

Covid-19 update May 4

Teams Meeting

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Conference ID: 379 847 318#

1. From the ChristianaCare internal communications newsletter
 - a. **Dashboard**
 1. [COVID-19 dashboard](#)
 2. [Status quo over weekend](#)
2. Overview of epidemic
 - a. Two new federal programs
 1. RADx using stimulus money to greatly amplify testing capability.
 2. Accelerated vaccine development funds with risk shifted to federal government.
 - b. [Interesting article on the types of vaccines in development](#)
 1. <https://www.nature.com/articles/d41586-020-01221-y>
3. Use of plasma
 - a. I checked in with Mike Benninghoff – they are using on a case by case basis where patients are experiencing increased oxygen requirement or show signs of higher systemic inflammatory markers coupled with expected chances of recovery. Many of the patients are NOT on vents when transfused.
 - b. 19 patients in total have received convalescent plasma including one at Union.
4. Preoperative testing
 - a. I have continued the discussion with Marci Dress and others in infection prevention about the availability of tests and the utility of testing presurgical patients. As discussed, this is a moving target given the variability of the test, the supplies of reagents etc.
 - b. A pre op test will not change the PPE requirements in the room. Use airborne for all intubations. A negative test just means that test did not show virus, it doesn't mean the patient doesn't have it.
 - c. Interesting phenomenon in employees returning to work. They are showing positive nasal and NP swab tests longer than was anticipated. Because these are PCR tests which work by amplifying viral RNA, it is not clear if they remain infectious.
5. HR issues at ChristianaCare
 - a. Internal masking now required
 1. Cloth masks in non-clinical spaces for non-clinicians
 2. Medical masks in patient areas.

- b. Temperature screening of employees entering buildings starts Tuesday 4/28
 - c. Highest number of employees tested for virus occurred on Monday this week – 40 in one day.
- 6. Intubation/ Extubation
 - a. Updated guidelines that simplify PPE for intubation and presence in room
 - 1. If the patient is Covid +, PUI or emergent with no opportunity to screen then all people in room wear N95 or PAPR (not both)
 - 2. **Do not throw out your N95. Continue to use it.**
 - 3. Pts who are asymptomatic/screen negative are treated like regular surgical patients. If you are wearing an N95 all day, continue to do so and explain to staff in room that is what you are doing. They can wear standard surgical mask.
 - b. Trachs are being done open/in the OR to minimize aerosolization compared to percutaneous. This protocol was established with input from trauma/surgery/anesthesiology/Ent and MICU.
 - c. Extubations – Please warn staff in the OR that you are about to extubate. If you are extubating a possible Covid patient, please use plastic shielding.
- 5. PAPRS
 - a. PAPRs can be requested from the equipment room
 - 1. Christiana 733-2765
 - 2. Wilmington 320-4112
- 6. ORs and Procedure areas
- 7. Donning and Doffing info
 - a. Feedback from Covid positive intubations reveals that our staff’s doffing habits are subpar. **Propper doffing PROTECTS YOU.** Please use the nursing staff positioned outside the rooms to assist you in doffing. Perform hand hygiene after every piece of equipment comes off.
 - b. Remember - the N95 protects you, the surgical mask protects other people. Wearing the N95 on your forehead, around your neck, casually placed on the lunch table etc. makes it more likely you are contaminating yourself by contact with the exterior surface of the mask. Doff properly and place in a paper bag or Tupperware container.
 - c. Conserve PPE. You should be using a face shield and unless your N95 is soiled, it should be reused/maintained even after interaction with Covid+ patients.
 - d. Review of PPE donning and doffing procedures put together Friday evening by iLead and RRT group. We are working on getting these to rotate on the education screen in the main lounge.
 - 1. Donning Contact and Droplet PPE: <https://vimeo.com/397544513/40d240bb7c>
 - 2. Doffing Contact and Droplet PPE: <https://vimeo.com/397541526/ef6b376c85>
 - 3. Donning PPE with N95 respirator: <https://vimeo.com/christianacare/review/397526462/0bff7c41de>
 - 4. Doffing PPE with N95 respirator: <https://vimeo.com/christianacare/review/397524368/e6d53bc57c>
 - 5. Donning PPE with PAPR: <https://vimeo.com/397549095/485b5b4c13>

6. Doffing PPE with PAPR:

<https://vimeo.com/christianacare/review/397551932/c273be218c>

8. Supply Chain