COVID-19
CORONAVIRUS DISEASE

Specimen Collection
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Types of Respiratory Tract Specimens

Nasopharyngeal swab (NP)*
https://www.youtube.com/watch?v=DVJNWefmHjE

Oropharyngeal swab (OP-throat)
https://www.youtube.com/watch?v=Jmhp9C15iK0

Anterior nares swab (AN)
https://www.youtube.com/watch?v=AqvIoK3UuMo
Nasopharyngeal swab

A nasopharyngeal swab is a method for collecting a sample of nasal secretions from the back of the nose and throat. The sample is analyzed for the presence of organisms or other clinical markers for disease. This diagnostic method is commonly used in suspected cases of whooping cough, diphtheria, influenza, and various types of diseases caused by the coronavirus family of viruses, including SARS, MERS, and COVID-19.

NP Swab YouTube
1. Tilt patient’s head back 70°.
2. Insert flexible shaft mini-tip swab through nares parallel to palate (not upwards) until:
   a. Resistance is met, OR
   b. Distance is equivalent to half the distance from the patient’s ear to their nostril.
3. Gently rub and roll the swab.
4. Leave swab in place for several seconds to absorb secretions.
5. Slowly remove the swab while rotating it and immediately place in sterile tube containing transport medium.

Anterior naris
Mid-inferior portion of inferior turbinate
Posterior pharynx

*In a seated position, tilt the head back at a 70° angle as illustrated in the picture.*
Specimen Collection: Points to Consider

- Maintain proper infection control practices
- Use approved collection methods and equipment
- Patient symptoms: cough, vomit, sneeze, talk
- Proper handling and storage
- Environmental contamination
Specimen Collection: Points to Consider

- Risk cross-infection and transmission
- Patient distress / uncooperative / behavioral
- Nasal obstructions-deviated septum, nasal polyps, facial trauma
- Bedbound / limited mobility
- Psychological fear
Testing Equipment Checklist

1) Gloves
   Appropriate sizes for personnel on site
   Make sure you have enough (glove changes between each test)

2) Gowns
   Enough for all testers, plus extra in case of contamination

3) Facemasks
   Enough for all testers, plus extra

4) Hand Sanitizer
Testing Equipment Checklist

5) Rolling Carts- one for each team

6) Testing Supplies

7) Swabs/vials/requisition papers/bags

8) Extra swabs/vials/bags/blank requisitions for add-ons

9) OP swabs/tongue depressors
Testing Equipment Checklist

- Pedi swabs if possibility of 6mo-5yr patients
- Ice Packs for coolers
- Large plastic bins for sample collection
- Tissues and bags

10) Administrative Items
- Pens/Pencils/Highlighters
- Extra labels
- Blank requisition forms
Anti-Viral wipes to clean testing equipment/surfaces

Red Trash Cans/Biohazard Bags

Facility dependent as some are treating used PPE as biohazard waste while others are treating it as conventional waste. Check with the facility prior to arrival for waste management. The facility may be willing to dispose of the testing waste for you.
Testing Checklist

• Contact facility 24 hrs. prior to testing to verify date/time
• The number of staff and residents being tested
• Logistics of testing area location

Day of Testing

• Pick-up requisitions and labels verifying completeness
• Print facility line list
• Assemble and organize packets (Alphabetical/unit) checking name/DOB
• Bring extra testing supplies including OP
• Organize/pack PPE & cart-bring extras
Arrival at facility

- Contact the facility’s POC
- Verify testing plan/space is appropriate
- Setup testing space/carts
- Organize staff into testing teams
• Complete testing (verify name/DOB match vials & paperwork) (vials must be closed tightly)

• Highlight those tested online list-noting refusals/no shows

• additional tests performed please handwrite information
Wrap Up

- Wipe down all supplies and repack
- Wipe down all surfaces used in facility
- Check in with POC prior to leaving
- Bring samples to the corresponding lab
- Return line list and completed checklist to CCO

- Text the above information to Parks Christenbury at 603-944-8382 prior to leaving the facility
<table>
<thead>
<tr>
<th>Required Training</th>
<th>Source</th>
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<tbody>
<tr>
<td>Collection of Race/Ethnicity Identifiers</td>
<td>NH DHHS Office of Health Equity</td>
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| Donning & Doffing Video                 | Donning: [https://www.youtube.com/watch?v=d0ILf63iyPM](https://www.youtube.com/watch?v=d0ILf63iyPM)  
Doffing: [https://www.youtube.com/watch?v=FJzIWgQyTrk](https://www.youtube.com/watch?v=FJzIWgQyTrk) |
| Donning & Doffing Video with PAPRS      | Donning: [https://www.youtube.com/watch?v=d0ILf63iyPM](https://www.youtube.com/watch?v=d0ILf63iyPM)  
Doffing: [https://www.youtube.com/watch?v=FJzIWgQyTrk](https://www.youtube.com/watch?v=FJzIWgQyTrk) |
| NP Specimen Collection                  | [https://youtu.be/DVJNWefmHJe](https://youtu.be/DVJNWefmHJe)            |
References


