

WELCOME

- ▶ Please remember to **mute your audio** when you're not speaking.
- ▶ Type your **name and facility name in the "chat box"** in so we can keep track of everyone in attendance.
- ▶ As part of participation in this ECHO session, we ask that you have your **cameras turned on** in order to build a more engaging community of practice.
- ▶ Asking questions: When wanting to ask a question, you have 2 options...
 - ▶ Unmute and ask the question, or
 - ▶ If you don't want to interrupt to ask, you can utilize the chat feature to ask your question and the hosts will ask the question when there is a chance.



PPE



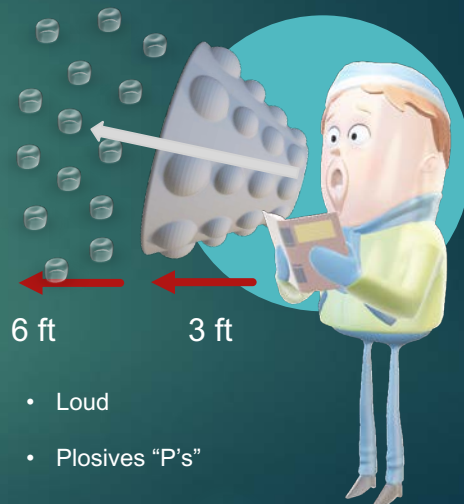
Questions / Poll ?

- Do you have measures for obtaining an adequate supply of at least 2 weeks of PPE?
- Do you have a contingency plan for shortages?
- Have you trained your staff in proper selection, donning and doffing?
- Is PPE available outside the resident rooms?
- Are trash receptacles in strategic locations near the exit of the resident room?
- If COVID-19 cases are in the building, are staff wearing PPE for care of all residents?
- Do residents wear facemasks when they leave the room?
- Are all employees wearing facemasks in the facility?



Speech produces jet-like transport to spread virus

- Speaking, laughing, breathing create puffs to produce jet – like streams of particles
- Takes 30 s of conversation to reach 6 ft



PNAS October 13, 2020 117 (41) 25237-25245;

Doffing contamination

- ▶ 2015 JAMA report
- ▶ Doffing simulations with fluorescent lotion (n = 435)
- ▶ 46% skin or clothing contamination
- ▶ Intervention reduced contamination to 19%

doi:10.1001/jamainternmed.2015.4535

Mask efficacy

- ▶ **N95** (KN95 from China and FFP2 from Europe) filters 95% of infectious particles.
- ▶ 13% of users have inadequate fit.
- ▶ Surgical masks provide 60% filtration (level 2 and 3 masks optimal)
- ▶ Cloth masks: best if tightly fitted, cotton – polyester blend, multiple layers
- ▶ Gaiters afford only 10 % protection.

Dr. Scott Gottlieb, former
commissioner of the US Food and
Drug Administration

Reusability

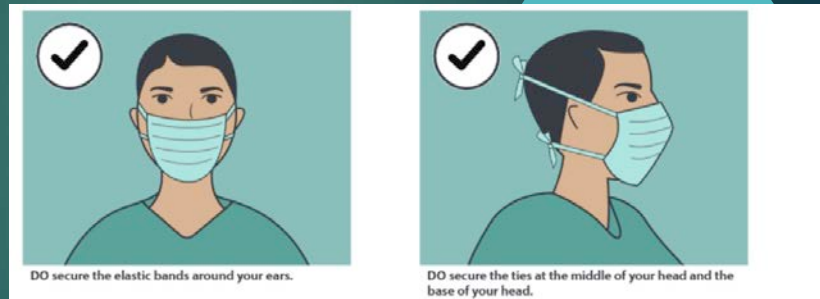
- ▶ N95 : 8 times
- ▶ Cloth: hot wash or bleach and soak

Do Not



Do

1. Hand hygiene prior to donning



Mitigating PPE complications

- | | |
|----------------------------|---|
| ▶ Over heating | Mitigation |
| ▶ Sweaty hands from gloves | ▶ ? |
| ▶ Dehydration from gown | ▶ Hydration |
| ▶ Mechanical skin damage | ▶ Avoid friction, re-adjustments |
| ▶ Acne mechanica | ▶ Face washing & moisturizer at pressure points |

Summary

- ▶ **Know where your center's policies and procedures are for obtaining, donning and doffing (putting on, taking off) PPE and how to access them at all times.**
- ▶ Have a training/education plan for staff, visitors, vendors/contractors on what are the elements of PPE for nursing homes and when to use PPE appropriately (under what circumstances).
- ▶ Have a process and tools (such as a PPE Burn Rate Calculator) to estimate the center's need for PPE in the weeks/months ahead in order to be prepared.