

Broome County Mobile PCR Testing

Purpose:

The mobile testing clinic will target geographic areas of positivity rates in order to identify positive cases in order to reduce spread by isolating the positive cases and quarantining the close contacts. By bringing the testing facility directly to the area of concern it will ensure access to testing for those who are most likely infected.

Site Location:

Testing operations will be conducted from a Broome County Transit bus that has been modified to accommodate the equipment and staff. The bus will be placed in areas of high positivity rates in order to identify the positive cases and reduce spread. The location will be selected near a structure to have restroom facilities and an area for staff breaks.

Messaging:

The Broome County Public Information Officer will advise the public on the location and times the testing facility will be available at a specific site. This will be accomplished through traditional media and social media routes.

Operations:

Operational Period:

The testing clinic will be operating seven days a week. Operating times will vary in order to capture the most individuals within a geographic area. For the first two weeks the testing clinic operations will be from 12:00 pm – 8:00 pm with testing being conducted from 1:00 pm - 7:00 pm.

At maximum capacity the clinic will be able to conduct 4 samples per machine per hour. With 10 machines running at full capacity for 7 hours, 280 tests could be conducted per day.

The testing facility will be cleaned at the end of every shift to prevent the potential transmission of COVID-19. The individual machines and work areas will be wiped down with disinfectant cleaner and the bus will be fogged with a commercial cleaner.

Registration:

An individual who desires COVID-19 PCR rapid testing will be directed to the NYS CDMS Registration side. They will complete the registration information and sign up for a specific time to be tested.

Walk-up testing will be available with registration available on-site. There will be a fixed number of tests available per day. The available tests will be divided between pre-registration and walk-up appointments.

Staffing:

Staffing will be provided by Broome County employees. Medical staff will consist of EMTs, RNs and LPNs.

Entry Clerical Staff:

- Collect person's contact info
- Enter data into electronic health record
- Print 4 labels with patient info and unique barcode linked to patient

Specimen Collection:

- Clinical position
- Place label on swab stem
- Facilitate swab collection
- Place swab in test tube
- Bring test tube to lab technician

Lab Operator:

- Place swab in analyzer pool
- Collect sample with integrated pipette
- Deposit sample in analyzer receptacle
- If result is not valid, repeat collection and test.
- If result is valid, record and print result

Data Clerical Staff:

- Notify team leader of positive result
- Enter result into data management system
- File hard-copy results

Exit Consultation:

- Notify case of result
- Provide medical information regarding COVID-19 next steps

- Counsel positive cases with information and advise LHD will be contacting soon

Patient Flow:

Patients will queue under a provided tent during fair weather and inside an adjacent structure (gym, community hall, etc.) during adverse weather.

Patients will be checked in by staff outside the bus under a tent or inside the adjacent structure during inclement weather. Pre-registered and walk-up patients will be given a registration number. When all the registration numbers for that day have been assigned, no further patients will be accepted. Information will be provided on the location of the testing site the next day, as well as how to pre-register for that session.

When a patient's number is called, they will enter the front of the bus and a staff member will collect a sample from the patient's nasopharynx.

The sample will be brought to the lab area in the rear of the bus and the sample will be tested.

Once the test has been completed the patient will be called back to the bus and given the results. Consultation will be provided for positive results.

Test Results:

Test results will be entered into the data management system and ECLRS. The testing platforms will be added to the Broome County Health Department's laboratory license.

Logistics:

The bus will be dropped off by transit at the prescribed location one hour prior to the start of the testing clinic.

Operational staff will meet the bus at the location one hour before the start of testing and begin site set up.

Signage will be placed on and around the bus alerting the public to the site and the flow of the testing clinic.

Pop-up tents will be erected during fair weather and permanent structures will be utilized during inclement weather. All test collection and processing will be conducted on the bus.

PPE:

All staff will be provided with proper PPE during their shift in the testing clinic. PPE will consist of a fit tested N95 mask or PAPR, protective gown, and face shield. PPE will be changed when soiled and properly disposed of at the end of shift.

Biohazard waste disposal:

All biohazard waste will be collected in properly identified red bags and disposed of through the health departments contract with a certified biohazard disposal company.

Emergency Medical Services:

A provider with a minimum of EMT certification will be onsite with basic life support equipment (AED, suction, oxygen, diagnostic supplies) during the duration of the clinic's operation. The local response agency will be notified of the clinic operations.

Supplies:

- Broome County Transit Bus
- Generator
- Plum case for internet connectivity
- Pop-up tents
- Signs
- N95 masks
- PAPRs
- Protective gowns
- Face shields
- Test tubes
- Computers
- Printers
- Office Supplies
- Tables
- Chairs
- First aid supplies
- Extension cords
- Power strips