

PROJECT FIRSTLINE IS FOR YOU



PROJECT
FIRSTLINE

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

CS320316-A



Topic 5: How COVID-19 Spreads: A Review

Agenda

- Introductions
- How COVID-19 Spreads: A Review
 - Video
 - Discussion and reflection
- Session feedback form and next steps

Learning Objective

- Describe two (2) ways that SARS-CoV-2 spreads

Thinking back to last session...

Session Topics

- **What We've Covered So Far**

- The Concept of Infection Control
- The Basic Science of Viruses
- How Respiratory Droplets Spread COVID-19
- How Viruses Spread from Surfaces to People

- **Broader Themes and Topics**

- Infection Control: The Basics
- Source Control
- PPE: Basics
- PPE: Donning and Doffing
- Hand Hygiene
- Crisis Standards of Care
- Triage
- Microbiology Basics
- Recognizing Risk

What I know and still want to know...

What I know	What I think I know	What I want to know

INSIDE INFECTION CONTROL

HOW DOES COVID-19 SPREAD? A REVIEW

EPISODE 7



What I Want to Know

Resources | Project Firstline | Infection Control | CDC

Project Firstline

CDC > Infection Control > Project Firstline > Project Firstline

Project Firstline

About

Events

Resources

Additional Infection Control Trainings +

Get Email Updates

To receive email updates about this page, enter your email address:

Email Address

[What's this?](#)

Resources

Updated January 25, 2021

Project Firstline is committed to creating resources that help frontline healthcare workers understand and confidently apply the infection control principles and protocols necessary to protect themselves, their facility, their family, and their community.

Graphics

Download our graphics to use on social media channels, in trainings, or in other infection control resources.

THE PARTS OF VIRUSES

[The Parts of Viruses](#)

EVERY BREATH SENDS OUT A CLOUD OF RESPIRATORY DROPLETS

[Respiratory Droplets](#)

VIRUS LOCK AND KEY

Viruses invade cells

- Viruses have "false key"
- Not exact match
- Close enough to "unlock" cell
- Uses cell to make more copies of itself

[Viruses Make Us Sick](#)

On This Page

- Graphics
- Inside Infection Control Videos
- Web Buttons
- Partner Resources

Let's Reconvene

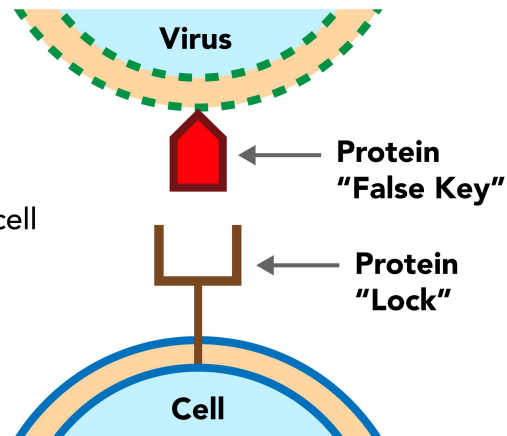
- What resources did you find?
- Did they help you find answers to questions that you still have?
 - If not, did you find similar questions? What did you learn?

Job Aids Available to You

VIRUS LOCK AND KEY

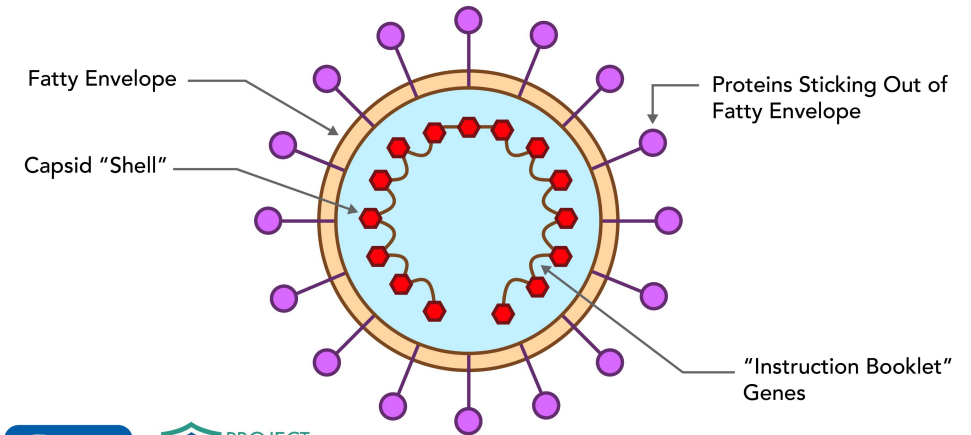
Viruses invade cells

- ▶ Viruses have "false key"
 - ▶ Not exact match
 - ▶ Close enough to "unlock" cell
- ▶ Uses cell to make more copies of itself



CS320316-AD

THE PARTS OF VIRUSES



CS320316-U

Reflection

Key Messages

- The main way that SARS-CoV-2, the virus that causes the disease COVID-19, travels between people is through respiratory droplets in our breath.
- Another way you can get sick with COVID-19 is if you touch something that has live SARS-CoV-2 virus on it, and then touch your face without cleaning your hands first.

Resources and Future Training sessions

Project Firstline on CDC:

<https://www.cdc.gov/infectioncontrol/projectfirstline/index.html>

Project Firstline on Facebook:

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

Twitter:

https://twitter.com/CDC_Firstline

YouTube:

Feedback Form

