

Recommendations on Performing Pulmonary Function Test (PFT) in PFT lab

(Updated 05/10/2020)



1. Patients will be screened for any exposure to COVID-19 and symptoms of new-onset respiratory illness consistent with COVID-19 (such as fever, cough, and shortness of breath) 48 to 72 hours before their PFT. If the screen is positive, they will be asked to contact their PCP over the phone and the PFT lab appointment will be rescheduled for a later date (more than 14 days out).
2. If over the phone screening is negative for risk of COVID-19 infection then proceed with testing to rule out COVID-19 infection. If a patient has a negative COVID-19 test within 48 to 72 hours of the procedure then standard PFT lab procedures will be followed. (Note: Patient should be advised to immediately notify if they develop new symptoms consistent with COVID-19 at any time before the PFT for further guidance as their procedure may need to be cancelled).
3. COVID-19 test should be performed 48 to 72 hours prior to scheduled PFT in order to make sure the results are back before the procedure.
4. In general, PFT should not be performed if result of COVID-19 test (from last 48 to 72 hours) is not available or positive for COVID-19 infection. However, if a PFT is considered emergent and cannot be delayed then follow the following procedures:
 - a. Patient will be provided a surgical mask at the entrance (if not already wearing a mask on arrival).
 - b. They will be screened again for presence of respiratory illness on arrival. If respiratory illness is present then the procedure will be rescheduled for a later date. If no respiratory illness, then they will undergo pulmonary function test, as planned.
 - c. Before the procedure starts, all healthcare workers who will be in the room for procedure should don PPE which will include N-95 mask, eye protection (Face shield or goggles, Gowns and gloves. (See Appendix 1 for appropriate donning steps).
 - d. After the procedure ends, the patient will don a mask, be dismissed from the PFT Lab and be asked to promptly leave campus. Healthcare workers will doff their PPE and exit the room immediately after that. (See Appendix 1 for appropriate doffing steps).
 - e. The procedure room will remain closed for an hour after the procedure.
 - f. Follow Tier 2 COVID-19 Room Cleaning Guidance for terminal cleaning (Available at : <https://www.nebraskamed.com/sites/default/files/documents/covid-19/room-cleaning-protocol-non-or.pdf?date=03242020>)
 - g. The respective Pulmonary Lab room is then going to be ready for testing of the next patient.

Appendix 1: Appropriate PPE use when COVID 19 has not been ruled out

N95 PPE Donning Checklist (If Using Face Shield)

1. Hand Hygiene
2. Isolation Gown (tie both ties into bows)
3. N95 mask, seal check
4. Face Shield
5. Hand Hygiene
6. Gloves (completely cover white cuff)
7. Safety Check

N95 PPE Donning Checklist (If Using Goggles)

1. Hand Hygiene
2. Isolation Gown (tie both ties into bows)
3. N95 mask, seal check
4. Goggles
5. Hand Hygiene
6. Gloves (completely cover white cuff)
7. Safety Check

N95 PPE Doffing Checklist (If Using Face Shield)

1. Clean Door Handle and gloves with Disinfectant wipe
2. Doff Gown
3. Doff gloves
4. Exit Patient Room
5. Hand hygiene
6. Don clean gloves
7. Use disinfectant wipe to clean surface for face shield
8. Remove face shield
9. Disinfect Face shield
10. Doff Gloves
11. Perform Hand Hygiene
12. Remove N95
13. Place cleaned face shield in designated area

N95 PPE Doffing Checklist (If Using Goggles and procedure mask over N95)

1. Clean door handle and gloves with disinfectant wipe
2. Doff Gown
3. Doff gloves
4. Exit patient room
5. Hand hygiene
6. Don clean gloves
7. Hand Hygiene
8. Use disinfectant wipe to clean surface for goggles
9. Remove goggles
10. Disinfect goggles
11. Doff Gloves
12. Perform Hand Hygiene
13. Remove N95
14. Hand Hygiene
15. Place cleaned goggles in designed area

N-95 respirator decontamination and reuse guidance documents are available at following links:

<https://www.nebraskamed.com/sites/default/files/documents/covid-19/n-95-decon-process.pdf?date=03262020>

<https://www.nebraskamed.com/sites/default/files/documents/covid-19/quick-education-n95-decontamination-and-re-use-process.pdf>