pulmonary resuscitation, high flow oxygen, and bronchoscopy

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