Topic 15: Ventilation

PROJECT FIRST LINE
CDC's National Training Collaborative for Healthcare Infection Prevention & Control

Agenda

- Welcome
- How Does Ventilation Work?
- Why Does Ventilation Matter?
- Reflection

Learning Objectives

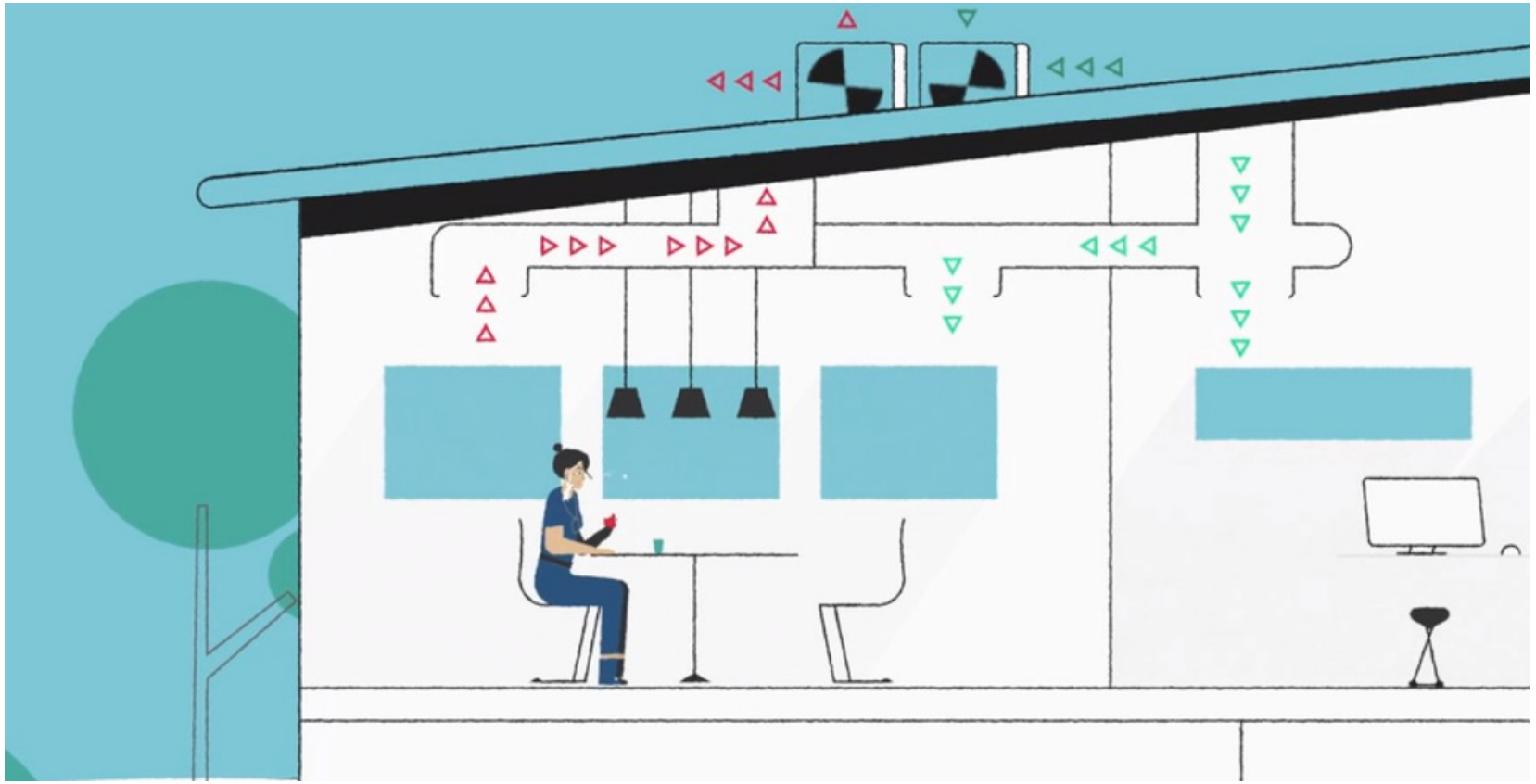
- Discuss why **good ventilation is important** for infection control in healthcare.
- Discuss one (1) way that **ventilation works to reduce the amount of germs in the air.**
- Describe one (1) reason why **it is important not to take steps to improve ventilation yourself**, without working with the staff in your facility in charge of air handling and ventilation.

Definition

Ventilation

The movement of air in and out of an enclosed space. For example, the circulation of fresh air to a room or building.

How does ventilation work?



Why does ventilation matter in healthcare?

- Having clean air in healthcare can **reduce the risk of germs spreading** among people, including patients and healthcare workers.
- Nearly **every room inside a healthcare facility has a recommended number of air changes per hour**, which is the time it takes for a room's old air to be replaced with new or filtered air.

STEPS to Support Good Ventilation

- **Know how long** it takes for the air in certain rooms, such as patient rooms, to clear.
- If you're entering a room without recommended PPE, **make sure the air in the room is cleared first.**
- **Don't take actions on your own** to change how air is handled.
- **Have questions? Ask** the person with responsibility for air filtration and ventilation at your facility.

Reflection

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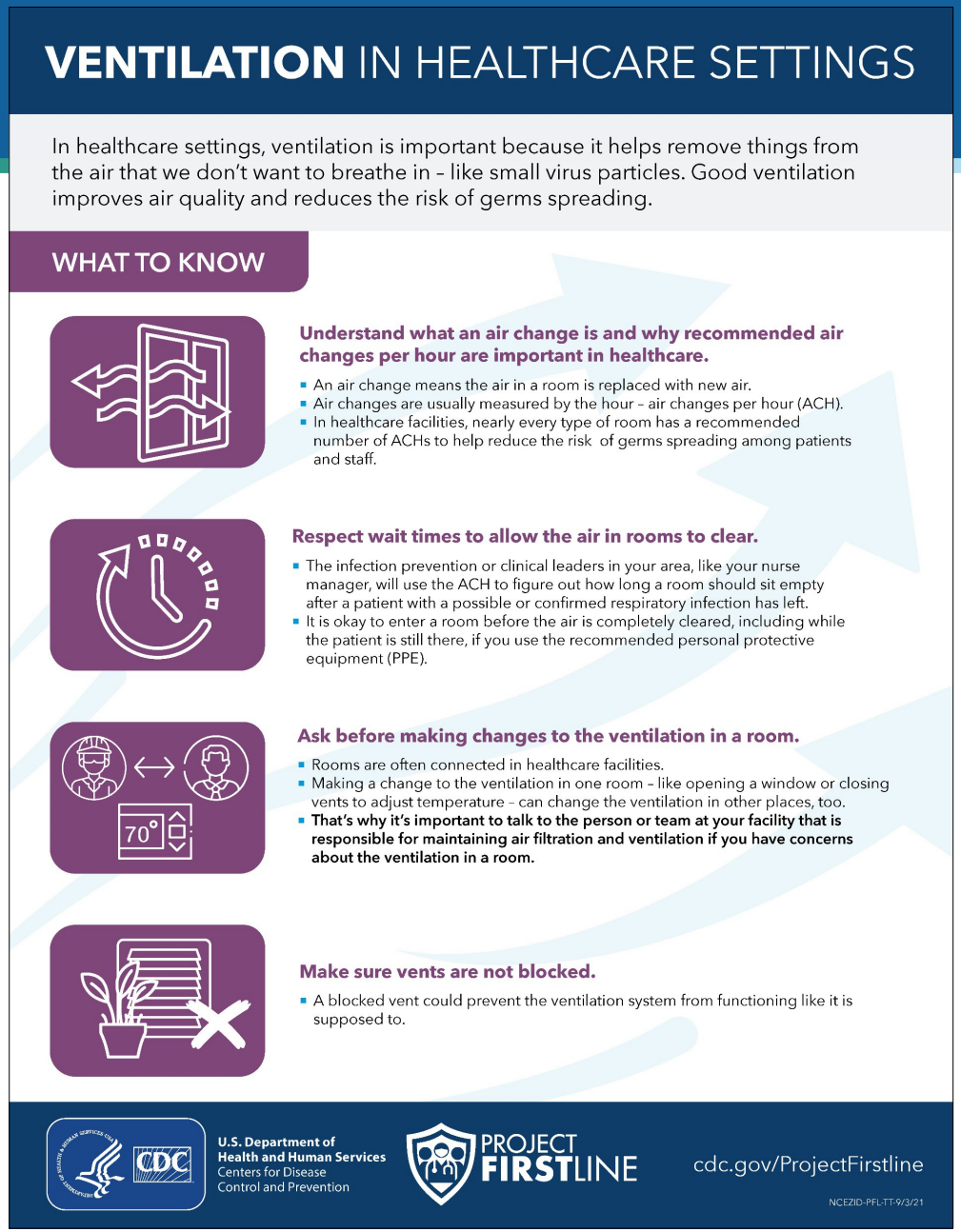
Questions?

Do you have remaining questions about ventilation?



Resources and Future Training sessions

Project Firstline on CDC:

https://www.cdc.gov/infection control/projectfirstline/index.html

Project Firstline on Facebook:

https://www.facebook.com/CDCProjectFirstline/

Twitter:

https://twitter.com/CDC_Firstline

YouTube:

https://www.youtube.com/playlist?list=PLvrp9iOILTQZQGtDnSDGViKDdRtIc13VX

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